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Trinity College
HARTFORD CONNECTICUT

14

TRINITY COLLEGE BULLETIN

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Catalogue Issue for 1958

October 1957



The Calendar for 1957-1958-1959

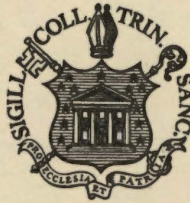
1957	1958	1958	1959
<p>July</p> <p>S M T W T F S .. 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31</p> <p>August</p> <p>S M T W T F S 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 </p> <p>September</p> <p>S M T W T F S 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30</p> <p>October</p> <p>S M T W T F S .. . 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31</p> <p>November</p> <p>S M T W T F S 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 </p> <p>December</p> <p>S M T W T F S 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31</p>	<p>January</p> <p>S M T W T F S 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31</p> <p>February</p> <p>S M T W T F S 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28</p> <p>March</p> <p>S M T W T F S 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31</p> <p>April</p> <p>S M T W T F S .. . 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30</p> <p>May</p> <p>S M T W T F S 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 </p> <p>June</p> <p>S M T W T F S 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30</p>	<p>July</p> <p>S M T W T F S .. . 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31</p> <p>August</p> <p>S M T W T F S 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31</p> <p>September</p> <p>S M T W T F S .. 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30</p> <p>October</p> <p>S M T W T F S 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31</p> <p>November</p> <p>S M T W T F S 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30</p> <p>December</p> <p>S M T W T F S .. 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31</p>	<p>January</p> <p>S M T W T F S 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31</p> <p>February</p> <p>S M T W T F S 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 </p> <p>March</p> <p>S M T W T F S 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31</p> <p>April</p> <p>S M T W T F S 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30</p> <p>May</p> <p>S M T W T F S 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31</p> <p>June</p> <p>S M T W T F S .. 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30</p>

(Boldface type indicates that the College is in session, also see page 4)

TRINITY COLLEGE BULLETIN

Catalogue Issue for 1958

Catalogue Number 200



One Hundred Thirty-fifth Year of the College

OCTOBER 1957

HARTFORD, CONNECTICUT



THE LONG WALK

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ATTENTION IS CALLED TO THE FACT THAT ALL STUDENTS ARE TO BE GOVERNED BY THE RULES, REGULATIONS AND PROVISIONS CONTAINED IN THIS ANNOUNCEMENT AND IN THE PAMPHLET, "TRINITY COLLEGE HANDBOOK," SEPARATELY PUBLISHED, SUBJECT TO THE RIGHT OF THE TRUSTEES AND THE FACULTY TO REPEAL, CHANGE, AMEND OR TO ADD TO THEM OR ANY OF THEM.

College Calendar

(see inside front cover)

1957

SEPT. 16	<i>Monday</i>	Christmas Term of the One Hundred Thirty-fifth Academic Year begins.
NOV. 27	<i>Wednesday</i>	Thanksgiving Recess begins at 4:00 P. M.
DEC. 1	<i>Sunday</i>	Thanksgiving Recess ends at 5:00 P. M.
DEC. 19	<i>Thursday</i>	Christmas Vacation begins at 4:00 P.M.

1958

JAN. 2	<i>Thursday</i>	Christmas Vacation ends at 5:00 P. M.
JAN. 13	<i>Monday</i>	Christmas Examinations begin.
JAN. 28	<i>Tuesday</i>	Registration for Trinity Term.
JAN. 29	<i>Wednesday</i>	Trinity Term begins.
FEB. 22	<i>Saturday</i>	Washington's Birthday. Not a College holiday.
MAR. 29	<i>Saturday</i>	Spring Recess begins at 12:20 P. M.
APR. 8	<i>Tuesday</i>	Spring Recess ends at 5:00 P. M.
MAY 14	<i>Wednesday</i>	Preliminary Registration for September.
MAY 15	<i>Thursday</i>	Honors Day.
MAY 21	<i>Wednesday</i>	Trinity Examinations begin.
JUNE 8	<i>Sunday</i>	One Hundred Thirty-second Commencement.
JUNE 23	<i>Monday</i>	First Session of Summer School begins.
JULY 25	<i>Friday</i>	First Session Summer School ends.
JULY 28	<i>Monday</i>	Second Session Summer School begins.
AUG. 29	<i>Friday</i>	Second Session Summer School ends.
SEPT. 15	<i>Monday</i>	Freshman Week begins.
SEPT. 18	<i>Thursday</i>	Registration of Upperclass Students.
SEPT. 19	<i>Friday</i>	Registration of Upperclass Students continued.
SEPT. 22	<i>Monday</i>	Christmas Term of the One Hundred Thirty-sixth Academic Year begins.
NOV. 26	<i>Wednesday</i>	Thanksgiving Recess begins at 4:00 P. M.
NOV. 30	<i>Sunday</i>	Thanksgiving Recess ends at 5:00 P. M.
DEC. 20	<i>Saturday</i>	Christmas Vacation begins at 12:20 P. M.

1959

JAN. 4	<i>Sunday</i>	Christmas Vacation ends at 5:00 P. M.
JAN. 19	<i>Monday</i>	Christmas Examinations begin.
FEB. 3	<i>Tuesday</i>	Registration for Trinity Term.
FEB. 4	<i>Wednesday</i>	Trinity Term begins.
FEB. 22	<i>Sunday</i>	Washington's Birthday. Not a College holiday.
MAR. 26	<i>Thursday</i>	Spring Recess begins at 4:00 P. M.

APR. 5	<i>Sunday</i>	Spring Recess ends at 5:00 P. M.
MAY 20	<i>Wednesday</i>	Preliminary Registration for September.
MAY 21	<i>Thursday</i>	Honors Day.
MAY 27	<i>Wednesday</i>	Trinity Examinations begin.
JUNE 14	<i>Sunday</i>	One Hundred Thirty-third Commencement.
JUNE 29	<i>Monday</i>	First Session of Summer School begins.
JULY 31	<i>Friday</i>	First Session of Summer School ends.
AUG. 3	<i>Monday</i>	Second Session of Summer School begins.
SEPT. 4	<i>Friday</i>	Second Session of Summer School ends.
SEPT. 15	<i>Tuesday</i>	Freshman Week begins.
SEPT. 17	<i>Thursday</i>	Registration of Upperclass Students.
SEPT. 18	<i>Friday</i>	Registration of Upperclass Students continued.
SEPT. 21	<i>Monday</i>	Christmas Term of the One Hundred Thirty-seventh Academic Year begins.
NOV. 25	<i>Wednesday</i>	Thanksgiving Recess begins at 4:00 P. M.
NOV. 29	<i>Sunday</i>	Thanksgiving Recess ends at 5:00 P. M.
DEC. 19	<i>Saturday</i>	Christmas Vacation begins at 12:20 P. M.

1960

JAN. 3	<i>Sunday</i>	Christmas Vacation ends at 5:00 P. M.
JAN. 18	<i>Monday</i>	Christmas Examinations begin.
FEB. 2	<i>Tuesday</i>	Registration for Trinity Term.
FEB. 3	<i>Wednesday</i>	Trinity Term begins.
FEB. 22	<i>Monday</i>	Washington's Birthday. Not a College holiday.
MAR. 24	<i>Thursday</i>	Spring Vacation begins at 4:00 P. M.
APR. 3	<i>Sunday</i>	Spring Vacation ends at 5:00 P. M.
APR. 14	<i>Thursday</i>	Easter Recess begins at 4:00 P. M.
APR. 17	<i>Sunday</i>	Easter Recess ends at 5:00 P. M.
MAY 18	<i>Wednesday</i>	Preliminary Registration for September.
MAY 19	<i>Thursday</i>	Honors Day.
MAY 25	<i>Wednesday</i>	Trinity Examinations begin.
JUNE 12	<i>Sunday</i>	One Hundred Thirty-fourth Commencement.
JUNE 27	<i>Monday</i>	First Session of Summer School begins.
JULY 29	<i>Friday</i>	First Session of Summer School ends.
AUG. 1	<i>Monday</i>	Second Session of Summer School begins.
SEPT. 2	<i>Friday</i>	Second Session of Summer School ends.
SEPT. 12	<i>Monday</i>	Freshman Week begins.
SEPT. 15	<i>Thursday</i>	Registration for Upperclass Students.
SEPT. 16	<i>Friday</i>	Registration for Upperclass Students continued.
SEPT. 19	<i>Monday</i>	Christmas Term of the One Hundred Thirty-eighth Academic Year begins.

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BOARD OF FELLOWS

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Associate Professor of Mathematics
- KARL KURTH, JR., B.S. 1942, M.ED. 1947 (SPRINGFIELD)
Associate Professor of Physical Education
- KENNETH WALTER CAMERON, B.A. 1930, M.A. 1931 (WEST VIRGINIA), S.T.B. 1935 (GENERAL THEOLOGICAL), PH.D. 1940 (YALE)
Associate Professor of English
- RALPH MEHLIN WILLIAMS, B.A. 1933 (AMHERST), PH.D. 1938 (YALE)
Associate Professor of English

* On leave of absence Christmas Term 1957-58.

† On leave of absence 1957-58.

ASSISTANT PROFESSORS

JOHN EDWARD CANDELET, B.A. 1927, M.A. 1928 (COLBY), M.B.A. 1929 (PENNSYLVANIA), LL.D. 1945 (PARSONS)

*Assistant Professor of Economics, Veterans Counselor,
George M. Ferris Lecturer in Corporation Finance and Investments*

ROBERT MAIER VOGEL, B.A. 1935 (WABASH), M.A. 1940 (MICHIGAN), ED.D. 1953 (COLUMBIA)

*Dean of Graduate Studies,
Director of Summer School, Assistant Professor of English*

DANIEL BOND RISDON, B.A. 1930 (AMHERST), M.A. 1938 (TRINITY), 1947 (YALE)

Assistant Professor of English

ROBERT CLIFFORD BLACK, III, B.A. 1937 (WILLIAMS), M.A. 1947 (DENVER), PH.D. 1951 (COLUMBIA)

Assistant Professor of History

NORTON DOWNS, B.A. 1940, A.M. 1947, PH.D. 1950 (PENNSYLVANIA)

Assistant Professor of History

ROBERT FREEMAN KINGSBURY, B.S. 1934 (BOWDOIN), M.S. 1939 (CORNELL), PH.D. 1956 (PENNSYLVANIA)

Assistant Professor of Physics

RICHARD KNOWLES MORRIS, B.A. 1940 (TRINITY), M.A. 1949, PH.D. 1951 (YALE)

Assistant Professor of Education

MITCHEL NICHOLAS PAPPAS, B.A. 1941, M.A. 1947 (YALE)

Assistant Professor of Fine Arts

RICHARD SCHEUCH, B.A. 1942, M.A. 1948, PH.D. 1952 (PRINCETON)

Assistant Professor of Economics

RANDALL WILLIAM TUCKER, B.A. 1939 (NORTHEASTERN), M.B.A. 1942 (CHICAGO)

Assistant Professor of Economics

VICTOR GILPIN, B.A. 1938, M.A. 1940 (WESTERN ONTARIO), PH.D. 1944 (MC GILL)

Assistant Professor of Chemistry

WALTER DAVID LEAVITT, B.A. 1947 (BATES), M.A. 1949, PH.D. 1954 (YALE)

Assistant Professor of Romance Languages

ALBERT MERRIMAN, B.A. 1933, M.A. 1937 (HARVARD)

Assistant Professor of Classical Languages

SAMUEL FRENCH MORSE, B.A. 1936 (DARTMOUTH), M.A. 1938 (HARVARD), PH.D. 1952 (BOSTON UNIVERSITY)

Assistant Professor of English

AUGUST EDWARD SAPEGA, B.S. 1946, M.S. 1951 (COLUMBIA)

Assistant Professor of Engineering

ROBERT CLARENCE STEWART, B.A. 1942, M.A. 1944 (WASHINGTON AND JEFFERSON), M.A. 1948 (YALE)

Assistant Professor of Mathematics

VERNON LEROY FERWERDA, B.A. 1940, M.S. 1941 (MASSACHUSETTS), PH.D. 1954 (HARVARD)

Assistant Professor of Government

JAMES MORRILL VAN STONE, B.A. 1949 (WESLEYAN), PH.D. 1954 (PRINCETON)

Assistant Professor of Biology

- JOHN ARTHUR DANDO, B.A. 1938, M.A. 1945 (MC GILL)
Assistant Professor of English
- PAUL WINTER KURTZ, B.A. 1948 (NEW YORK UNIVERSITY), M.A. 1949, PH.D. 1952 (COLUMBIA)
Assistant Professor of Philosophy
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Assistant Professor of Drama
- ANDREW HARRY SOUERWINE, B.A. 1947 (URSINUS), A.M. 1948 (PENNSYLVANIA), PH.D. 1954 (CONNECTICUT)
Assistant Professor of Psychology
- OSBORNE WILSON LACY, B.A. 1947 (HAMPDEN-SYDNEY), A.M. 1951, PH.D. 1955 (PENNSYLVANIA)
Assistant Professor of Psychology
- JACK N. X. OANH, B.A. 1944 (NATIONAL COLLEGE OF JAPAN), M.A. 1950 (KYOTO), M.A. 1952, PH.D. 1954 (HARVARD)
Assistant Professor of Economics
- STANLEY ZIMMERING, B.A. 1947 (BROOKLYN), M.A. 1949, PH.D. 1953 (COLUMBIA)
Assistant Professor of Biology
- CLARENCE HOWARD BARBER, B.A. 1940, M.A. 1942, PH.D. 1954 (HARVARD)
Assistant Professor of Music
- MICHAEL RICHARD CAMPO, B.A. 1948 (TRINITY), M.A. 1953, PH.D. 1954 (JOHNS HOPKINS)
Assistant Professor of Romance Languages
Cesare Barbieri Lecturer in Italian Studies
- ROY ALFRED DATH, B.S. 1951 (WEST CHESTER (PA.) STATE TEACHER'S), M.A. 1956 (TRINITY)
Assistant Professor of Physical Education
- HENRY ANTHONY EGIERD, CAPTAIN, UNITED STATES AIR FORCE, B.S. 1950, M.A. 1951 (NEW YORK UNIVERSITY)
Assistant Professor of Air Science
- WINFIELD SCOTT WORRALL, B.S. 1942 (HAVERFORD), M.A. 1947, PH.D. 1949 (HARVARD)
Assistant Professor of Chemistry
- RALPH ELMO MURRAY, CAPTAIN, UNITED STATES AIR FORCE, B.S. 1938 (INDIANA)
Assistant Professor of Air Science
- CARL VICTOR HANSEN, B.A. 1941, M.A. 1948, PH.D. 1952 (YALE)
Assistant Professor of German
- ROBERT LINDSAY, SC.B. 1947 (BROWN), M.A. 1949, PH.D. 1951 (RICE)
Assistant Professor of Physics
- PHILIP CHARLES FARWELL BANKWITZ, B.A. 1947, M.A. 1948, PH.D. 1952 (HARVARD)
Assistant Professor of History
- EMMET FINLAY WHITTLESEY, A.B. 1948 (PRINCETON)
Assistant Professor of Mathematics
- RICHARD PAUL BENTON, B.S. 1952, M.A. 1953, PH.D. 1955 (JOHNS HOPKINS)
Assistant Professor of English
- EDWARD BOBKO, B.S. 1949 (WESTERN RESERVE), PH.D. 1952 (NORTHWESTERN)
Assistant Professor of Chemistry

- ROBERT DALE MEADE, B.A. 1950 (INDIANA UNIVERSITY), A.M. 1952, PH.D. 1956 (PENNSYLVANIA)
Assistant Professor of Psychology
- JAMES LAIN POTTER, B.A. 1944, M.A. 1946 (WESLEYAN), PH.D. 1954 (HARVARD)
Assistant Professor of English
- WILLIAM LATIMER TROUSDALE, B.S. 1950 (TRINITY), PH.D. 1956 (RUTGERS)
Assistant Professor of Physics
- LEROY DUNN, B.S.C. 1949 (AMERICAN UNIVERSITY), PH.D. 1956 (LONDON)
Assistant Professor of Economics
- STEPHEN PETER HOFFMAN, JR., B.A. 1949, M.A. 1951, PH.D. 1957 (YALE)
Assistant Professor of Mathematics
- GLENN WEAVER, A.B. 1941 (CATAWBA), B.D. 1944 (LANCASTER SEMINARY), M.A. 1947 (LEHIGH), A.M. 1951, PH.D. 1953 (YALE)
Assistant Professor of History
- THEODOR MARCUS MAUCH, A.B. 1943 (ELMHURST), B.D. 1946, S.T.M. 1947 (UNION THEOLOGICAL)
Assistant Professor of Religion

INSTRUCTORS

- ROBERT DENNIS SLAUGHTER, B.S. 1948, M.S.ED. 1952 (SPRINGFIELD)
Instructor in Physical Education
- MONTGOMERY BOYNTON ANGELL, JR., A.B. 1949 (PRINCETON), M.A. 1951 (YALE)
Instructor in German
- *REX CHARLETON NEAVERTON, B.A. 1952 (HARVARD), M.A. 1954 (HARVARD LITTAUER CENTER)
Instructor in Government
- MYRON GEORGE ANDERSON, B.A. 1951, M.A. 1954 (MINNESOTA)
Instructor in Philosophy
- HUGH DAVID COCHRANE, B.A. 1946 (TORONTO), M.A. 1949 (CAMBRIDGE)
Instructor in Mathematics
- JOSE ANGEL DIAZ, 1947 (PUERTO RICO), M.A. 1952 (YALE)
Instructor in Romance Languages
- JUAN ESTARELLAS, B.A. 1941 (INSTITUTE NACIONAL IBIZA), ED.M. 1945 (ESCUELA MAGISTERIO DE BALEARES), PH.D. 1948 (MADRID), M.A. 1953 (TRINITY), ED.D. 1956 (HARVARD)
Instructor in Education
- ROBBINS LADEW GATES, A.B. 1948 (WASHINGTON AND LEE), A.M. 1955 (COLUMBIA)
Instructor in Government
- DONALD FRANK HENZE, B.A. 1950, M.A. 1951, PH.D. 1954 (WISCONSIN)
Instructor in Philosophy
- HENRY GERMAN HOOD, JR., B.A. 1948 (HAVERFORD), M.A. 1949 (HARVARD), PH.D. 1957 (PENNSYLVANIA)
Instructor in History
- ANDREW PETER DEBICKI, B.A. 1955 (YALE)
Instructor in Romance Languages

* On leave of absence Christmas Term 1957-58.

- ROY LOTHROP FARNSWORTH, A.B. 1949, M.A. 1956 (BOSTON UNIVERSITY)
Instructor in Geology
- MARTIN HENDRICK FRANCIS, B.S. 1952 (TRINITY), M.S. 1957 (YALE)
Instructor in Geology
- †ALEXANDER JACOB GROTH, B.A. 1954 (CITY COLLEGE OF NEW YORK), M.A.
1955 (COLUMBIA) *Instructor in Government*
- CHESTER HERMAN MCPHEE, B.A. 1951 (OBERLIN)
Instructor in Physical Education
- CHARLES JAY MCWILLIAMS, B.S. 1937 (PENNSYLVANIA STATE), M.P.E. 1947
(SPRINGFIELD) *Instructor in Physical Education*
- CHARLES HENRY OLMSTED, B.A. 1943 (AMHERST), M.A. 1947 (HARVARD)
Instructor in English
- THOMAS OWEN PINKERTON, B.S. 1942 (DAVIDSON), LL.B. 1949 (VANDERBILT)
Instructor in German
- ROBERT ELLIS SHULTS, A.B. 1951 (OBERLIN) *Instructor in Physical Education*
- JOHN FREDERICK WILD, B.S. 1950, M.S. 1951 *Instructor in Physics*
- EDWARD BAKER WILLIAMS, A.B. 1933 (TUFTS), A.M. 1952 (BROWN)
Instructor in Romance Languages
- KARL PRIBRAM, S.B. 1939, M.D. 1941 (CHICAGO)
Visiting Instructor in Psychology

ASSISTANTS

- HAROLD LEWIS AUSTIN, MASTER SERGEANT, UNITED STATES AIR FORCE
Assistant in Air Science
- WILLIS GEORGE BARNES, TECHNICAL SERGEANT, UNITED STATES AIR FORCE
Assistant in Air Science
- EDGAR ANDREW LOGSDON, TECHNICAL SERGEANT, UNITED STATES AIR FORCE
Assistant in Air Science
- CHARLES BERNARD KENNY, STAFF SERGEANT, UNITED STATES AIR FORCE
Assistant in Air Science
- DAVID MANSFIELD BUNNELL, B.S. 1954 (TRINITY) *Assistant in Chemistry*
- HSI-CHUANG CHIEN, B.S. 1953 (TAIWAN COLLEGE OF ENGINEERING)
Assistant in Chemistry
- MALCOLM HOLLOWAY FORBES, B.S. 1954 (YALE) *Assistant in Chemistry*
- ALAN SAMUEL WHITMAN, B.S. 1956 (TRINITY) *Assistant in Chemistry*

PART-TIME FACULTY

- GOODWIN BATTERSON BEACH, B.A. 1907 (HARVARD), M.A. 1931 (TRINITY),
LITT.D. 1953 (LEEDS) *Instructor in Latin*
- † Christmas Term 1957-58.

- JAMES LEO NOONAN EGAN, B.A. 1937 (TRINITY), LL.B. 1942 (HARVARD)
Lecturer in Roman Law
- CHARLES BENNER FERGUSON, B.A. 1941 (WILLIAMS) *Instructor in Fine Arts*
- HANS FRIEDRICH FRESE, B.S. 1933, M.A. 1935 (NEW YORK UNIVERSITY), PH.D.
1937 (MARBURG) *Assistant Professor of German*
- JOHN FRANCIS REGAN, MAJOR, UNITED STATES AIR FORCE RESERVE, B.S. 1940
(SPRINGFIELD), M.A. 1951 (NEW HAVEN TEACHERS)
Associate Professor of Air Science
- MARJORIE VAN EENAN BUTCHER, B.A. 1947, M.A. 1949 (MICHIGAN)
Instructor in Mathematics

STANDING COMMITTEES OF THE FACULTY

- ACADEMIC CEREMONIES - The Dean*, Chaplain*, Dando*, Nichols*, Candelet*, Ass't to the President*, Alumni Secretary*, Butler*, Oanh (1), Watters (1), Estarellas (2), Hansen (2), Hood, H. (2).
- ADMINISTRATION - The Dean*, Dean of Students*, Chaplain*, Secretary of Admissions*, Andrian (1), Black (1), Manning (1), Neaverson (1), Chapman (2), Herdman (2), Thompson (2).
- ADMISSIONS - The Dean*, Dean of Students*, Secretary of Admissions*, Davis (1), Gilpin (1), Williams (1), Smith (2), Taylor (2).
- ATHLETIC ADVISORY COUNCIL - The President*, Treasurer*, Director of Physical Education*, J. Bonee, F. Tansill, N. Shepard, Notopoulos (3), three students.
- CATALOGUE - Secretary of the Faculty*, Director of Public Relations*, Benton (1).
- COMMITTEE ON COMMITTEES - Hood, T. (1), Smellie (2).
- CURRICULUM - The Dean*, Dean of Graduate Studies*, Notopoulos (1), Towle (1), Trousdale (1), Leavitt (2), Smellie (2), Souerwine (2), Cooper (3), Klimczak (3), Van Stone (3).
- GRADUATE STUDIES - Dean of Graduate Studies*, Kingsbury (1), Waterman (1), Bobko (2), Morris (2), Candelet (3), Kurtz (3), McNulty (3), Oanh (3).
- JOINT COMMITTEE ON APPOINTMENTS AND PROMOTIONS - The President*, Dean*, Trustees: L. B. Brainerd, J. R. Cook; Faculty: Dorwart (1), Thompson (2).
- JOINT COMMITTEE ON EDUCATIONAL POLICY - The President*, Dean*; Trustees: N. C. Brainard, R. B. O'Connor, J. R. Reitemeyer; Faculty: Berger (1), Means (2), Constant (3).
- LECTURES AND ENTERTAINMENT - Barber (1), Campo (1), Sapega (1), Stewart (1), Allen (2), Cameron (2), Gilpin (2), Pappas (2); two students elected by the Senate.
- LIBRARY - Librarian*, Angell (1), Cherbonnier (1), Ferwerda (1), Merriman (1), Whittlesey (1), Worrall (1), Bankwitz (2), Lindsay (2), Lockwood (2), Morse (2), Naylor (2).
- SCHOLARSHIP - The Dean*, Registrar*, Chaplain*, Secretary of Admissions*, Director of Placement*, Bankwitz (1), Meade (1), Constant (2), Gates (2).
- STUDENT ORGANIZATIONS - The Dean*, Dean of Students*, Chaplain*, Treasurer*, Lacy (1), Naylor (1), Zimmering (1), Anderson (2), Cochrane (2), Risdon (2), Scheuch (2); President and Treasurer of the Senate.

* Ex officio.

COLLEGE MARSHAL - Dando.

MACE BEARER - Candelet.

SECRETARY OF THE FACULTY - Towle.

ORATOR - Notopoulos.

COMMITTEE ON THE USE OF ENGLISH - Williams (Chairman), The Dean*, Burger, Candelet, Taylor, Thompson, Towle.

FRESHMAN ADVISORY COUNCIL - Bridge (Chairman), Bankwitz, Butler, Cochrane, Dando, Downs, Kraft, Lacy, Leavitt, Morse, Muir, Nichols, Potter, Risdon, T. Smith, Stewart, Trousdale, Whittlesey, Wild, Williams, Zimmering.

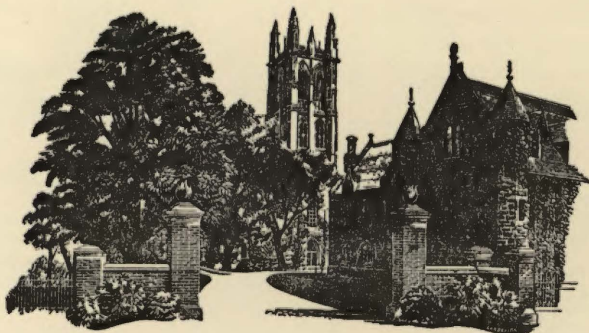
COMMITTEE ON RELIGIOUS LIFE - The President*, Dean*, Andrian, Black, Candelet, Chapman, Constant, Davis, Downes, Kraft, Kurth, Means, Smellie, Tucker.

* Ex officio.

The President is a member *ex officio* of all Committees.

PRESIDENTS OF THE COLLEGE

Thomas Church Brownell	1824-1831	George Williamson Smith	1883-1904
Nathaniel Sheldon Wheaton	1831-1837	Flavel Sweeten Luther	1904-1919
Silas Totten	1837-1848	Henry Augustus Perkins,	
John Williams	1848-1853	<i>Acting President</i>	1919-1920
Daniel Raynes Goodwin	1853-1860	Remsen Brinckerhoff Ogilby	1920-1943
Samuel Eliot	1860-1864	Arthur Howard Hughes,	
John Barrett Kerfoot	1864-1866	<i>Acting President</i>	1943-1945
John Brockelsby,		George Keith Funston	1945-1951
<i>Acting President</i>	1866-1867	Arthur Howard Hughes,	
Abner Jackson	1867-1874	<i>Acting President</i>	1951-1953
Thomas Ruggles Pynchon	1874-1883	Albert Charles Jacobs	1953-



The Administration

ALBERT CHARLES JACOBS, LL.D.

President

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JOHN ANDREW MASON, B.A.	<i>Assistant to the President</i>
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FRANCIS GARDINER F. BRIDGE, A.B.	<i>Director of Admissions</i>
THOMAS ALOYSIUS SMITH, M.A.	<i>Associate Director of Admissions and Freshman Adviser</i>
DALE WILFRED HARTFORD	<i>Assistant Director of Public Relations</i>
WILLIAM HOWIE MUIR, II, B.A.	<i>Assistant Director of Admissions</i>
ROBERT WALLACE BACON, B.A.	<i>Alumni Secretary</i>

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JOSEPH CORNELIUS CLARKE, M.A.	<i>Dean of Students and Registrar</i>
ROBERT MAIER VOGEL, ED.D.	<i>Dean of Graduate Studies and Director of Summer School</i>
JOHN EDWARD CANDELET, LL.D.	<i>Veterans Counselor</i>
FRANCIS LUDWIG LUNDBORG, M.D.	<i>Medical Director</i>
JAMES MOULTON THOMAS, A.B., B.D.	<i>Chaplain</i>

BUSINESS

JAMES KENNETH ROBERTSON, M.B.A.	<i>Treasurer and Comptroller</i>
ERNEST WILLIAM EVENSON, M.A.	<i>Assistant Comptroller</i>
HAROLD WARING MESSER, B.S.	<i>Cashier</i>
NORMAN ATWOOD WALKER, B.S.	<i>Property Manager</i>
TRACY WOLCOTT JUDSON	<i>Assistant Property Manager</i>

LIBRARY

DONALD B. ENGLE, M.A.	<i>Librarian</i>
GEORGE W. ADAMS, B.L.S.	<i>Reference Librarian</i>
LAURA B. SCHATZ (MRS.)	<i>Order Librarian</i>
MARIAN M. CLARKE (MRS.) B.L.S.	<i>Serials Librarian</i>
ELIZABETH N. IVES, B.L.S.	<i>Catalogue Librarian</i>
MARGARET A. WRIGHT, M.S.L.S.	<i>Assistant Catalogue Librarian</i>
RUTH A. KERR, B.A.	<i>Watkinson Librarian</i>
GROM M. HAYES, M.A.	<i>Watkinson Catalogue Librarian</i>
MARION W. CARMICHAEL (MRS.)	<i>Circulation Assistant</i>

HARMONA R. POTTER, M.A.	<i>Circulation Assistant</i>
ANNA E. ANGELO	<i>Catalogue Assistant</i>
SALLY ANN LOCKE	<i>Secretary</i>
CATHERINE L. BILL, (MRS.) B.A.	<i>Order Assistant</i>
VIRGINIA C. LOW, (MRS.)	<i>Serials Assistant</i>
SANDINA M. GAROFALO	<i>Watkinson Catalogue Assistant</i>

ADMINISTRATIVE STAFF

EVELYN M. ANDERSEN, B.S.	<i>Evening School Office</i>
HARRIET W. ANDERSON (MRS.)	<i>Air R.O.T.C.</i>
ETHEL J. BEAUMIER	<i>Personnel Assistant</i>
ELISABETH BELDEN	<i>President's Office</i>
CAROL R. CORVO	<i>President's Office</i>
MARY LEE CURRY	<i>Dean's Office</i>
PRISCILLA A. DAVIS	<i>Faculty Secretary and Veteran's Office</i>
DIANE M. D'ESOP	<i>Admission's Office</i>
ZOLA F. EVANS (MRS.)	<i>Placement Office</i>
AGATHA K. GALLO (MRS.)	<i>Development Office</i>
JOAN B. GALLUP	<i>Treasurer's Office</i>
MYRTLE O. HARPER (MRS.)	<i>Treasurer's Office</i>
MARGARET K. HAYNES (MRS.)	<i>Chaplain's Office</i>
HAZEL E. HELD	<i>Alumni Recorder</i>
THEODORA D. HOLMAN (MRS.)	<i>Central Services Office</i>
DORIS E. KINGSBURY (MRS.)	<i>Public Relations</i>
ELIZABETH A. KLIMANOSKI (MRS.)	<i>Development Office</i>
EDWARD J. KYRCZ	<i>Treasurer's Office</i>
JOYCE E. LAPORTE	<i>Admissions Office</i>
EVELYN J. MANDZUK	<i>Central Services Office</i>
DORIS MERWIN	<i>Dean's Office</i>
ROSE B. NELSON (MRS.)	<i>Treasurer's Office</i>
ELEANOR M. O'BRIEN	<i>Physical Education Office</i>
MARGARET E. OLMSTED, B.A.	<i>Development Office</i>
RUTH C. ROGGE (MRS.)	<i>Recorder</i>
RUTH B. ROSEN (MRS.)	<i>Placement Office</i>
HARMON B. RUSSELL	<i>Manager of the Union Store</i>
STELLA S. RUSTIGIAN (MRS.)	<i>Treasurer's Office</i>
FRANCES G. SCOTT (MRS.)	<i>Treasurer's Office</i>
AMELIA SILVESTRI (MRS.)	<i>Public Relations Office</i>
VICTORIA H. SMITH (MRS.)	<i>Dean's Office</i>
HOLLY STEPHENSON	<i>Property Manager's Office</i>
PATRICIA A. VANNIE (MRS.)	<i>Chemistry Department</i>
ROSEMARY G. WERDELIN (MRS.)	<i>Central Services Office</i>
JOHN A. WILLIAMS	<i>Manager Central Services Office</i>

A Trinity Education

TRINITY aims to perfect the intellectual and moral capacities of the individual by providing him with a thorough training in the liberal arts. Such training, the College believes, is productive of those two qualities which President Albert C. Jacobs sees as the chief components of individuality, namely, "breadth of vision and depth of spirit." "Trinity," the President has said, "is irrevocably committed to the liberal arts tradition; to a personal type of education centered on the uncommon man."

The above commitment is based on the College's firm conviction that a liberal education is vital to the full flowering of the individual. It not only furnishes him with ideals and a sense of values that remain and endure but also teaches him that there is more to living than service to self, a purpose beyond self which the educated man should serve. This spirit of selfless purposeness, the President has wisely remarked, is one "the world of today so desperately needs."

Trinity does not see its primary function as the training of students to make a living as businessmen, industrialists and doctors, as ministers, lawyers and engineers. It believes in training students how to live, and to live wisely. At the same time, it also seeks to furnish its students with the requisite foundation that will enable them to operate in all fields. Leaders in business, industry, and the professions have increasingly recognized the fundamental value of a liberal education for those who enter their ranks. Such an education provides the knowledge, understanding, and discipline necessary for a specialized career. Trinity graduates thus have the advantage of entering their chosen field as self-reliant, responsible, and enlightened citizens fit for democratic life, their characters a proper blending of knowledge, integrity, kindness, and Christian ideals.

Many decades of experience at Trinity have indicated that an education in the liberal arts offers the best means of attaining the above aim. For four years a Trinity student lives in an environment and takes a carefully guided selection of liberal arts courses which insure: 1) an acquaintance with the most important fields of human achievement, 2) experience leading to the development of certain traits and habits which are important for success and a well-rounded life, and 3) an opportunity to discover and to prepare broadly for the special field of endeavor in which he will earn his living.

To be most effective such training requires personal guidance by a select faculty who have not only the highest academic and ethical standards but who also have a proper appreciation of the worth of the individual and of the importance of personal contact with the student. Trinity meets these specifications. Its size is restricted so that classes may be kept small and personal relations fostered between the student and the teacher whose main interest is teaching. The faculty "have been selected with meticulous care" and are ever mindful of their responsibilities to the

youth entrusted to them. Trinity's approximately nine hundred young men and one hundred teachers operate as a family united in the common purpose of learning.

Today, amid the rising tide of college students in this country, Trinity emphasizes a quality education and is prepared to withstand the pressure of quantity. President Jacobs has proclaimed in a recent report, "It is our present thinking that Trinity will render the most effective service by remaining at approximately its present size and by strengthening the fundamental training in the liberal arts which we seek to provide." With classes averaging just over fifteen men, with a curriculum which is subject to constant study for improvement, with a faculty conscious of their high mission, with a religious atmosphere, Trinity is equipped to provide the finest type of liberal education. The high quality of a Trinity education is made possible through many generous gifts of the past and present which built the six-million dollar plant and provide endowed funds to cover almost half the cost of educating each student.

In the city outside the campus gates, Trinity students are able to mix in an urban society similar to that in which the vast majority will live after their graduation. Trinity is the only small New England men's college in a metropolitan center. The English-style quadrangle of the main buildings is located on a hill in the southwestern section of Hartford. An eighty-acre campus, noted for its beauty, preserves the advantages of a rural setting and scholarly seclusion. Close at hand, however, are businesses, industrial plants, museums, libraries, the state government, and a wealthy, progressive, and cultured city where opportunities abound for the enrichment of student life. Further, Hartford is about three hours distant from New York and Boston.

As a result of its many advantages, Trinity graduates men well qualified for leadership in their chosen vocations and their communities. Over six thousand alumni are scattered throughout the country, and many have become outstanding businessmen, writers, ministers, industrialists, or public servants. Approximately one in ten are educators, a large number of them in colleges and professional schools. Through the years fifteen or more alumni have become college presidents. About one in twelve of all physicians and surgeons in Hartford County are graduates of Trinity's fine pre-medical course. A number of men have distinguished themselves in science and engineering, both in research and the practical field of industry. Because of the records of her alumni, graduate schools have a high regard for Trinity's pre-professional programs.

To public service—legislative, judicial, executive, and diplomatic—many contributions have been made. Among these are found at least ten representatives in Congress, eight judges of state courts, five governors, and lieutenant governors. The profession of law is strong with many leaders of bench and bar. Among the alumni in business some are numbered among the nation's foremost business leaders. Many are serving as officers of manufacturing, banking, railway, steamship, insurance, mer-

chandising, and service firms. There are a significant number of alumni engaged in television, newspapers, publishing, radio, and advertising. About two in every hundred alumni are listed in "Who's Who in America."

To the ministry of all faiths, living alumni are contributing approximately two hundred clergy and nine bishops. Although the greatest contribution has been to the Episcopal Church, Trinity also numbers among its graduates Roman Catholic and Protestant clergymen, two superintendents of the Connecticut Congregational Church, and outstanding Jewish spiritual leaders.

While Episcopal churchmen led the movement for Trinity's founding as the state's second college in 1823, Trinity has always been a college for men of all religious faiths and creeds.

HISTORY

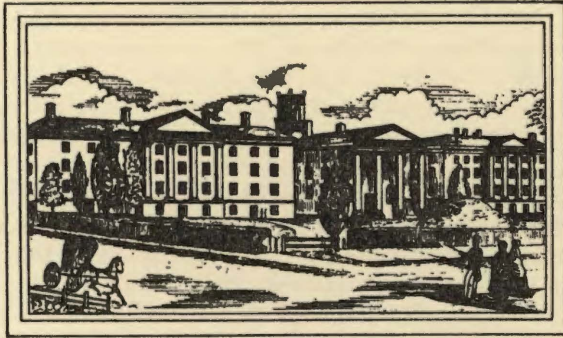
The history of the founding of Trinity goes back to the first decade of our national constitution and the term of Samuel Seabury, first Bishop in America, who called a convocation of Clergy in 1792 to consider ways and means of founding a second college in Connecticut. It was 30 years later before another meeting of 18 Clergy, called by Bishop Thomas Church Brownell in 1822, was to initiate action successful in breaking the dominance of established Congregationalism over higher education in Connecticut. Students and faculty at Yale in those days were required to subscribe to the Saybrook platform of religious belief. Citizens of many denominations consequently rallied behind Episcopal leadership in persuading the legislature "that great advantages would accrue to the State, as well as to the general interests of literature and science, by establishing within the State another collegiate institution."

In broadening the base of higher education, the Connecticut Legislature issued a charter for "Washington College" on May 16, 1823, with a provision written by the founders that the ordinances of the college "shall not make the religious tenets of any person a condition of admission to any privilege in the college"—whether as a student or teacher. Thus, at Trinity's foundation, the principle of religious freedom in education was firmly established.

The bonds with the Episcopal Church being those of tradition and mutual purpose rather than of law, Trinity has held to the importance of spiritual development within each man's own faith, making no compromise with religious indifference or the error that freedom of religion means that religious values should be avoided in education.

After much discussion, and competition among many Connecticut cities, this forty-first college founded in America was located in Hartford. First instruction was in a private residence on Main Street, but by 1825, the College had occupied two brownstone buildings erected "about a mile from the city . . . near a thick forest" at the present site of the State Capitol. One of these buildings was designed by Samuel F. B. Morse, inventor of the telegraph. Its portico is shown in the College seal. The

other building was designed by Solomon Willard, architect of the Bunker Hill monument.



OLD CAMPUS

Starting with nine men, the College grew steadily and at the present time the enrollment figure stands just over nine hundred. On the old campus life was vigorous and regulated. Classes started at five a.m. in summer and six in winter. There was to be, for example, "no playing of musical instruments on Sunday." Fellowship was not lacking, however, with the first fraternity established in 1829. In addition to the classical courses, the first curriculum called for work in political economy, natural philosophy, chemistry, mineralogy, geology, and botany; an emphasis on science and practical studies unusual in that day. Thus, Trinity's curriculum since its inception has required for undergraduates work in the three great areas of general education: the humanities, the social studies, and the natural sciences.

Very early, too, it won academic distinction. In 1845 it was granted a chapter of Phi Beta Kappa, being the eighth college in the country so honored. This same year was marked by other significant events. Since the original name "Washington College" had been taken by several other institutions, the name was changed to "Trinity,"—in emulation of the famous colleges of the same name at Oxford and Cambridge.

The Library of the College attained distinction at an early date. The first professors pooled their personal collections, and one of their number, Nathaniel Wheaton, was sent to England in 1824 to obtain books and funds for the new institution. By 1952 the Library had grown to a collection of 225,000 volumes. In that year Trinity's book resources reached a size and distinction equalled by few colleges in this country when it was combined with the Watkinson Library and moved into a new and modern building on the Campus. The Watkinson Library, an endowed collection of 130,000 volumes, until then had been located in downtown Hartford.

Tiny by today's standards, the College made an unusual record in those early days under the leadership of two distinguished presidents, Bishop

Brownell, the founder, and Nathaniel Wheaton. One class of 17 men produced a key diplomat who was to be President Lincoln's envoy to France during the Civil War, an archbishop of the Roman Catholic Church, the editor of the New York Post, an outstanding physician who was also author of nine books on American history, health, conduct, and travel, a representative in Congress, and Trinity's famed fourth President, John Williams, Bishop of Connecticut. An Episcopal church historian estimated that by 1850, Trinity supplied a tenth of all the Episcopal clergy in America and a third of those in Connecticut.

When Hartford was made the sole capital of the State, the city selected College Hill as the location for the new State Capitol Building. Therefore the old campus was sold to the city in 1872 and with the proceeds the College acquired the present campus, known by the early colonists as Rocky Hill. During the Revolution it was called Gallows Hill, and was the place for public executions. The cliff area, known as the Stone quarries, was later given to the city with a provision that the land be maintained as Rocky Ridge Park.

The years between the move to the present campus and the turn of the century were those of great economic growth for our country. The need for civic and business leadership was reflected in a slowly growing college and in a broadening of the vocational activity of its graduates.

Intercollegiate sports were born in those days, and Trinity took an influential part in their founding. The College was one of the charter members of the first intercollegiate athletic association, formed in 1875, and of the New England Intercollegiate Athletic Association organized 11 years later. Trinity's major sports rivalries are among the oldest in intercollegiate competition, with baseball starting in 1870, football in 1877, and basketball in 1896. That first football game, played against Yale, made Trinity the twelfth college to take up the sport, and was also noteworthy for Trinity's introduction of the first football uniforms in history. Other Trinity sports "firsts" came in 1858 in forming the earliest intercollegiate rowing association and in 1882 when the College took the leadership in organizing the Intercollegiate Lawn Tennis Association and was host at its first meeting.

These were years of the full strength of a great classical tradition which has continued strong into Trinity's second century. And in these years, too, came the first of the great investments for the future made in Trinity by four generations of the great Morgan family, Northams, Mathers, Eltons, Goodwins, Woodward, Jarvis, Scovills, and many others.

Science won new emphasis as the century closed with two great laboratory buildings to house them. Trinity's older graduates today remember with affection President Flavel S. Luther, close friend of Theodore Roosevelt, and a host of memorable teachers of the first two decades of the Twentieth Century. Several of the teachers who came to Trinity in the early twenties are today senior members of the Faculty and Emeritus Professors, having participated in the period of the College's greatest

growth under the Presidencies of two remarkable men: the Reverend Dr. Remsen B. Ogilby (1920-43) and Keith Funston (1945-51).

A rugged individualist, Dr. Ogilby left the imprint of his strong personality on college tradition, students and the buildings themselves. He doubled the number of major buildings, upped endowment by 250 per cent, increased the Faculty from 25 to 62 and raised the student body from 167 to 530 during his 23-year term. Perhaps the last of the College's 11 Clergy-Presidents, he insured the dignity of religion on campus for all time in building the beautiful Chapel and making it both symbolically and geographically the center of the campus.

Keith Funston came from World War II service to Trinity with the returning veterans. The student body was increased to 900 and when it was found that the personal relationship of teacher and student could be retained in a college of that size, the Trustees decided to maintain that enrollment. To finance the enlarged service and counteract post-war inflation, President Funston secured increases of resources from eight to 13 million dollars, building dormitories, laboratories, a field house, and a new library, as well as landscaping and beautifying the campus. Now President of the New York Stock Exchange, Mr. Funston continues as a Trustee of the College.

The Fourteenth President of the College combines the qualities of a great teacher with recognized ability as an administrator. He is Dr. Albert C. Jacobs, former chancellor of the University of Denver, provost of Columbia University under President Eisenhower, and professor of law at Columbia for 21 years. As a spokesman for Christian liberal education and an interpreter of the principles of American freedom, he has been widely honored.

THE CAMPUS

Trinity's eighty-acre campus with its broad lawns and ivy-covered buildings overlooks the city of Hartford from the southwest.

When the College undertook to move to the present location, the Trustees chose as architect of the new buildings one of the most distinguished men of his day, William Burges of England. With the stately buildings of Oxford and Cambridge in mind, Burges proposed an elaborate plan of closed quadrangles.

Seabury and Jarvis Halls, the first units built in 1878, and the connecting unit, Northam Towers (1881), are constructed of native brownstone quarried from the river banks at Portland. Seabury, Jarvis and Northam Towers run north and south, and form the western side of the quadrangle. In front of these buildings extends Trinity's famous "Long Walk," approximately one-sixth of a mile in length.

Thus, Trinity had what Montgomery Schuyler, a noted turn-of-the-century architect, called "the most appropriate and attractive architecture for a place of education for English-speaking mankind." Burges was credited with having created at Trinity the first collegiate Gothic in America, one of the most imposing groups of college buildings in this

country, even before the great extensions of the 1930's. Their influence on college architecture in this country has been very great. Although Burges' plans for the entire campus were never carried out, all the additional buildings harmonize with his works.

Northam Towers contains dormitory rooms for upperclassmen. Many of the college classrooms are located in historic *Seabury Hall*, adjoining Northam Towers on the south. The distinctive charm of the Seabury rooms, no two of which are alike, expresses the intimacy for which Trinity is noted. In Seabury also are faculty offices and seminar rooms, the student post office, the bookstore, and a commons lounge. Joining Seabury is *Cook* dormitory (1931) containing Cook Lounge, the college medical offices and Hamlin Dining Hall.

Jarvis Hall adjoins Northam Towers to the north and serves as a dormitory for upperclassmen. The northern end of the quadrangle is composed of *Williams Memorial* (1914) containing administrative and faculty offices; the *Downes Memorial Clock Tower* (now under construction); and *Mather Chapel* (1932).

The *Goodwin* and *Woodward* dormitories (1940), the *Chemistry Laboratory* (1936) and the *College Library* (1952) complete the quadrangle buildings on the south.

Trinity's *Chemistry Laboratory* building, given by Walter P. Murphy, is still one of the nation's most up-to-date teaching laboratories. In addition to four large laboratories, it includes several lecture and classrooms, research rooms, faculty offices, an auditorium seating 500, and the Riggs Memorial Chemical Library in tribute to Robert E. Riggs, Scovill Professor of Chemistry from 1887 to 1920.

The Hallden Engineering Laboratory was given by Karl Hallden '09 in 1946, was doubled in size in 1953, and a third gift in 1957 provides for a two-floor addition (presently under construction) which will triple the laboratory space. Built of brick with Indiana Limestone trim, it is located at the south end of the campus. The laboratories are equipped for fundamental courses in drawing, materials, fluid mechanics, and mechanical and electrical engineering.

Jarvis Laboratory (1888) and *Boardman Hall* (1900) stand beyond the quadrangle to the south. Jarvis Laboratory was the gift of the late George A. Jarvis. In this building the Physics Department has two large laboratories for work in the elementary courses and several smaller laboratories adapted to advanced work of special character. One room houses a six-inch cyclotron.

In Boardman Hall are to be found the biological laboratories, well equipped with materials for instruction in the undergraduate courses, the geology laboratories, containing numerous specimens of rocks, minerals, and fossils suitable for handling in class work, and the psychological laboratories constructed and equipped primarily for student work in various fields of testing.

The *College Museum of National History*, also housed in Boardman

Hall, contains collections of geological and zoological material useful in instruction. It is also open for public inspection. The mineral and rock exhibits are extensive and include many rare and unusual forms; especially notable is the Caswell collection of minerals. The Sage and Wood collections of native and migrating birds, on loan from the Wadsworth Atheneum, the Trowbridge Collection of birds eggs, and a fine display of mounted kinds combine to offer an unusually fine ornithological exhibit. In the division of paleontology, the collections of fossil skeletons provide important exhibits depicting the evolution of the horse and the elephant.

Beyond Boardman Hall are to be found *Elton Hall*, (1948) and the *Freshman Dormitory* (1953) in which are found the living quarters for members of the freshman class.

Located on Vernon Street, to the north of the main quadrangle are *Ogilby Hall* (1941), a modern dormitory for upperclassmen; the President's home; and the fraternity houses.

The College athletic facilities include 19 acres of playing fields, the Trowbridge Memorial Swimming Pool (1929), twelve tennis courts, a new Memorial Field House (1948) with a sports annex, and Alumni Hall gymnasium (1887).

Trinity Field, for varsity competition, includes a football field, a baseball diamond, and a track which are among the best in small New England colleges. Normal spectator capacity of the field is 7,000. In addition, there is a freshman baseball diamond, a varsity soccer field, two football practice fields, and a half-dozen intramural fields.

The Memorial Field House includes a tenth of a mile track, a removable basketball floor, and 27,225 square feet of space for a baseball infield or many other sports. It will seat 2,500 basketball spectators or 2,800 persons for public meetings.

The Trowbridge Memorial Building, adjoining the Field House contains a 75 by 30 foot swimming pool, a battery of six squash racquets courts, and locker facilities. The annex connecting the Field House with Trowbridge Memorial includes offices, a laundry, sports rooms, training rooms and additional locker facilities.

Alumni Hall, located at the north end of the campus, contains locker rooms, a trainer's room, and two intramural basketball floors which are also used for volleyball, badminton, and physical education classes. The gym is equipped with apparatus for boxing, wrestling, fencing, gymnastics and corrective exercises.

THE LIBRARY. The library is the focal point of the modern college. Trinity's library, a modern, fireproof structure embodying the latest in library construction, is located at the southeast corner of the quadrangle. It has space for 500,000 volumes and accommodations for 350 readers. Its present resources include approximately 370,000 volumes, giving Trinity one of the largest library collections among colleges of comparable size.

The library facilities are comprised of two principal collections: The

College collection, which contains some 240,000 volumes and nearly 100,000 pamphlets; and the Watkinson Library, a distinguished collection of some 130,000 volumes of research materials in the humanities including 200 incunabula. The Trinity library also subscribes to over 450 current periodicals and adds approximately 5,000 books to its shelves each year.

Many works of great value and interest are contained in the Trinity collection including two Greek manuscripts of the twelfth century, several illuminated Latin Books of Hours of the fourteenth and fifteenth centuries, fine examples of books printed before the year 1500, rare mathematical and medical works of the sixteenth, seventeenth, and eighteenth centuries, the engraver's exceptionally fine copy of Audubon's great work, *Birds of America*, and first editions of the works of the most prominent English and American writers.

The wealth of library resources at Trinity makes it possible for students not only to read widely in a variety of subjects but also to carry out considerable personal research. The Hamlin Memorial Reading Room contains the selected volumes for the famous Trinity Reading Course.

During term time the College Library is open from 8:30 a.m. to 10 p.m. Monday through Friday, from 8:30 a.m. to 5 p.m. on Saturday, and from 2 p.m. to 10 p.m. on Sunday.

The following library collections in the city of Hartford are also available to Trinity students for reference purposes: THE HARTFORD PUBLIC LIBRARY; CONNECTICUT STATE LIBRARY; CONNECTICUT HISTORICAL SOCIETY; CASE MEMORIAL LIBRARY (Hartford Seminary Foundation); HARTFORD BAR LIBRARY ASSOCIATION; UNIVERSITY OF CONNECTICUT SCHOOL OF LAW LIBRARY; HARTFORD MEDICAL SOCIETY LIBRARY; CHARLES D. HINE LIBRARY (Connecticut State Department of Education).

THE CHAPEL. The Trinity campus is dominated by its limestone Chapel, one of America's most beautiful examples of pure Gothic architecture, given by the late William G. Mather, '77, in memory of his mother. The interior of the Chapel is widely known for its woodcarvings done by Gregory Wiggins of Pomfret, Connecticut, which represent not only religious scenes but also some of the great American traditions. The stained glass windows by Earl Sanborn are also excellent examples of the craft. Besides the Main Chapel, the building includes the Chapel of the Perfect Friendship in which the flags of the fraternities are displayed, a Crypt Chapel for smaller services, an Aeolian-Skinner organ by G. Donald Harrison, and two small organs on which students may practice, the thirty-bell Plumb Memorial carillon, music room, and the Chaplain's offices.

The College Chapel is open to visitors at all times during the day and all regular services are open to the public. The Chapel and its facilities are available to students, alumni, and friends of the College for baptisms, weddings, funerals, and other special services. Arrangements may be made with the Chaplain.

COLLEGE BUILDINGS

Seabury Hall	1878	Albert C. Hamlin Dining	
Jarvis Hall (dormitory)	1878	Hall	1931
Northam Towers (dormi- tory)	1881	Chapel	1932
President's House	1885	Chemistry Laboratory	1936
Alumni Hall (gymna- sium)	1887	Woodward-Goodwin Dormitory	1940
Jarvis Laboratories	1888	Ogilby Hall (dormitory)	1941
Boardman Hall of Natural History	1900	Hallden Engineering Laboratory	1946, 1953, 1958
Williams Memorial (admin- istration)	1914	Memorial Field House	1948
Trowbridge Memorial (pool, squash courts)	1929	Elton Hall (dormitory)	1948
Cook Dormitory	1931	Library	1952
		Freshman Dormitory	1953
		Downes Memorial Clock Tower	1958

Admission To College

CANDIDATES for admission may obtain the necessary application forms by writing to the Office of Admissions, Trinity College, Hartford 6, Connecticut. Each candidate for admission will be advised of the procedure to be followed.

Trinity urges candidates to begin the application procedure shortly after the end of the junior year. The closing date for completing applications is March 15 of the year in which entrance is desired, but early applications give more time to complete the admissions procedure.

General Admission Policy

Trinity's charter states that the College shall not make the religious tenets of any person a condition for admission. Similarly, race, color, or economic circumstances have never been, and are not, considered in selecting candidates for admission.

Enrollment in the freshman class is limited to approximately 265 men. The numbers applying greatly exceed the number of places available. Consequently, admission to the College is the result of a selective process aimed at securing the best possible candidates and those who will profit most from a Trinity education.

Applicants are judged on three bases: 1. their academic promise and performance; 2. their qualities of character and personality; and 3. their accomplishments within their schools and communities.

The school record, the College Entrance Examination Board Tests and the personal recommendations from school administrators and teachers are given almost equal weight by the Committee on Admissions. Candidates should be well prepared for Trinity's academic work. They should also be willing and able to take part in one or more of the many campus and community activities which are open to them.

Since Trinity is a national institution, some special consideration is given to geographical distribution in the selection of candidates providing they meet fully the College's requirements for admission.

Sons of alumni who meet all the admissions requirements are given preference over other candidates of similar qualifications.

All freshman candidates and their schools will be notified of the Committee's decision, usually by May 1.

Secondary School Requirements

Trinity requires a diploma from an accredited secondary school and certification by this school in the following subjects:

English	Four years
Foreign Language*	Two years
Algebra	Two years
Plane Geometry	One year
History	One year
Laboratory Science	One year

In view of the increasing competition to the College, it is recommended that candidates offer more work in college preparatory courses than is listed above.

College Board Examination Requirements

Applicants for admission to Trinity College are required to take the Scholastic Aptitude Test given by the College Entrance Examination Board. It is the candidate's responsibility to request the College Board to report his scores to the Admissions Office.

Trinity College prefers that all candidates take this test in December or in January of their senior year, but this test may be taken in February or in March.

Although Achievement Tests in specific course subjects are not required, it is recommended that those candidates who take such examinations report the results to the College. These may be used for purposes of placement or guidance.

More detailed information about fees, dates, and registration forms for these examinations should be obtained by writing to the College Entrance Examination Board, P. O. Box 592, Princeton, New Jersey, or Box 27896, Los Angeles 27, California, whichever is nearer the applicant's home.

Interviews

It is recommended that candidates for admission arrange for an interview with an admissions officer of the College.

During the year the admissions officers visit many schools throughout the United States in order to meet and talk with prospective applicants about Trinity and its program.

Furthermore, in several of the larger cities in the East and Middle West†, prospective applicants may be interviewed by a member of Trinity's Alumni Interviewing Committee. However, in the case of applicants who do not apply well in advance of the March 15 closing date, it may be impossible to arrange an alumni interview.

* The Committee on Admissions strongly recommends that candidates continue the study of their foreign language through their final secondary school year so that there will be continuity between the secondary school and college courses in the same language.

† The Alumni Interviewing Committee has representatives in the following cities: Baltimore, Boston, Bridgeport, Buffalo, Minneapolis, New Haven, New York, Philadelphia, Rochester (N.Y.), Springfield (Mass.) and Washington, D.C.

Applicants are urged and cordially invited to visit the Campus if at all possible. The Admissions Office is open Monday through Friday from 9 a.m. to 5 p.m. It is also open Saturdays from 9 a.m. until noon from September through March.

To be assured of an interview while visiting the Campus, however, appointments should be made in advance, preferably during the fall or early winter. During the month of April applicants are not usually interviewed because the staff's time must be spent in evaluating applications as it selects the incoming class.

Advance Placement for Freshmen

Trinity's academic departments will consider applications from entering freshmen for advanced placement.

Many secondary school students take college level courses under the Advanced Placement Program of the College Entrance Examination Board. Students who wish to apply for advanced placement under this program are expected to take the Advanced Placement Tests of the College Entrance Examination Board.

Students who have taken college level courses in programs other than the CEEB Advanced Placement Program may request consideration for advanced placement in individual departments at Trinity.

All applications for advanced placement should be directed to the Director of Admissions.

ADMISSION TO ADVANCED STANDING BY TRANSFER

Trinity, as a rule, offers few places to men who wish to transfer from other colleges. Because of the small number of candidates actually accepted, only those candidates whose academic records are of good to excellent quality can seriously be considered.

Students at other accredited colleges who wish to transfer should write to the Director of Admissions requesting information about the procedure. The necessary forms and directions will then be sent to them. Briefly, the preliminary procedure for the transfer candidate is:

1. To submit his secondary school record;
2. To submit his college record through the most recent semester;
3. To request a faculty member of his college to submit a letter of recommendation;
4. To request the College Entrance Examination Board to submit the results of any tests he has taken;
5. To write a letter stating the reasons for transferring;
6. To send a catalog of his college or colleges to the Director of Admissions.

These data will be evaluated by the Committee on Admissions, and normally in late June the candidate will be informed whether he should continue with a final application.

Transfer applications may be made for entrance only at the beginning of the academic year in September, and such applications should be made before June 15.

No candidate will be considered who is not in good standing at his college.

An admitted transfer candidate may not apply for financial aid during his first year at Trinity.

As a general rule, transfer credit will be given for courses, comparable to those offered in the Trinity curriculum, in which the candidate has received grades of C or better. However, in all cases, the Registrar has the right to award or withhold credit.

THE TRINITY SUMMER SCHOOL

A summer school, for which a separate Bulletin of courses is published, is held at Trinity College each year. The courses offered are not so numerous as in the winter session, but duplicate in the main those of the winter terms. In a number of fields it is possible to complete a full year's work in a course during the summer session. Summer school courses and residence facilities are open to both men and women. A student must be a high school graduate and if he has been in attendance at another college, must be in good standing at that college to be admitted to the Summer School. In other words, students who have been required to withdraw from other colleges will not be accepted. All subjects offered carry degree credit. A number of courses are offered for graduate students.

CREDIT FOR WORK IN OTHER SUMMER SCHOOLS

Work of "C" grade or better done at an approved summer school may be counted toward satisfying the requirements for a degree. In order to have such work counted, application must be made to the Registrar and his approval secured before taking up the work. The applicant must state the courses proposed and the institution he proposes to attend. No course will be approved that duplicates other work submitted for degree requirements. The faculty reserves the right to examine upon all such work before allowing credit.

GRADUATE STUDIES

Trinity College offers a number of graduate courses in the evening during the regular academic year. These courses, which may lead to the degrees of Master of Arts and Master of Science, are designed for part-time students, and are open to both men and women.

Requirements for candidacy for the Master's degree and descriptions of graduate courses are contained in a separate Bulletin which may be obtained by writing to the Dean of Graduate Studies.

Financial Aid

GENERAL INFORMATION

In all cases where financial aid is sought, need must be demonstrated. The candidate and his parents should understand that need is the first requisite for financial aid. The Scholarship Committee does not expect candidates whose needs can be met from other sources to apply for aid from the College. It takes into full account outside scholarships or grants when determining need.

Scholarships at Trinity range in value from \$100 to \$1500. They may be renewed each year upon application so long as the candidate meets the terms of award and so long as his financial status remains unchanged. Scholarship funds are limited and, because of the increased demands for financial assistance, not all candidates can be awarded aid. However, a student may apply for financial aid during any college term, and it is sometimes possible for the Scholarship Committee to award aid to a student who, because of the competition, was not granted aid during a previous semester.

A number of endowed scholarships are open to students with particular qualifications. Lists of all scholarships available are found in The Directory section of this Bulletin, page 93.

Freshmen and sophomores receive financial aid in the form of scholarships, i.e., direct gifts. Because the Scholarship Committee has not had sufficient funds to meet the needs of all worthy candidates for financial aid, it has adopted a policy of combining scholarship grants with loans to some juniors and seniors, depending upon the nature of their scholarships. By so doing, the Committee has been able to extend financial aid to a greater number of candidates and to adjust more satisfactorily the total amount of aid to the individual candidate's actual need. In any given year, loans awarded to one student do not usually exceed \$200. It is not obligatory that a student accept a loan as a part of his total financial assistance and, if he does decline a loan, the amount of the scholarship grant awarded to him will not be affected.

TERMS OF AWARD

In addition to need, the candidate for financial aid must demonstrate the following qualities:

1. High academic standing and the promise of continuing academic success;
2. Integrity, courage, a sense of responsibility, and a positive character;
3. Influence for good over fellow students; and
4. Participation in extra-academic activities (a student who has not

been able to take part in extra-academic activities because of part-time employment should make this clear in his application).

If a freshman maintains a good academic standing, he will hold his award for the full academic year. However, he must achieve a passing grade with an average of 70 in five courses at the end of the year in order to be considered for renewal of his scholarship for the sophomore year.

At any time the Scholarship Committee may withdraw financial aid from a student for one or more of the following reasons:

1. Failure to maintain proper academic standing;
2. Evidence that all or part of the financial aid awarded him is not needed;
3. Failure to show proper economy with respect to college and personal expenses (the recipient of financial aid should not, for example, maintain an automobile during the academic year); and
4. A breach of college discipline or of civil law; any conduct generally unbecoming a Trinity student.

APPLICATION PROCEDURE

For Freshmen

Trinity, with more than 150 other colleges, is a member of the College Scholarship Service, Princeton, New Jersey, and all applications for financial aid are to be made on College Scholarship Service financial statement forms, and the applicant's need is determined in accordance with the procedure established by this organization.

For Upperclassmen

Since scholarships apply only for the year for which they are given, it is necessary for a student to file a new application if he wishes financial aid for successive years. Scholarships may be renewed if the student meets the Terms of Award. In addition, a freshman must achieve a passing grade with an average of 70 in five courses at the end of the year in order to be eligible for renewal of his scholarship. Other students must have a passing grade in five courses for the term immediately preceding their application, with the following averages: sophomores 75; juniors at midyears 75, at finals 80; seniors 80.

Upperclassmen must file applications for scholarships by May 20 with the Director of Admissions.

Members of the Senior class may make application for three fellowships for graduate study (see page 97). Applications for these fellowships must be made by February 15 with the Dean of the College.

BURSARY EMPLOYMENT

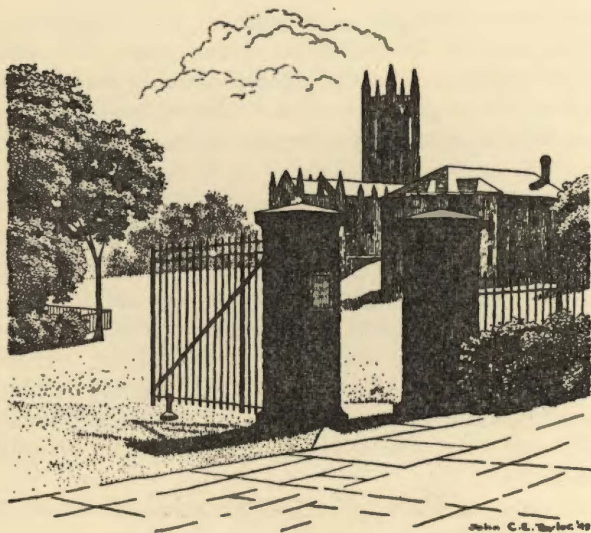
To assist further in meeting the needs of worthy candidates, the Scholarship Committee may combine part-time bursary employment

along with grants and loans as a part of the total financial assistance rendered. In general, this work consists of duties in the Dining Hall and Cafeteria. Ordinarily, such work does not consume more than fifteen hours a week.

STUDENT EMPLOYMENT

In addition to the above financial aid possibilities, there are a number of part-time positions on the campus which are available to students who are in need of financial help. Applications for work with the College must be made with the Placement Office. This office also serves as a liaison agent between students and outside employers.

While it has proved possible for students to earn a part of their college expenses by work outside of class hours, experience has shown that a freshman cannot expect to be able to take regular outside employment and at the same time maintain his studies satisfactorily. It is strongly recommended, therefore, that no student come to college unless he is able to maintain himself for at least the first half year without the necessity of earning funds for his college bills or his board.



College Expenses

GENEROUS friends have endowed the College with funds of over six million dollars. Income from these funds makes it possible for Trinity to give students an education which actually costs much more than the tuition charged. This is reflected not in a tuition lower than normal for most colleges but in improved instruction and facilities.

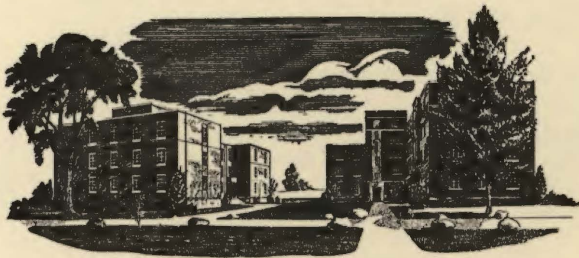
Bills for tuition and fees for board and room are rendered and are payable before the beginning of each term. Supplementary bills for extra courses and fees not included in the original billing will be rendered where applicable and are payable within ten days. A charge of five dollars is made for late payment. No deduction or refund is made for courses dropped, for absence, or for withdrawal from college for any reason.

Scholarship awards (see page 93) are credited to the student's account, half applicable to each semester's tuition during the year for which they are made.

As an associate of The Tuition Plan, the College is prepared to extend to parents or guardians the opportunity of paying tuition and other fees in equal monthly installments during the college year. The additional cost is small. Adoption of this plan is optional and intended solely as a convenience. Details will be included with the college bill.

Another helpful program, known as the Insured Tuition Payment Plan, is also available to our students. This plan includes prepayment on a monthly basis without interest and complete insurance protection on the earning power of the parent which at all times guarantees payment of the cost of the education planned. Inquiries should be addressed to: Insured Tuition Payment Plan, 112 Water Street, Boston 9, Mass. Please bear in mind that this plan must be arranged several months in advance of the semester involved.

All checks should be made payable to the "Trustees of Trinity College." Communications regarding bills should be addressed to the Treasurer. No student may receive his degree, or an honorable dismissal, until the Treasurer certifies that all his college bills have been paid, and that so far as the Treasurer knows there are no lawful claims against him.



THE FRESHMAN QUADRANGLE

SCHEDULE OF COLLEGE FEES

Tuition per term \$400.00

General Fee per year \$100.00

(Payable at the beginning of the year, and includes laboratory fees, student accident and sickness insurance, vocational tests and departmental book rental charges.)

Fees for extra courses over five per half course \$60.00

ADDITIONAL EXPENSES FOR RESIDENT STUDENTS

Board (College Dining Hall) 18 meals per week
approx. per term \$200.00

Room rent per term from \$115 to \$140

Please note: The above fees do not include the cost of books and classroom supplies (averaging \$25 per term), travel expenses, laundry, clothes, medical expenses, Sunday meals or fraternity fees.

DEPOSIT FEES

General Deposit Fee

(Payable at the beginning of the year) \$30.00

Against this deposit will be charged laboratory breakage, library fines, parking fines, room damage, and the cost of keys, athletic equipment, R.O.T.C. uniforms and equipment, auto tags, and other College property lost or not returned on schedule.

Degree Requirements

THE BACHELOR'S DEGREE

Study programs at Trinity lead to the Bachelor of Arts, the Bachelor of Science, and the Master of Arts, the Master of Science degrees. The course of study for the Bachelor's Degree extends over four academic years running from September to June. Most courses meet for three one-hour sessions each week, with additional sessions for laboratory courses. The normal schedule consists of five courses a year for each student. Twenty courses, or the equivalent in half-courses, are required for graduation.

Trinity has always prescribed a wide measure of each student's courses, a policy which has recently been reintroduced at many colleges. Many of these requirements for general education or a major study are within broad fields, rather than for specific courses, leaving a choice among related studies for each student. In addition, each student is free to choose electives which make up from a fifth to a third of his total course of study.

DISTRIBUTION

Trinity believes that a college course should provide each student with an understanding of scientific methods and appreciation of the part science plays in the modern world, a knowledge of the organization of modern society, and an appreciation of our cultural heritage. College experience should also develop in each student the tools for effective action—high standards of value, the power to analyze and ability to deal with abstractions, and effective expression in writing and speaking.

The objective of Trinity's curriculum during the first two years is to provide a general education by introducing the tools, basic facts, ideas and breadth which will provide a common body of knowledge on which to base the last two years of concentration in a major field of study. By such a program of distribution and concentration, liberal education is seeking to develop capacity for reason, imagination, and communication as the means to knowledge, judgment and character.

Since the subject matter of general education falls within three broad fields: *natural science*, *social studies*, and the *humanities*, courses are required in each field.

Bachelor of Arts candidates, for example, must fulfill two requirements in science. A course in mathematics works directly toward sharpening the power to analyze and deal with abstractions, and a laboratory science develops an understanding of scientific methods.

In the social studies, an integrated course in Western European History provides a foundation for studying the organization of modern society and human relationships.

Trinity's requirements in the humanities fulfill several educational aims.

Trinity requires a course in a foreign language beyond the elementary level as well as one course in English Composition, Reading and Speaking. Requirements in English or foreign literature, philosophy or religion, and creative arts have a direct effect on the development of standards of value and in presenting the record of human achievements. To cultivate an appreciation of our cultural heritage, each man selects a course from such choices as Latin, Greek, classical civilization, linguistics, history of art, world literature, ancient history, history of philosophy, or the Jewish-Christian sources of western culture.

Although details vary slightly, Bachelor of Science candidates also must fulfill requirements which work toward the development of standards of value, understanding of human relations, and appreciation of our cultural heritage. In consultation with his adviser, each science student selects at least three courses in English, Economics, Government, History, Psychology, or Philosophy.

CONCENTRATION

On this foundation in general education, Trinity bases complementary study in which a student can concentrate and explore more deeply the field of his special interest. Trinity's requirements in concentration are called "major studies." The major is usually decided upon at the beginning of the sophomore year and is the principal work of the junior and senior years.

The candidate for the degree of Bachelor of Arts may select a major in Classics, Economics, English, Fine Arts, German, Government, History, Modern Languages, Music, Philosophy, Psychology, Romance Languages, in the group study in Education, or in an interdepartmental program. The candidate for the degree of Bachelor of Science may major in Biology, Chemistry, Engineering, Geology, Mathematics, Physics, or Psychology, in the group studies in Education or Pre-Medicine, or in an interdepartmental program. Details of the requirements of each of these major studies can be found under the appropriate sectional headings in the section, Courses of Instruction, Page 65.

Special groupings of courses recommended for some vocations and professions are found in the section, Preparing for a Career, Page 58.

Electives

In addition to courses required for distribution and concentration, each student is free to complete his program by selecting courses of his choice. Men whose preparatory school education and required college courses may have left a gap in some area of general education are encouraged to take electives in that area. Other men may wish to supplement their major or pre-professional courses by studying subjects in allied or supplementary fields. Others may seek to become acquainted with a new subject that happens to interest them and affords personal profit and enjoyment.

THE FRESHMAN YEAR

Freshmen carry five courses as a normal load. Following are the courses open to freshmen:

Air Science (ROTC) 101-102	German 101-102; 111-112; or 211-212	Music 101, 102; 103-104; 105-106; 107-108; 109, 110
Biology 101-102	Greek 101-102; 112; or 201, 202	Philosophy 204, 207, 208
Chemistry 101-102; 103-104; or 105-106	History 101-102	Physics 101, 102; or 121-122
Engineering 131, 132	Italian 101-102; or 111-112	Psychology 141
English 101-102	Latin 101-102; 111, 112; or 121-122	Religion 101-102
Fine Arts 101, 102; 201-202	Linguistics 101, 101 (2)	Spanish 101-102; 111-112; or 211-212
French 101-102; 111-112; or 211-212	Mathematics 100, 101, 102	
Geology 101-102		

Bachelor of Science Candidates—The typical program which fulfills requirements for the first two years is as follows:

First Year

Mathematics 100, 101; or 101, 102
 English 101-102
 Foreign Language
 History 101-102
 An Elective

Second Year

Laboratory science
 Literature in English or Foreign Language
 Cultural Heritage Course
 Philosophy; Creative Arts (half-year each)
 An Elective

Freshmen taking ROTC may defer either History 101-102 or a language until their sophomore year.

Bachelor of Science Candidates—The typical program which fulfills requirements for the freshman year is:

Mathematics 101, 102
 English 101-102
 Physics 101, 102 or 121-122
 Modern Languages (Fr. 101-102 or 111-112 or Ger. 101-102, or 111-112. Spanish 101-102 or 111-112, Italian 101-102 or 111-112).
 An Elective

Freshmen are urged to discuss the various degree requirements with instructors in the departments concerned, so that they may make any advisable change in their choice of a course of study not later than the Sophomore year.

DEGREE REQUIREMENTS FOR ALL STUDENTS

A candidate for the degree of either Bachelor of Arts or Bachelor of Science must:

1. Attain a grade of 60 or better in 20 full-year courses, or their equivalent in half-year courses.

2. Attain a grade of at least 70 in 14 full-year courses, or their equivalent; or grades of at least 80 in enough courses to offset any excess of courses with grades below 70.
3. Complete satisfactorily the requirements for Chapel attendance. (See College Regulations, printed separately).
4. Complete satisfactorily the requirements in Physical Education. (See Page 86.)

Note 1: Effective with the class entering in September 1957 a student must, before being admitted in his third year at Trinity, attain a grade of at least 70 in five courses or their equivalent in half-courses.

Note 2: The Basic or Advanced Course of Air Science becomes a pre-requisite for graduation for students who elect work in that field.

REQUIREMENTS FOR THE BACHELOR OF ARTS DEGREE

COURSES IN DISTRIBUTION

Composition, Reading and Speaking:—one course (English 101-102).

Western European History:—one course (History 101-102).

Laboratory Science:—one laboratory course in Biology, Chemistry, Geology or Physics.

Literature:—one course, or two half-courses, in English or foreign literature.

Foreign Language:—one course (to be taken in college), in Latin, Greek, French, German, Italian or Spanish beyond the elementary course.*

Mathematics:—one course, Mathematics 100, 101 or Mathematics 101, 102.

Philosophy:—one half-course.

* Unless a student can show the Faculty Language Committee intent to work in fields requiring a particular language, the following rules apply:

- a. Students offering three or four years (units) of a foreign language shall continue that language in college.
- b. Students offering two years of a foreign language who have taken that language in their third and fourth years of preparatory schooling shall continue that language in college.
- c. Students offering two years of a foreign language who have not taken that language in their third and fourth years of preparatory schooling may either continue that language or begin a different one.

All students who must continue the language offered take a standardized placement test before the beginning of classes in the Christmas term. Students who must continue their foreign language are penalized one-half course credits if they are required to take a lower course. Students described in "c" who choose to continue their language will be subject to the same standardized test and procedure.

Creative Arts:—one-half course in Music, Fine Arts, Dramatic Technique, or advanced English Composition. (Not including English 205, 206).

The Classical and Christian Heritage:—one course, or two half-courses, from the following:

A course in Greek or Latin;

Classical Civilization 201-202 (Classical Literature in Translation), 203 (Roman Law), 204 (Classical Mythology);

English 243-244 (World Literature);

Fine Arts 208 (Classical Architecture);

History 203 (Ancient History of the Near East and Greece), 204 (Hellenistic and Roman History);

Linguistics 101 (Latin and Greek in Current Use);

Philosophy 311, 312 (Plato and Aristotle), 315 (Ancient and Medieval Philosophy);

Religion 101-102 (Jewish-Christian Sources of Western Culture), 201 (A Survey of Christian Thought).

COURSES IN CONCENTRATION

The Major:—All candidates for the B.A. degree must fulfill the quantitative course requirements for a major in Classics, Economics, English, Fine Arts, German, Government, History, Modern Languages, Music, Philosophy, Psychology, or Romance Languages or for the group study in Education or an Interdepartmental program, as listed under their respective headings beginning on Page 65.

The B.A. Degree with major will be granted to those students who in addition fulfill the qualitative in requirements in a major or group, and make grades of 70 or higher in each of their major courses.

The B.A. Degree without major will be granted to those students who fulfill the quantitative requirements for a major or group but fail to fulfill the qualitative requirements.

All required courses must be taken in the first two years of college with the following exceptions: the courses required to complete a major; exceptions made by the Dean for transfer students. In such exceptional cases, a Sophomore may postpone for one year one of the following three requirements: Classical and Christian Heritage; Literature; Creative Arts and Philosophy.

REQUIREMENTS FOR THE BACHELOR OF SCIENCE DEGREE

COURSES IN DISTRIBUTION

Composition, Reading and Speaking:—one course (English 101-102).

Social Science and Literature:—two courses, not to be taken in the same department, in English, Economics, Government or History.

Foreign Language:—one course in French, German, Italian or Spanish, beyond the elementary course, to be taken in college. (See footnote,* Page 42.)

Mathematics:—one course, Introduction to Analytical Geometry and Calculus. (Mathematics 101, 102.)

Philosophy and/or Psychology:—one course or two half-courses.

Physics:—101, 102 (Elementary) or 121-122 (General, Mechanics, Heat and Sound).

COURSES IN CONCENTRATION

The Major:—satisfaction of the requirements of a major in Biology, Chemistry, Engineering, Geology, Mathematics, Physics, or Psychology or of a group study in Education or Pre-Medicine or of an Interdepartmental program, as listed under their respective headings beginning on Page 65.

DEPARTMENT OF AIR SCIENCE

The Department of Air Science offers the four-year Air Force ROTC Program leading to a Second Lieutenant's commission in the United States Air Force. The first two years are known as the Basic Course and the last two years, the Advanced Course.

Enrollment in either course is voluntary, but once either is entered, the course becomes a prerequisite for graduation. Students enrolled in the Basic Course must complete the entire two years to receive college credit. Both Basic and Advanced Course students will take one full course or two half-courses in Air Science each year. Each course in the Basic and Advanced Courses is a prerequisite for the succeeding course and failure to complete successfully any course or half-course results in automatic discharge from the Air Force ROTC Program.

For the Basic Course, qualifications for entrance into college are all that are needed.

For enrollment in the Advanced Course a student must be under 26 years of age, pass a physical examination and have completed the Basic Course. Each application for the Advanced Course is subject to the approval of the Professor of Air Science and the President of the College.

Advanced Course students must sign a contract with the government agreeing to complete the Advanced Course, to attend a four-week summer training unit at an Air Force base, and to accept a reserve commission, if tendered, upon completion of the Course.

Students are furnished text books, equipment, and a uniform free of charge.

The government offers to defer students from induction into the Armed Services while enrolled in Air Force ROTC training, providing they maintain the required standards. An Advanced Course student will receive regular pay while enrolled at the College and during the summer training period for a total of approximately \$600.

REQUIREMENTS FOR THE DEGREES OF MASTER OF ARTS AND MASTER OF SCIENCE

Men and women holding Bachelor's degrees from colleges approved by the Faculty may apply to the Committee on Graduate Studies for admission as candidates for the degree of Master of Arts or Master of Science. Graduate study may be pursued in the evening, or summer sessions. Catalogues of the Graduate Studies and Summer Session are published separately.

Candidates must complete a total of five graduate courses, totaling 30 semester hours, at least three of which courses must be in his field of major study, and two of which may be in another field approved by the head of the department of major study. Students may be asked to write a thesis in place of one of the five regular courses.

Candidates must study at Trinity the equivalent of at least one year. Not more than six semester hours of credit will be given for work done at another institution.

Trinity undergraduates who desire to take extra courses to count later toward the Master's degree must receive the approval of the Committee on Graduate Studies, and must so notify the registrar. Such courses cannot later be used in satisfying the requirements of the Bachelor's degree.

Other information may be obtained from Professor Robert M. Vogel, Dean of Graduate Studies.



THE CHEMISTRY BUILDING

General Information

MATRICULATION

Students are matriculated to the rights and privileges of official membership in the College Body after they have satisfactorily completed a semester of college work. The annual Matriculation Ceremony is held in February, after which qualified students sign the following promise:

"I promise to observe the Statutes of Trinity College; to obey all its Rules and Regulations; to discharge faithfully all scholastic duties imposed upon me; and maintain and defend all the rights, privileges and immunities of the College, according to my station and degree in the same."

ENROLLMENT IN COURSES

A student in making his elections for a given term should take into account the choices which the schedule allows for the following term, as well as the subjects specifically required for his degree and the subjects making up the Major he has elected.

A statement of the subjects and number of each course and the period in which it belongs must be presented in writing to the Dean. No student in regular standing is allowed to enroll during any one term in less than thirteen or more than twenty-two semester hours of work. Payment of the tuition fee entitles a student to register for a program of five courses. With the consent of his faculty adviser and of the Dean of Students, a student may enroll in a program containing more than five courses. There is a charge of \$20.00 per semester hour, payable within one week at the Comptroller's Office, for each semester hour of work over and above the normal load.

Regular students may, with the permission of the instructors, audit courses for which they are not enrolled. No examinations or credit will be given to such auditors.

Permission to drop courses and change programs is given during the first four days of the term. Arrangements for changes must be made with the student's adviser and reported by the student to the Registrar. In no case will a fee for extra courses be refunded after the conclusion of the first week of the semester. A course dropped after one week of classes is entered on a student's permanent record with the notation "dropped"; or "dropped, failing grade" if failing. In computing averages a "dropped" course will not be included while a "dropped, failing grade" will be averaged as a grade of 40.

For promotion in class, students must satisfactorily complete 3 courses to become a sophomore, 8 to become a junior, 13 to become a senior and at least 20 to be graduated.

TUTORIAL COURSES

Students qualified to pursue advanced work in a department may be permitted, subject to the approval of the department concerned, to register for Tutorial Courses. They will devote a portion of their time to individual study under the direction of the head of the department. In no case does this procedure excuse a student from any of the courses required for the B.A. or B.S. degree. The privilege of working as an honor student in a Tutorial Course may be granted at any time by the Faculty.

IMPROVEMENT OF READING

Trinity also offers a Reading Program in the interests of the students' intellectual welfare. It believes that almost all readers, even those already above average, can improve their comprehension and speed in reading and thus the efficiency of their studying. Consequently it offers each semester a non-credit course in the Improvement of Reading, employing reading films and tachistoscopic drill to improve the perceptual part of reading, and exercises on varied problems in comprehension to improve the conceptual:

Improvement in Reading, A: A course built around the Harvard Reading films, Strang's *Study Type of Reading Exercise*, and tachistoscopic drill.

Improvement in Reading, B: A course built around the Purdue Reading films, Cospers and Griffin's *Toward Better Reading Skill*, and special comprehension exercises.

Each course meets five times a week for four weeks early in the semester. Normally course A will be given in the first semester, and course B in the second. Both may be taken to advantage and without repetition.

For students who are experiencing trouble in their regular courses because they are unable to read with the efficiency demanded by college work, Trinity offers a diagnostic testing service. The College is unable to offer any individual tutoring, but will refer students who desire it to qualified persons in Hartford if they are willing to accept the financial responsibility which such tutoring entails. Because poor spelling often accompanies poor reading or is an outgrowth of being taught to read by an improper method, the Reading Program also includes a course in spelling. Any boy who cannot spell at a level befitting a college student may be required to take this non-credit course by any one of his instructors. Hours are arranged at the beginning of each semester, after the student's other commitments have been determined.

STANDING

At the close of each term a report of the scholarship of each minor student is sent to his parents or guardian. Scholarship reports are mailed directly to students who have reached their majority.

The official estimate of the work of each student in each course of study is indicated on the basis of one hundred. Grades below sixty denote failures. A failure in a course may be made up only by repeating the course or by taking it in an approved summer school.

A "condition" is a special grade given by the instructor when in his opinion there is a deficiency that may be made up without repeating the course. A student "conditioned" in a course will be credited with that course if he passes a satisfactory examination, or otherwise satisfies the instructor. Deficiencies, i.e., provisional grades (those accompanied by "Absent," "Condition," or "Incomplete") must be replaced by permanent grades during the semester following the one in which they are incurred. Exceptions are permitted only upon the recommendation of an instructor at the time when the grade is reported to the Registrar.

Any student who has not received at the end of a term passing grades in four courses with grades of at least seventy in two of these courses will be placed on probation for the following term. Any student, for neglect of work, may at any time be put on probation by vote of the Faculty. When a student is placed on probation, notice of this action is sent to his parent or guardian if the student is unmarried and under twenty-one years of age.

Effective with the class entering in September, 1957, every student must attain a grade of at least 70 in five courses, or their equivalent in half courses, before being admitted to his third year at Trinity.

Ordinarily a student on probation will not be permitted to manage any college organization, or to take part in any public musical or dramatic performance, or in any public athletic contest; and he may be required to put himself under the direction of a private tutor approved by the Faculty. But nothing in this section is to be so construed as to forbid students on probation to engage in intramural sports. Under certain conditions, men on probation for the first time may take part in one extra-curricular activity.

Students on probation may not elect more than five courses per term. Students may be removed from probation only at the end of a term. Students who are liable to probation for the third time will be required to withdraw from College, without the privilege of return. Students are usually required to withdraw (apart from the third probation) only when they have been on probation the preceding term. Students required to withdraw as a consequence of two successive probations may apply for re-admission after a year has passed. Individual applications are considered on their merits by the Committee on Administration and re-admission is not automatic.

Freshmen are permitted three unexcused absences from classes in each course during their first semester in college and a certain number the second semester depending upon their academic average for the first semester. Freshmen who overcut will be placed on academic probation.

Upperclassmen are permitted unlimited absences, but are responsible

for all the work required in the course including papers, reports, tests and examinations.

Absence privileges do not apply to attendance requirements for Chapel and Physical Education.

The Dean of the College or the Dean of Students will summon any student who at any final marking period passes a total of less than three courses to determine the reasons for such failure and to make recommendation to the Committee on Administration. Required withdrawal may be recommended.

Censure, as distinguished from Probation given for scholastic reasons, includes posting of names on bulletin board, notification of parents, and no participation in extracurricular activities, including athletics. Censure is continued for the balance of the term in which it is incurred, and it is lifted, not automatically, but only by action of Medusa. A second Censure incurs automatic dismissal from college. Students on Censure are not eligible for honorable dismissal until restored to good standing by the Medusa.

The College may at any time require a student to withdraw without assigning a reason therefor.

HONORS AT GRADUATION

The excellence of a student in the general work of his college course, or in the work of individual departments, is recognized at graduation by the award of honor rank in general scholarship, or in subjects in which the student has shown proficiency.

The two members of the Senior Class having the highest standing are designated, respectively, Valedictorian and Salutatorian.

Honors awarded at graduation, whether in general scholarship or in special subjects, are noted on the commencement program of the year in which they are awarded, and in the next issue of the College Catalogue.

Students attaining the grade of ninety or better in all courses required for the degree are graduated with the title of OPTIMUS.

The distinction of honor rank in general scholarship is awarded at graduation to students who have attained a grade of eighty in each of twenty full courses (or three hours each per week for the year), or their equivalent, and a grade of ninety in sixteen of these full courses or their equivalent. Of students who have been in residence less than four years, a proportionate attainment will be required.

The fields in which Honors may be awarded are: Biological Sciences, Chemistry, the Classics, Economics, Engineering, English, Fine Arts, French, Geology, German, Government, Greek, History, Latin, Mathematics, Music, Philosophy, Psychology, Physics, and Romance Languages. The departments concerned recommend to the Faculty for Honors students who have achieved excellence in four courses designated by the departments. Special examinations and a satisfactory thesis may also be

prescribed. Students are advised to consult the departmental heads concerning specific requirements.

VETERANS

To deal effectively with matters concerning students who are studying under Public Laws 16, 550, or 894, an office of veterans affairs has been established. This office handles veteran affairs under the respective public laws after admission to the college.

Students admitted to Trinity who intend to study under the G. I. Bill should, upon admission to Trinity, communicate with their local Veterans' Administration Office, requesting (1) that a certificate of eligibility and entitlement be issued to them for use at Trinity College, in pursuing a course of study toward the B.A. degree or the B.S. degree, whichever applies. In the case of graduate students the appropriate courses would be either Master of Arts or Master of Science; (2) that all necessary folders and papers be sent to the Hartford regional office of the Veterans Administration, 95 Pearl Street, Hartford.

HONOR SOCIETIES

PHI BETA KAPPA, founded in 1776, is an honor society dedicated to humane scholarship. Members are elected from among those students who have achieved highest general scholastic standing. In addition, the charter of the Chapter stipulates that persons elected to membership "shall be men of honor, probity, and learning." Election to Phi Beta Kappa is widely regarded as a mark of highest distinction. The Trinity Chapter, known as the Beta of Connecticut, was chartered by the Yale Chapter, the Alpha of Connecticut, on June 16, 1845, and is the eighth oldest chapter of Phi Beta Kappa in the United States.

PI GAMMA MU, a national social science honor society, was founded in 1924. The Trinity College chapter, known as Connecticut Alpha, received its charter in 1936. The society has as its purpose the recognition of outstanding scholarship in the social sciences. Members are elected by unanimous vote from among graduate students and undergraduates of the Senior and Junior classes who have achieved superior rank in scholarship in the social sciences. The society is also empowered to elect to membership persons who have distinguished themselves in public service.

SIGMA PI SIGMA is the only national physics honor society. Its chapters are restricted to some 80 colleges and universities of recognized standing, which offer a strong major in physics. Membership is restricted to physics students and to a few others in closely related fields. Selection is made on a scholastic basis. Those not meeting the scholastic requirements but interested in the aims of the society may become associates. The objects of the society are: (1) to serve as a means of awarding distinction to students having high scholarship and promise in physics; (2) to promote student interest in physics, and to encourage a professional spirit and friendship among those studying that subject; (3) to interest and inform the college community regarding developments in physics.

Campus Life

A Trinity education is based upon the close association of students with a distinguished faculty. The size of the College permits close relations between students and faculty members, both in the classroom and in extra-curricular activities.

To assist the freshmen with the responsibilities of the first year, the Associate Director of Admissions of the College serves as Freshman Adviser. Eighteen faculty members, assisting on a Freshman Advisory Council, are also assigned approximately fifteen freshmen with whom they work as individual counsellors. Twenty-six members of the junior class live in the freshman dormitories to serve as Junior Advisers to the residents.

Each student in the upper three classes is helped in planning his course of study by a member of the department in which he is studying. Advising is considered a function of every Trinity faculty member.

All students are given the opportunity of taking psychological, vocational guidance, and aptitude tests as means of achieving a more satisfactory educational experience. In addition to the vocational counselling given by faculty members, Trinity's Director of Placement and Veterans' Adviser are specialists in career counselling.

The Placement Director holds periodic interviews with students throughout their college course to encourage them to plan and find their proper vocations after graduation. Representatives of graduate schools, business, and industry visit the College for discussion groups and personal interviews with undergraduates.

THE CHAPLAINCY

The spiritual life of the College is centered in Trinity's exquisite Gothic Chapel and is the responsibility of the College Chaplain.

The College has been closely associated with Christian principles by three strong traditions: eleven of fourteen college presidents have been Episcopal clergymen; clerical scholars serve on the teaching faculty; and students are required to attend religious services.

The ties between the Episcopal Church and the College are close, but have always been those of tradition, not of law or government. The Chapel was consecrated by Episcopal Bishops; the Chaplains are Episcopal clergymen; and the Book of Common Prayer, on which the books of worship of most major denominations are based, is used for most of the services in the Chapel.

Services are held in the Chapel every morning during the week at 8 a.m. On Sundays during term time there is a morning service at 11 a.m. and a vesper service at 5 p.m. There is a celebration of the Holy Communion every Sunday at 8:15 a.m. in the Chapel of the Perfect Friendship

and on Wednesdays and Holy Days at 7:15 a.m. in the Crypt Chapel. During Advent and Lent a group of undergraduates say the Compline office in the Crypt Chapel at 10:10 p.m. Each of the Fraternities has a Corporate Communion in the Chapel of the Perfect Friendship on a day of special significance to the Chapter.

On the first Wednesday of each term there is a Corporate Communion and breakfast for the members of the faculty and administrative staff.

Attendance at a certain number of these weekly or Sunday services, in combination with worship at the church of one's faith, is required of all students in accordance with regulations prescribed by the Faculty and the Trustees.

Students of all faiths come to appreciate the Chapel more and more as they grasp the symbolism of the stone and woodcarvings, and of the stained glass, and as they open their minds and hearts while at worship. Faculty members and senior and junior students assist the Chaplain in the Sunday and weekday services.

Four student groups which embrace practically everyone's religious preference assist in making friendships, in giving opportunities for student discussions and participation in community service projects. The first gathering of these groups is Sunday afternoon of Freshman Week, and they are held during the college year as announced.

These four groups are—

CANTERBURY CLUB: for members of the Episcopal Church and affiliated branches of the Anglican Communion.

HILLEL SOCIETY: for members of the Jewish faith.

NEWMAN CLUB: for members of the Roman Catholic Church.

PROTESTANT FELLOWSHIP: for Presbyterians, Baptists, Congregationalists, Lutherans, and other Protestant Communions.

The Chaplain is a friend of every student and available for discussion, talks, interviews or counseling in his office, at his home, 69 Vernon St., on Campus, or wherever one meets him.

To assist the Chaplain in matters of concern to the whole Campus, there is an inter-faith council called The Chapel Cabinet, composed of representatives of the four religious clubs.

Every freshman comes from home with some sort of faith: vital or vague, blind or reasonable, rigid or pliable. He will leave, four years later, with a *more* thrilling understanding of God and of God's will, and of God's world, or with *less*, but not with his freshman outlook.

The purpose of the Chaplaincy is not to make a student "religious" (he is already this on various levels of experience), but to develop joy and meaning of the spiritual side while increasing the delight of the intellectual, and the well-being of the physical. A Trinity education is for the whole man to fit him for the whole of life.

STUDENT HEALTH

The College maintains a student health service for all full-time, regularly-enrolled students. The College Medical Director is on duty between 8:30 and 10 a.m. and between 1 and 2 p.m. daily except Sunday in the medical offices for tentative diagnosis. At other times a medical aide is in attendance at the medical office, and keeps the college physician informed of whatever has happened.

Students with colds and other minor illnesses can be cared for in the college infirmary. Facilities of nearby Hartford Hospital are utilized when hospitalization is necessary. The College does not assume responsibility for illnesses or injuries of any kind to students regardless of how they are incurred. All students enrolled during the regular academic year are covered by a compulsory insurance policy which provides accident, health and catastrophe benefits. The cost of this program is financed out of the General Fee. A booklet describing this insurance program is distributed to each student in the fall.

In emergency, prompt notification is sent to parents, but obviously the college authorities reserve the right to act as seems best for the welfare of the student concerned, if parents cannot be reached.

In case of illness or injury, resident students are required to report at the college medical office early in the morning or to request a visit by the college physician when they are physically unable to go to the office.

Non-resident students should report injury or illness by telephone (JA 7-1065) before 9 a.m. if they are thereby unable to attend college. Before attending classes on the day of return, a non-resident student must leave a written notice of his return at the medical office on a form supplied for this purpose. Within one week he must present a statement from his physician or parents stating the nature and duration of the illness, also on a blank provided for this purpose.

A consultant psychiatrist is available for evaluation, diagnosis and recommendations in cases of emotional or situational problems.

Athletic activities in which the students may participate are divided into three classifications: intercollegiate athletics, intramural athletics, and physical education.

All regularly enrolled students are required to report for physical education three periods each week during their freshman, and sophomore years. Details are given on Page 85.

PHYSICAL EDUCATION

The program in athletics and physical education is under the supervision of the Director of Physical Education, to whom all students are required to report on entering college. Soon after admission, the College Medical Director makes a study of the medical record of each student as indicated by the reports submitted by the student's own doctor. Whenever it seems desirable, limited or special exercises are prescribed. The

Medical Director has medical supervision of all candidates for athletic teams.

Trinity carries on a full program of intercollegiate athletics with colleges of similar size and standards. Competition is held in the following sports: football and soccer in the fall; basketball, swimming, and squash racquets in the winter; and baseball, track, golf, and tennis in the spring. Freshman teams are organized in all major and minor sports. In addition, an informal intercollegiate schedule is arranged in sailing, fencing, and lacrosse. The governing body for intercollegiate athletics is the Athletic Advisory Council composed of three undergraduates elected by the students, three alumni elected by The Alumni Association, and three members of the faculty.

All students become members of the Trinity College Athletic Association when they pay their regular tuition. This entitles them to admission to all home athletic contests and permits them to try out for athletic teams, providing that they are academically eligible. Trinity maintains a full year freshman rule, a full year transfer rule, and a three year varsity rule.

The intramural program is designed to provide athletic competition for as large a group as possible. Intramural sports include touch football, basketball, swimming, wrestling, squash racquets, golf, track, table tennis, tennis, softball, and volleyball.

DORMITORY FACILITIES

Most of the dormitories are arranged in large, three-room suites which accommodate two or more students each. There are also a number of single and double rooms in dormitories. Fireplaces in many suites are an attractive heritage from Trinity's past although fire regulations now prohibit their use. Each room is equipped with essential articles of furniture: bed, mattress, bureau, desk and chair. Students provide their own rugs, reading lamps, pillows, blankets, linens and any occasional furniture desired.

All Trinity freshmen who are not residents of Greater Hartford are required to live in the college dormitories.

All resident freshmen live together in the South Quadrangle in Elton Hall (1948) and the Freshman Dormitory (1953). A large Freshman Commons with television, radio, and record listening, and game rooms occupies the first floor of the 1953 Dormitory.

After the freshman year, students may live in dormitories or fraternity houses with the approval of the Dean of Students.

The upperclass dormitory suites in Jarvis, Seabury, and Northam Towers were constructed in the 1870's but have been modernized. Newer upperclass dormitories are Cook (1931), Goodwin and Woodward (1940), and Ogilby (1941).

FRATERNITY HOUSES

Ten national social fraternities maintain active chapters at Trinity. They are: Alpha Delta Phi, 122 Vernon Street; Delta Psi, 340 Summit

Street; Delta Kappa Epsilon, 98 Vernon Street; Psi Upsilon, 81 Vernon Street; Alpha Chi Rho, 114 Vernon Street; Delta Phi, 70 Vernon Street; Sigma Nu, 78 Vernon Street; Theta Xi, 79 Vernon Street; Pi Kappa Alpha, 94 Vernon Street; and Phi Kappa Psi, 118 Vernon Street. Each fraternity maintains its own chapter house and dining facilities. Freshmen are not eligible for fraternity membership.

Fraternities cooperate in campus life through an Interfraternity Council composed of representatives of alumni and students of each chapter. Procedures for pledging of students are regulated by the council. A cup for high scholarship is awarded each year to stimulate competition for academic honors among fraternities.

INDEPENDENT SOCIAL ORGANIZATIONS

For students who do not wish to join a fraternity, but desire to be in a social organization there is the Brownell Club. All non-fraternity men except freshmen are eligible for membership in this organization which has clubrooms in the Campus Cottage.

An informal group of students, composed of non-fraternity men in the upper classes, was organized during the academic year 1956-57. This group, known as the Independents, was active in sponsoring a number of social activities for all college students and held informal dinner meetings Wednesday evenings in Cook Lounge.

STUDENT COMMONS FACILITIES

The Albert C. Hamlin Dining Hall in the main quadrangle, constructed in 1931, contains a dining hall and The Cave, informal snack bar. Service in both is cafeteria style except on special occasions. All resident Freshmen are required to eat in the Hamlin Dining Hall, which serves three meals a day except Sundays. Board charges are billed on the college term bill. The Cave serves light meals for non-resident students and is open for Sunday meals on an à la carte basis.

There are five student lounges: Goodwin, Seabury, Cook, Elton, and the Freshman Commons.

Mail is distributed from a college post office in Seabury Hall. A Union Store offers books, supplies, notions and novelties for students. There is also a campus coin laundry and a cleaning service in Cook.

STUDENT ACTIVITIES

Student activities have an important part in Trinity's educational program, serving as laboratories for leadership, executive techniques, and some vocations.

A student government, embodied in a legislative body called The Senate, has charge of all class and club funds, and supervises the student organizations.

Honor societies include Medusa, senior honorary society for maintain-

ing college traditions and discipline, and the Sophomore Dining Club, organized in 1897 to act as official student hosts. A Freshman Executive Council plans and supervises class extracurricular activities such as dances, smokers, and parties with freshmen of neighboring colleges for women. The Inter-dormitory Council works closely with the Medusa in handling all matters concerning conduct in the dormitories.

Musical organizations include a Chapel Choir, Band, Glee Club, Society of Carillonners, Society of Student Organists, the Bishop's Men and the Pipes Octet. Each spring an intramural singing contest is held for all social organizations.

Under the direction of the Department of Music, a number of recitals and special musical services, with visiting artists and choruses, are held in the Chapel each year.

The Glee Club sponsors several joint concerts with nearby women's colleges and one extended trip during spring vacation to present concerts arranged by Trinity Alumni in various localities.

Opportunities for literary expression can be found in the various student publications. The "Trinity Tripod," a newspaper published weekly by the students, has been serving Trinity students since 1904. The college year-book, called the "Trinity Ivy," is published each June in honor of the graduating class. A campus literary magazine, the "Review," offers a critical market for manuscripts, poetry and art of Trinity students. The Student Handbook contains all the College Regulations, the Interfraternity Council constitution and rushing rules, pictures of freshmen, and information on student activities.

Radio has become a popular activity in the past few years. Students now operate Station WRTC-FM from the studios in Cook Dormitory.

The Jesters have won a reputation for excellence among collegiate dramatic groups in the East. Their arena style performances at the College have received much favorable comment from dramatic critics.

The Atheneum Society, one of the oldest college organizations debates current economic and political questions in intercollegiate and inter-club competition. Membership is open to all students who are interested in speech work. The Atheneum has broadened its program to offer speakers and round table panel discussions to local schools and civic organizations.

Students have also organized clubs paralleling classroom interests. These include Engineering Club, Political Science Club, the Physics Club, the Spanish Club, the Pre-medical and Science Club. Other student activities include a Camera Club, a Rifle Club, a Varsity "T" Club, and a Nautical Club.

SOCIAL LIFE

Academic community life is well advanced in a college for men only; and at Trinity social activity is also a well integrated and important part of college life.

Trinity's location in a cultured city surrounds the college with social opportunity: events from symphony performances to stage plays, a large community of alumni and friends of the College, students in two women's colleges and several other schools, and the city's many recreational facilities. Hartford itself is at the center of "college valley" as the Connecticut River area is sometimes called. Famous distances are Smith College, 44 miles; Mt. Holyoke, 37 miles; Vassar, 83 miles; Connecticut College, 45 miles; Wellesley, 89 miles.

There are five major social weekends at the college: those of the Junior Prom, the Senior Ball, the Sophomore Hop, the Interfraternity Ball, and the Military Ball. In addition, there are numerous lesser all-student social events and many fraternity and club parties.

Freshmen, through their executive committee aided by the Dean of Students, organize their own "get acquainted" program of dances and parties with freshmen of women's colleges, secondary school seniors, and nursing students.

COLLEGE LECTURES

The regular college lecture program has been broadened by the generosity of several alumni and friends of the College who have established endowed lectures in various fields of learning.

ENDOWED LECTURES

Moore Greek Lecture – Through the bequest of Dr. Charles E. Moore, '76, to encourage the study of Greek, an all-college lecture is presented annually on classical studies. Recent lecturers have been Henry Rowell, Raphael Demos, Gilbert Highet, and Moses Hadas.

Mead Fund – Through the bequest of George J. Mead, H'37, an annual lecture is presented by a distinguished authority in History, and conferences and special events are held on varied topics in Government and Economics. Some recent lecturers in History have been Allan Nevins, Conyers Read, Crane Brinton, and John A. Krout.

College Lectures – The faculty committee on lecturers and entertainment annually arranges a series of addresses by distinguished visitors in various fields of academic interest and concern.

Barbieri Lectures – A gift from the Cesare Barbieri Endowment provides for two public lectures a year by outstanding persons on some aspect of Italian Studies.

George M. Ferris Lecture – Through an endowment fund established by George M. Ferris, '16, the George M. Ferris Lecturer in Corporation Finance and Investments will present one public lecture each year in that field.

Preparing for a Career

EXPERIENCE with many generations of students has demonstrated to the Faculty that the young man who gets the most out of college is the one who plans his course of study with a clearly defined and deliberate purpose. This unifying purpose is often, but not necessarily, vocational. Indeed, a major strength of liberal education is its adaptability to the personal needs of men preparing for a broad variety of vocations. Preparation for some vocations may be principally within a "major" or "group" study, described in the chapter "Degree Requirements." Preparation for other careers involves careful selection of electives in combination with a closely allied major study. In some cases a fixed sequence of courses is desirable. Many students will find it most effective to hand tailor, in consultation with a faculty adviser, a study program to suit particular needs. But for certain vocations chosen by a large number of students, the Faculty suggests the programs of study detailed below:

ACTUARIAL PROFESSION

PROFESSOR DORWART IN CHARGE

A student who expects to enter the actuarial profession should do excellent work in Mathematics. It is advisable for the student to write the first two or three preliminary actuarial examinations while still in College. For the Society of Actuaries these examinations are given each year by the Educational Testing Service under an arrangement with the Society. The first examination is a language aptitude test; the second comprises advanced algebra, trigonometry, analytic geometry, and differential and integral calculus; the third comprises the calculus of finite differences, probability, and statistics. Somewhat similar examinations are given each year by the Casualty Actuarial Society. Students interested in taking actuarial examinations should consult with the chairman of the Mathematics Department.

A booklet published by the Society of Actuaries describes the character of actuarial work and contains the following quotation, "An actuary should be a man of general culture with a knowledge of both books and men and the more he has of both the better." In addition to a major in mathematics the Society recommends courses in English composition, business accounting and economics. "Aside from these particular subjects, it is important for the candidate to study subjects which will give him a broad cultural foundation, as his most important responsibility will be the exercise of sound judgment."

ARCHITECTURE

PROFESSORS LOCKWOOD, KRAFT, AND TAYLOR IN CHARGE

In general, a student who intends to become a professional architect should acquire a good background in the liberal arts and in some of

the sciences. In particular, with a view to preparing himself for architectural school, he is advised to consult with the department of Engineering and Fine Arts in order to arrange a suitable program of studies.

BIOLOGY

PROFESSOR BURGER IN CHARGE

The student who is sincerely interested in making Biology a life's work will need a thorough grounding in the non-biological natural sciences and in Mathematics, together with a reading knowledge of French and German, and must plan on post-graduate study. Aside from noting that Chemistry, Mathematics, and Physics should be taken in the Freshman year, and that the Major in Biology should be taken, the balance of the program should be planned to fit the individual needs of the students. Students are urged to consult with members of the Department each year.

Students interested in teaching Biology in public or preparatory schools may take the Major in Biology or Interdepartmental Science Major.

BUSINESS

PROFESSOR TOWLE IN CHARGE

The person who aspires to a successful career in business needs to know more than the organization and routine of the particular field in which he works. He must, in addition, be acquainted with the intricate and constantly shifting economic structure. He must, above all, develop judgment. His individual success will depend on his ability to understand and to deal with labor problems, to evaluate price policies, to appraise technological changes and their effects, to comprehend and to adjust his operations to the changing relations of government to business, and to understand developments in international trade and finance. He should also possess an effective command of the English language.

The student who wishes to prepare himself for a business career will find at Trinity many courses which will aid him in developing these abilities. Among the courses which the prospective businessman will find valuable are: Introduction to Economics, Money and Banking, Principles of Accounting, Statistics in Economics, Labor Problems, Labor Relations, International Trade and Commercial Policy, Public Finance, American Government, Corporation Finance, Government and Industry, Intermediate and Advanced Composition in English, Public Speaking, Economic Theory, United States History, Social Psychology.

CHEMISTRY

PROFESSOR SMITH IN CHARGE

The following plan is suggested for students who expect to enter the profession of Chemistry. It includes the fundamental subjects in Chem-

istry, Physics, and Mathematics and furnishes a satisfactory basis on which to continue Chemistry in a graduate school. The American Chemical Society has approved Trinity College as an institution meeting their standards for the Bachelor's Degree in Chemistry.

SECOND YEAR - Differential and Integral Calculus (Math. 201, 202); Physics 221-222; Quantitative Analysis 303, 304; Psychology 141, or Philosophy 201, 204; Elective.

THIRD YEAR - Physical Chemistry (Chem. 210); Organic Chemistry (Chem. 305-306); Differential Equations (Math. 301); or Theoretical Physics (Phys. 301, 302); Introduction to Economics (Ec. 201-202); Elective.

FOURTH YEAR - Physical Chemistry (Chem. 407-408) and one of the following: Organic Chemistry (Chem. 403, 404 or 405-406); Inorganic Chemistry (Chem. 311); Instrumental Analysis (Chem. 412); recent Physics (Phys. 303, 304); Electives.

SUGGESTED ELECTIVES: English Literature (Eng. 241-242 or 243-244), History of Philosophy (Phil. 311, 312 or 315, 316), United States History (Hist. 201-202), Elementary Geology (Geol. 101-102).

EDUCATION

PROFESSOR HERDMAN IN CHARGE

Courses in Education at Trinity College are designed to contribute to the professional competence of students who plan to (a) teach in public secondary schools or teachers colleges and meet state certification requirements, (b) teach in independent preparatory schools or liberal arts colleges, (c) engage in personnel work, either through a social agency or industrial organization, or (d) enter the ministry and work in the area of religious education. In addition, the student who wishes merely to gain an insight into public education from the viewpoint of citizen and prospective parent is encouraged to elect courses in Education.

The required and recommended courses of study for the above-mentioned professional objectives vary so widely that the student contemplating teaching or related work is strongly urged to discuss his plans with Professor Herdman during his Freshman or Sophomore year. In order to meet Connecticut regulations for public high school teaching, for example, the student must complete, in addition to a strong background in subject matter, at least three courses in Education including Practice Teaching. Beyond this direct preparation, such related courses as Public Speaking, Dramatic Technique, Social Psychology, Cultural Anthropology, and Logic are recommended.

ENGINEERING

PROFESSOR LOCKWOOD IN CHARGE

The course of study outlined below offers a liberal arts education with emphasis on Engineering. Two plans are available:

- (a) Pre-Engineering, which is designed for those who plan to enter either Rensselaer Polytechnic Institute or Columbia at the end of their third year in accordance with the plan outlined below;

(b) Engineering Major, which is designed for those who plan to remain at Trinity four years.

The usual sequence of engineering courses is as follows:

First year – Engineering 131, 132; Second year – Engineering 227-228;

Third year – Engineering 333, 334, and Engineering 331-332, or 337-338.

Students considering Engineering should plan to begin Physics 121-122 in their first year.

Detailed requirements regarding the Engineering Major are to be found in the listing of courses. (See Page 72).

The object of the Department is to keep course requirements flexible enough to allow a person to choose either of the plans described above during the second half of his third year. Although it is suggested that Engineering be started in the first year, it is possible to begin the program in the second year, taking both courses listed for the first and second years concurrently.

Rensselaer-Trinity Course of Engineering Study

The Rensselaer Polytechnic Institute, of Troy, New York, and Trinity College, have made arrangements whereby students completing the Trinity three-year Pre-Engineering course will be admitted to the Institute in full standing. If the student has satisfied the Trinity B.S. degree requirements, Trinity College will confer upon him a B.S. degree at the completion of his first year at the Rensselaer Polytechnic Institute. A Bachelor's degree in one of the engineering fields will be granted by the Institute after a second year of study. Under this plan the student will have received two degrees after five years of college work in the two institutions.

Columbia-Trinity Course of Engineering Study

Columbia University of New York, and Trinity have also made arrangements similar to the R.P.I. plan described above. The Columbia plan allows more liberal arts courses at Trinity than the R.P.I. plan.

FOREIGN SERVICE

PROFESSOR COOPER IN CHARGE

Analysis of diplomatic service entrance examinations reveals that the successful candidate must be a person of broad cultural attainment. In his college program the potential diplomatic or consular officer should select courses in the fields of history, government, economics, literature, and the fine arts and should aim at fluency in one or more foreign languages.

GEOLOGY

PROFESSOR CHAPMAN IN CHARGE

The Major in Geology at Trinity College is designed for two types of students: (1) those who desire a liberal education with special emphasis

on Geology, and (2) those who plan to pursue their studies in graduate schools and become professional geologists.

The prescribed courses for the major are enumerated in the curriculum section of the Catalogue. In addition it is recommended that those students who plan geology as a career take as many of the following electives as possible: Biology, Economics, Engineering Drawing, Expository Writing, Physical Anthropology, Public Speaking, Surveying, and advanced work in Chemistry, Mathematics and Physics. A knowledge of French and German will be helpful to, and in some cases essential for, those who plan to pursue graduate work in Geology.

Prospective majors are advised to consult with the Head of the Department early in their college career.

LAW

PROFESSORS TOWLE AND THOMPSON IN CHARGE

The student preparing for law school will find that a high level of achievement in his college work is more important than the specific field he may choose as a major. Nevertheless, certain subjects and courses are highly desirable for law school orientation and later professional work. These can best be secured through a major in one of the social sciences. A pre-law student should plan to choose courses on at least the elementary level in History, Government, Economics and Psychology. In addition, he should do advanced work in several of the following subjects:

1. American History and Government.
2. Money and Banking, Accounting, Statistics, Government and Industry, Labor Problems, Labor Relations, Corporation Finance.
3. Public Speaking.
4. Social Psychology, Applied Psychology.

MATHEMATICS

PROFESSOR DORWART IN CHARGE

The major in Mathematics at Trinity College is designed for students who (a) desire a liberal education with special emphasis on Mathematics, (b) expect to continue further study of Mathematics in graduate schools,* (c) wish to prepare themselves for actuarial positions (see also Page 58), (d) intend to teach Mathematics in secondary schools, or (e) plan to go into industrial work.

In the second year a student majoring in Mathematics should take Mathematics 201, 202 and Mathematics 203, 204. In the third year, in addition to Mathematics 301, 302 which is required of all who major in

* A reading knowledge of French and German is essential for students going to graduate schools.

Mathematics, the student preparing for the actuarial profession will take Mathematics 305, 306 or 309, 310 (courses which are given in alternate years), whereas the student planning to go to graduate school should elect Mathematics 314, and the student primarily interested in applied mathematics should elect Physics 301, 302. The regular fourth year course for majors is Math. 401, 404, and these semester courses should be taken by all students planning to go to graduate schools. They are not required, however, for actuarial students and others who have already satisfied the requirements for the major as stated on Page 82. To be eligible for Honors in Mathematics, a candidate must have taken Mathematics 401, 404.

MEDICAL SCIENCES

PROFESSOR BURGER IN CHARGE

Besides medicine and dentistry there is a variety of fields which can be considered as medical sciences. Except at the technician level, these all require post-graduate study. Students interested in any area will do well to study for themselves the catalogues of the various graduate schools in order to gain some firsthand knowledge of the schools to which they will apply. Since admission to a school of medicine is a highly competitive affair, some additional comment on this problem is desirable.

The various schools of medicine are individual institutions with variable standards of admission. Trinity can not guarantee admission to any graduate school and does not assume this responsibility. The various advisers try to give sound advice, but they are only advisers. In our curriculum we do have a Pre-Medical Major. The purpose of this major is merely to ensure that a student will take, in an organized program, those courses in natural science which are serviceable for admission to and study in a variety of medical schools. It makes no attempt to teach medicine or to duplicate courses taught in schools of medicine.

Trinity does not insist that a prospective medical student take the Pre-Medical Major. A student is encouraged to major in any field that interests him. It must be noted, however, that the various medical schools have published *minimum* requirements in science and in other areas. It must also be noted that schools of medicine place emphasis on things other than grades: motivation, character, social acceptability, etc. Medical schools like all institutions prefer demonstrated excellence to demonstrated mediocrity.

PHYSICS

PROFESSOR CONSTANT IN CHARGE

There is at present a great demand for qualified physicists in the field of teaching, industrial research, and government projects. In preparation for such careers a student is advised to acquire a broad outlook and a thorough knowledge of the fundamentals of physics and mathematics. The prescribed program is designed to meet these aims.

Students are advised personally in their choice of electives. All are encouraged to choose at least one course in such fields as the fine arts, literature, or religion. Additional courses may be taken in physics, mathematics and chemistry, according to the ability and interests of the individual, but all good students are encouraged to plan on doing graduate work and to leave their professional training until then. An undergraduate major in a liberal arts college followed by graduate study in a larger university constitutes the best possible preparation for a career in physics.

PSYCHOLOGY

PROFESSOR SOUERWINE IN CHARGE

The program in psychology at Trinity College is designed to satisfy the needs of students with various interests: (1) those who desire a liberal education with emphasis on psychology, (2) those who are planning to enter a profession where a background in psychology may be desirable, such as medicine, law, education, and theology, and (3) those who are planning to make psychology a career and therefore will be taking further work in the graduate school of a university.

Most psychologists work in one or more of several fields: college teaching in psychology, clinical work, business and industry, social psychology, and human engineering. Attainment of the doctorate is becoming increasingly important in each of these fields. For all of them the undergraduate program is much the same. A major in psychology is desirable.

Both the Veterans Administration and the United States Public Health Service have programs for subsidizing graduate students in clinical psychology, and the former agency also offers aid to the student in the area of guidance and counselling. In addition, most graduate schools provide a number of research and teaching assistantships which aid the student financially as well as experientially. Members of the staff will be glad to discuss these programs with interested students.

THEOLOGY

PROFESSOR CHERBONNIER IN CHARGE

Students who intend to devote themselves to the Christian Ministry or the Rabbinate are advised to present themselves for admission in the course in Arts. Their course of study while in College should be based on the plan advocated by the American Association of Theological Schools, as follows: English, Composition and Literature (12-16 hrs.); Philosophy, at least two of the following: Introduction to Philosophy, History of Philosophy, Ethics, Logic (6-12 hrs.); Religion or Bible (6 hrs.); History (6-12 hrs.); Psychology (3 hrs.); Foreign Languages, including Greek, and German, Latin, or French (12-16 hrs.); Natural Sciences (6 hrs.); Social Sciences, at least two of the following: Economics, Sociology, Political Science, Social Psychology, Education (6 hrs.).



The Long Walk in the Quadrangle

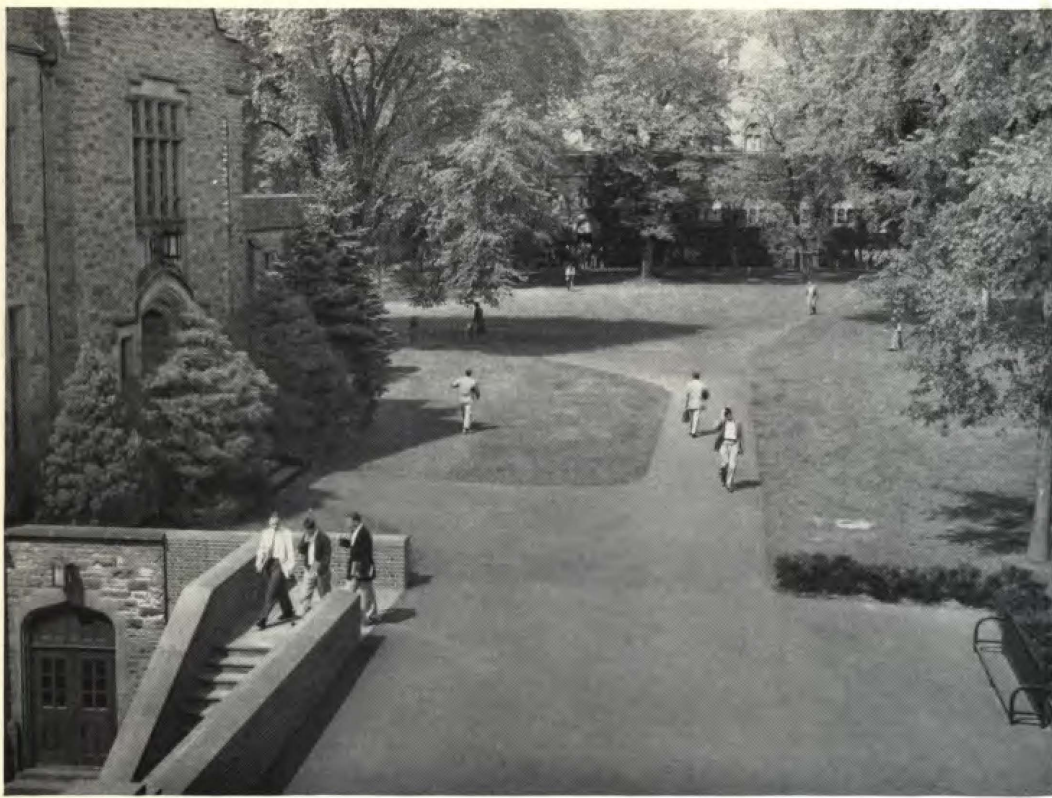
Trinity's Role in the Current World

A Pictorial Adaptation from the Inaugural

Address of

ALBERT CHARLES JACOBS

as Fourteenth President of Trinity College



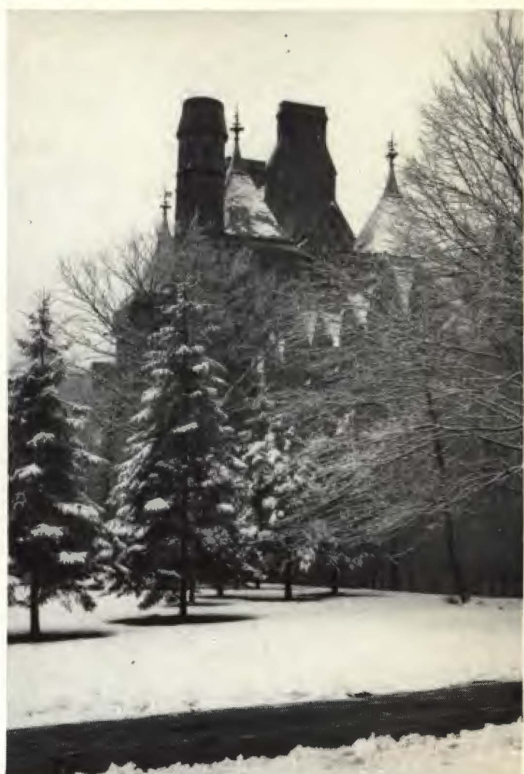
The Quadrangle from the Library—Chemistry Building at left

“What is the goal of Trinity College? In our motto lies the answer, *Pro ecclesia et patria*. Here in noble terms is expressed our dedicated purpose—steadfast over the years—a constant devotion to religious values and to the republic of which we are proud. ‘The aim of the institution,’ according to *Scribner’s Monthly* of 1876, ‘is to furnish students a complete education and to prepare them for a truly educated manhood.’ This means integrity in education—mental, physical, as well as spiritual and moral, strength.

“It is thus the high mission of the college to promote the intellectual, physical, moral, and spiritual development of the young men entrusted to our care so that they may become intelligent, self-reliant, upright, and enlightened citizens and leaders, whose personal lives are happy, fruitful, and meaningful. We aim to train them to be qualified effectively to meet the complex problems of the exciting world in which they will live; to develop character, which is the proper blending of wisdom, integrity, responsibility, and human understanding with spiritual values; to think and to act for themselves, to think as individuals and not as a group; and to make sound judgments. In essence, we want the student to develop as an individual, to attain his full stature as a person created in the image of God.



Seabury Hall



Northam Towers

Cook Dormitory

The Chapel Walk





The Watkinson Library Reading Room

"Trinity seeks to gain these objectives through sound education in the liberal arts. Experience has taught that this is the most effective way to train our young men to become useful citizens and leaders, *Pro ecclesia et patria*, capable of thinking for themselves, of doing for themselves in the spirit that built this great nation; and, yes, of developing fully as individuals.

"The curriculum, the faculty, a deep and pervading religious atmosphere, and the students are the tools for successful operation. Each must be sharp and effective.

Professor McNulty's Expository Writing Class





The Library

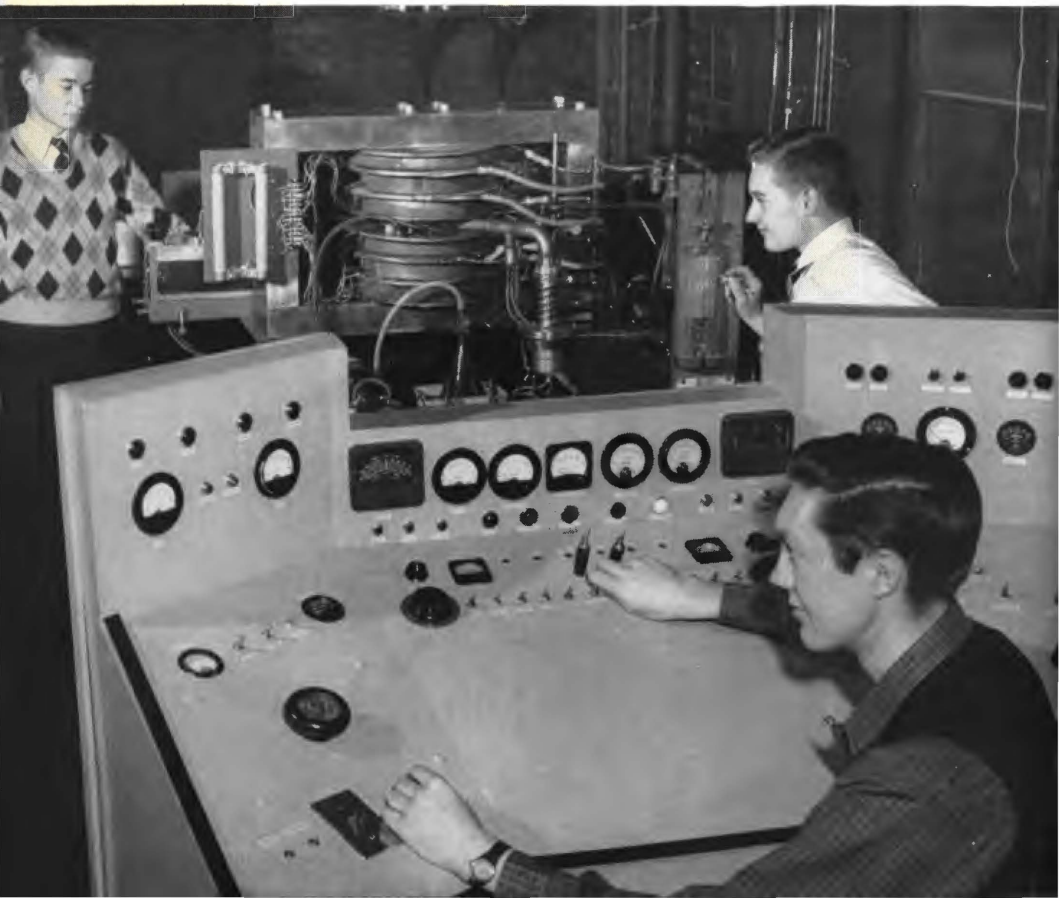
Main Reading Room





Professor Waterman's French Class

Cyclotron built by students as Physics laboratory project





Change of Classes

“The curriculum, subject to constant study for improvement, is sufficiently broad to provide fundamental training in the liberal arts. Through a knowledge of history and economics, philosophy and religion, language and literature, the fine arts, the sciences, the humanities, and the social studies our curriculum is constructed to build an open mind, schooled to careful thinking, trained in philosophic investigation, familiar with the thought of past generations; ‘people who have,’ in the words of the Honorable John J. McCloy, ‘caught the fire of great thoughts, and great men, who know something of our culture and our history, who can exchange views in tolerance with others, and, above all, who have high ethical standards.’



The Funston Court

Boardman Hall





Harold Dorwart
Mathematics



John Taylor
Fine Arts



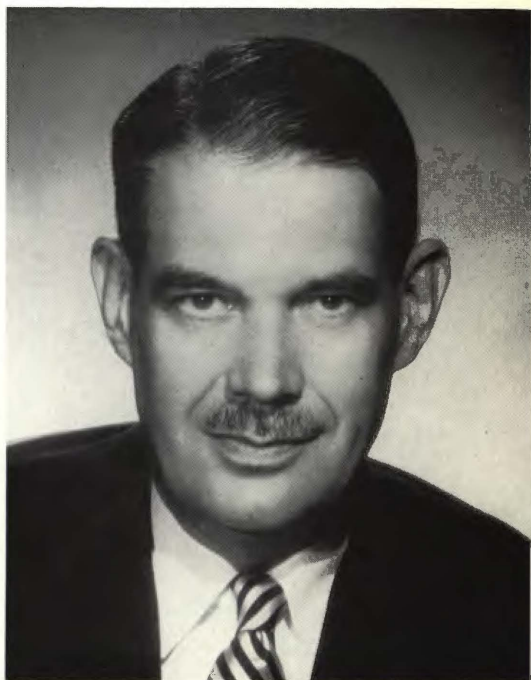
Sterling Smith
Chemistry



George Cooper
History

“From that day on June 2, 1824, when our first President, the Right Reverend Bishop Thomas C. Brownell of hallowed memory, vowed that the college would ‘seek the ablest professors,’ our faculty have been selected with meticulous care, ever mindful that their primary duty is to stimulate thought and not the parroting of encyclopedic facts.

President Jacobs







Chapel Woodcarving

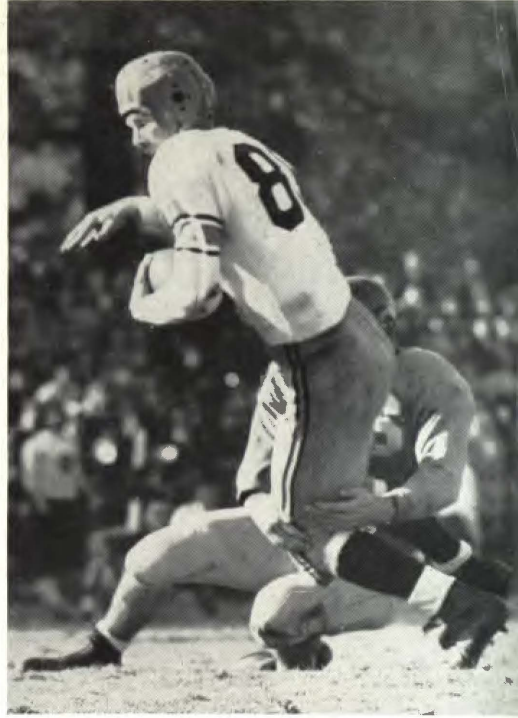
“The college, I am proud to say, is built on firm religious foundations, *Dominus Illuminatio Mea*, believing in the view expressed by President Eisenhower that if we are to be strong we must be strong first in our spiritual convictions, and holding to the truth so well expressed by William Penn when the Colonial Constitution of Pennsylvania was being written: People who are not governed by God will be ruled by tyrants. Yes, this college receives enduring strength and guidance from its traditional bonds with the Episcopal Church. In accordance with our Charter we seek to intensify the ties of each student with his chosen faith.

The Choir and Chancel





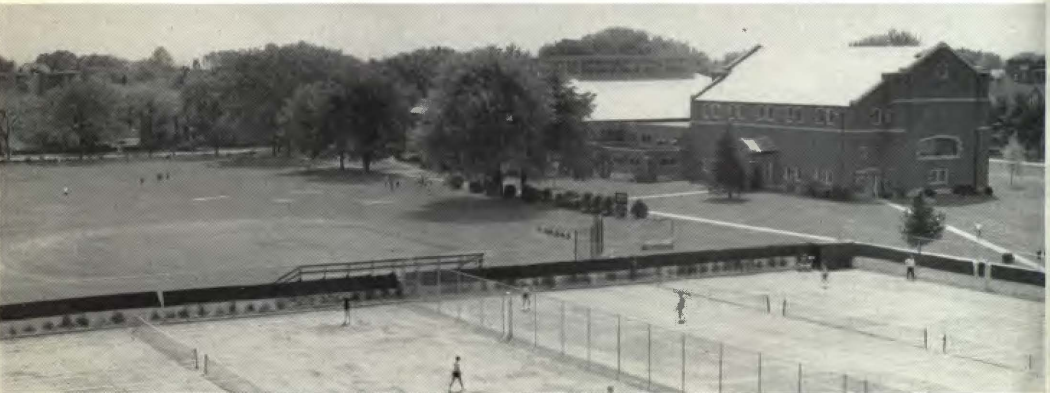
Trowbridge Pool



Trinity vs. Colby

“Our student body, national in character and limited in size, is carefully selected without reference to race, color, or creed. It will remain small in number because we believe that the highest academic values can be conveyed only through close personal contact between teacher and student. They cannot be transmitted simply through the radiation of sounds in lecture rooms of assembly hall size!

Tennis Courts, Freshman Diamond, Memorial Field House, Trowbridge Sports Center





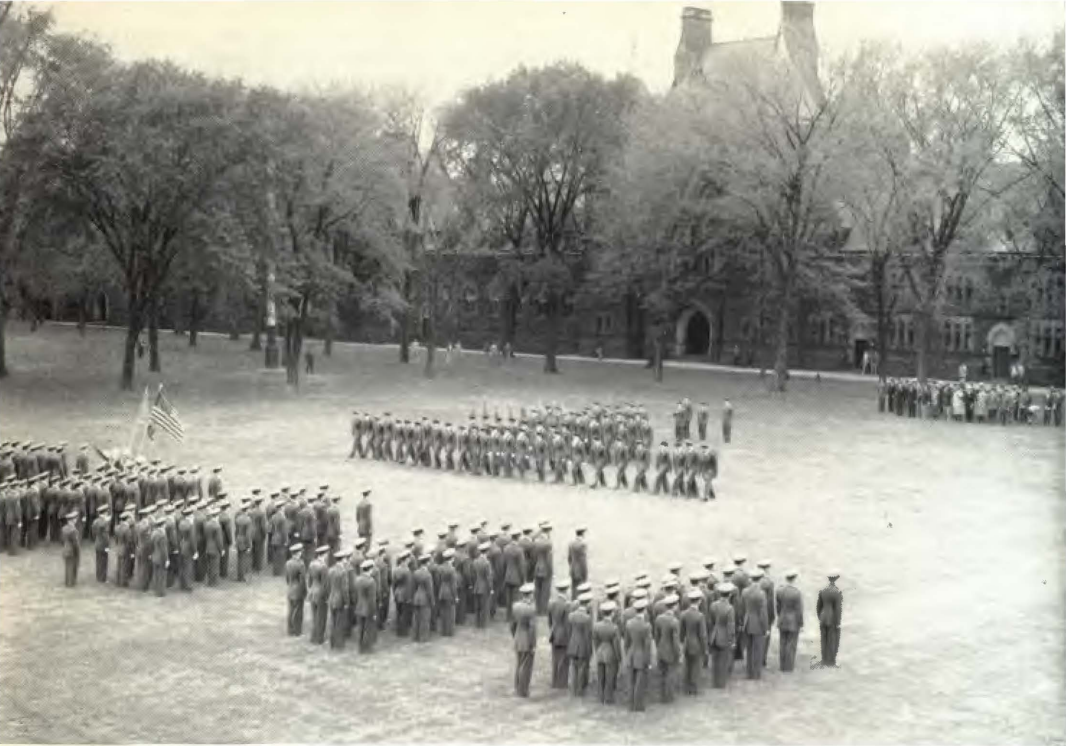
Junior Advisor's Study

Freshman Room

*Top: The Freshman Dormitory Quadrangle
The Freshman Lounge*

One of 10 fraternities





Air ROTC Awards Review—Seabury, Northam, and Jarvis in Background

Hallden Engineering Laboratory





Jesters' arena-style presentation of Shaw's "Misalliance"

"Trinity possesses, I believe, the requisite tools for the effective execution of our dedicated mission. But is this effective execution of more than academic interest? My answer is yes, unequivocally, yes. I say this because of the world in which we live, because of the enormity of the problems free peoples face, and because of current trends in education. At stake is the dignity and integrity of the individual; whether he or the state is to be supreme, the real center of justice; whether God or Mammon will guide our destiny.

"A wise resolution of these problems, problems that gravely concern our keenest minds, calls for citizens and leaders of wisdom, courage and vision, of understanding, resourcefulness, and faith in God. The ultimate choice will be made not by governmental edict, but by the individual citizen in his day-to-day acts. He occupies a position of compelling consequence, more so than at any time in history. He is the very heart of our ideology, of our way of life. We must see that he has the wisdom, the courage, the self-reliance, the moral and spiritual strength to think for himself and to act for himself, to decide for himself, without dependence on or help from paternalistic government. Never has the world so desperately needed a proper sense of values, a crystal clear perspective. For all of this, sound and thoughtful training in the liberal arts is fundamental.



Commencement

“The object of liberal education is man himself, his growth, his maturity, and his rationality, man as an individual. It has as its approach and its substance the study of human problems, the comprehension of ideas and of ethical concepts, a view of relations, and a determination between choices. It seeks to inculcate an interest in the arts and the sciences for their own sake, the finding of values in life other than material, the development of individuality and of self-respect. It is both the approach and the means of approach to basic problems—to religion and morality, to politics and the state, to law and government, to economics and sociology, to science and technology.

“The liberally educated man, although he may be a specialist in one field has a mind that can operate in many fields. He has a balance of perspective between his own specialty and the efforts of all humanity; he has an ethical approach both to that specialty and to that totality. Instruction in the liberal arts provides the knowledge, understanding, and discipline for its acquisition; the perspective, the inquiring mind, and the sense of values to meet effectively the problems of the world and to make the day-to-day decisions on which our way of life depends.”

Courses of Instruction

EACH course, unless otherwise specified, meets three hours a week throughout the year and gives six semester hours of credit. One semester hour represents one classroom meeting per week for one semester. Semester hours are recorded only for the benefit of graduate and professional schools. Certain elementary language courses may be given six times a week during one term and will count as double courses for purposes of determining proper academic loads.

Courses are identified by numbers ranging from 101 to 499; those courses from 101 to 199 are primarily for Freshmen; from 201 to 299 primarily for Sophomores; from 301 to 399 primarily for Juniors; and 401 to 499 primarily for Seniors.

A course number indicates a semester of work. An odd number represents a half course (three semester hours) offered in the Christmas Term (Sept.-Jan.), while an even number represents a half course offered in the Trinity Term (Feb.-June). In case a course is offered in a term different from the one indicated by its number, the fact is noted by an additional number in parentheses.

An indivisible course is numbered 101-102, six semester hours, and a divisible course 101, 102 with each half course counting three semester hours, except where otherwise noted. The symbols [] mean that a course is not being offered in the current year.

Summer School and Graduate Courses use the same numbering system except that the letter "s" precedes the summer session courses and all graduate courses are numbered from 501-699.

The word *course* as used in degree requirements signifies the equivalent of one year of work in a subject, amounting to six and in some cases to eight semester hours.

A *half course* meets for only one semester and carries credit amounting to three and in some cases to four semester hours.

A *double course* is a full year course that is completed in one term. It requires twice as much time as a regular course and it counts as *two courses* for purposes of determining fees and academic standing.

In addition to the regular courses of instruction, arrangements are made from time to time, at the convenience of the instructors, for voluntary studies in such subjects as may profitably be pursued by undergraduates; but no voluntary study may be counted towards satisfying the requirements for any degree.

AIR SCIENCE

PROFESSOR MANNING; ASSOCIATE PROFESSORS MC FERRIN, NOLIN AND REGAN;

ASSISTANT PROFESSORS EGIERD AND MURRAY

101-102. The Airplane and the Air Age and statutory obligations for military service; introduction to aviation; fundamentals
- Details of the AFROTC program; moral

of global geography; factors of world power; the nation's defense organization. Leadership Laboratory. - Capt. Egierd and Capt. Murray.

201, 202. Elements and Potentials of Air Power - Careers in the USAF; moral and spiritual foundations for leadership; targets; weapons; aircraft; bases; operations. Leadership Laboratory. - Maj. Nolin and Maj. McFerrin.

301, 302. The Air Force Officer in the Air Age - Command and staff concepts; creative problem solving; communication channels and skills; principles and tech-

niques of learning and teaching; military law, courts and boards; weather; air navigation; functions of the Air Force base; preparation for summer camp. Leadership Laboratory. - Capt. Murray and Maj. Nolin.

401, 402. Leadership and Air Power Concepts - Leadership and management; military aspects of world political geography; foundations of national power; military aviation and the evolution of warfare; career guidance; briefing for commissioned service. Leadership Laboratory. - Lt. Col. Manning, Maj. McFerrin, and Capt. Egierd.

BIOLOGY

PROFESSOR BURGER; ASSISTANT PROFESSORS VAN STONE AND ZIMMERING

BIOLOGY MAJOR - Four courses in Biology; Chemistry 305-306. A grade of 70 or better must be obtained in four of the five courses listed.

101-102. General Biology - Primarily a course for B.A. students at the Freshman-Sophomore level. In order to count as a prerequisite to advanced work in Biology a grade of 80 or better must be secured. Three class hours and one laboratory period a week. 8 semester hours. - Dr. Van Stone.

201-202. Introduction to Biology - A foundation course for more advanced work in Biology designed for the Sophomore level for Biology, Pre-Medical Majors and for those who wish or need a comprehensive survey of the living world. Limited to 40. Three class hours and one laboratory period a week. 8 semester hours. - Dr. Zimmering.

203. Botany - An elementary semester course which strives to present an organized picture of the plant world. Open to all students who have had an elementary college course in Biology, or with permission of the instructor. This course cannot be substituted for Biology 101-102 or 201-202 as a degree or major requirement. Three class periods and one laboratory weekly. - Dr. Zimmering.

301-302. Comparative Vertebrate Anatomy and Zoology - This course differs from the conventional anatomy course in

that in addition to comparative anatomy, emphasis is placed on embryology, microscopic structure, functional anatomy, and vertebrate zoology. Elective for those who have passed 201-202 with a grade of 70 or 101-102 with a grade of 80. Limited to one section of about 20. Three two-hour periods a week. - Dr. Burger.

304. Genetics - Theories of inheritance and variability. - Dr. Zimmering.

401-402. General Physiology - Biological theory in terms of physico-chemical processes. Not mammalian or human physiology. Elective for Juniors or Seniors or on consent of instructor. It is desirable that Chemistry 305-306 be taken previously. - Dr. Burger.

403. Embryology - A summary of embryological theory together with descriptive vertebrate embryology. Elective for those who have passed 201-202 with a grade of 70, or 101-102 with a grade of 80. Pre-medical students who desire this course are urged to take it in the Senior year. Three two-hour periods a week. - Dr. Van Stone.

406. Cellular Biology - Theory and practice in preparing material for microscopic study, together with selected areas of histology. - Dr. Van Stone.

CHEMISTRY

PROFESSOR SMITH; VISITING PROFESSOR GORDON; ASSOCIATE PROFESSOR SMELLIE; ASSISTANT PROFESSORS GILPIN, WORRALL, AND BOBKO

CHEMISTRY MAJOR – Five and one-half courses in Chemistry, including Chemistry 303, Chemistry 304, Chemistry 305-306, Chemistry 407-408 and one advanced course from the following: Chemistry 311 and 412, 403, 404, 405-406, 509-510. Also required are Physics 221-222; German 111-112; and Mathematics 201, 202. A grade of 70 or better must be obtained in Chemistry 305-306 and Chemistry 407-408.

101-102. Elementary General Chemistry – The fundamental principles and concepts of chemistry. About fifteen elements and their more important compounds are covered. Special emphasis is paid to the importance of chemistry to modern everyday living. The course is intended for students who would like a general survey of the science of chemistry. However, it is not a terminal course. Elective for those who do not offer chemistry on admission. – Dr. Worrall.

103-104. Advanced General Chemistry – A general study of the chemical properties and reactions of substances from the viewpoint of elementary principles of atomic and molecular structure. Elective for those receiving credit on admission. – Dr. Bobko.

105-106. Theoretical Chemistry and Qualitative Analysis – A short review of the principles of inorganic chemistry followed by a study of the physical chemistry of solutions as applied to analytical chemistry. A systematic study and separation of the common cations and anions; analyses of solid unknown mixtures. Elective for those receiving credit for chemistry on admission and who pass a placement examination held during Freshman Week. – Dr. Gilpin.

201. Qualitative Analysis – A semester course for those who have had one year of college chemistry. A systematic study and separation of the common cations and anions including physical chemistry of solutions as applied to analytical chemistry. Elective for those who have passed Course 101-102 or 103-104 with a grade of 70. – Dr. Smith.

209. Elementary Physical Chemistry – General survey of physical chemistry for pre-medical students. Atomic and molecular structure; properties of gases, liquids

and solids; solutions, thermochemistry; equilibria; elementary electrochemistry; elementary colloid chemistry; radiochemistry. Elective for those who have passed Course 105-106 or 201 with a grade of 70. – Dr. Gilpin.

210. Introductory Physical Chemistry – The three laws of thermodynamics and their application to problems in gases, thermochemistry, chemical equilibria, and one component phase equilibria. This course, which is integrated with Course 407-408 forms the first part of the regular three semester program in physical chemistry for chemistry majors. Same prerequisites as for 209. – Dr. Gilpin.

[303. Volumetric Quantitative Analysis] – Practice in volumetric methods and calculations. Lectures and laboratory work. Elective for those who have passed Course 105-106 or 201 with a grade of 70. – Dr. Smith.

[304. Gravimetric Quantitative Analysis] – Lectures and laboratory work covering gravimetric procedures. Single determinations and complete analyses of brass and limestone. Determination of copper by electrolysis. Elective for those who have passed Course 105-106 or 201 with a grade of 70. – Dr. Smith.

305-306. Elementary Organic Chemistry – A systematic study of the compounds of carbon in both the aliphatic and aromatic series, their synthesis, properties, structures and uses. Elective for those who have passed Course 303 or 304 with a grade of 70. – Dr. Bobko.

311. Selected Topics in Inorganic Chemistry – Atomic structure and isotopes; methods for determining the structure of molecules; coordination complex compounds; recent advances in chemistry of certain metals and non-metals; reactions in liquid ammonia and liquid sulfur di-

oxide. Elective for those who have passed Course 209 or 210 with a grade of 70. – Dr. Smellie.

402. Advanced Organic Chemistry – Selected topics in the organic and physical chemistry of biological reactions. Carbohydrates, fats, proteins. Reaction mechanisms. Thermodynamics and kinetics of selected biochemical systems. Mechanism of enzymes. Elective for those who have passed Courses 305-306 and 209 with a grade of 70 in each. 3 lectures per week. – Dr. Gordon.

403, 404. Advanced Organic Chemistry – An extension of Course 305-306 to include important synthetic methods, the use of chemical literature, application of physical methods to the study of organic compounds, the theory of valence, organometallic compounds, the structure theory, isomerism, molecular rearrangements, and other similar topics. Lectures and coordinated laboratory work. Elective for those who have passed Course 305-306 with a grade of 70. – Dr. Worrall.

[405-406. Qualitative and Quantitative Organic Analysis] – A study of systematic methods for the qualitative identification of organic compounds, including treatment of both individual compounds and mixtures. The quantitative determination, by semi-micro methods, of carbon, hydrogen, nitrogen, halogens, and sulfur. Laboratory, conferences, and discussions. Elective for those who have passed Course 305-306 with a grade of 70 or better.

407-408. Physical Chemistry – A comprehensive course in physical chemistry integrated with and designed to follow Chemistry 210. Review of thermodynam-

ics; molecular structure and physical properties; solutions; kinetic theory; chemical kinetics and catalysis; electrochemistry; elements of quantum chemistry; introduction to chemical statistics.

Elective for those who have passed Course 210 with a grade of 70, Physics 221-222 and Mathematics 201, 202. – Dr. Smellie.

412. Instrumental Analysis – A laboratory course in the theory and application of instrumental methods to chemical analysis. Spectrograph; qualitative and quantitative spectroscopy; visible and ultraviolet-spectrophotometer; absorption spectra and quantitative spectrophotometry; polarograph; polarizing microscope; potentiometric and conductance titration methods; radioactive tracer methods. Elective for Senior chemistry majors with permission of instructor. – Dr. Smellie.

509-510. Advanced Physical Chemistry – Topics in chemical physics investigated from a mathematical and physical point of view. These topics will include advanced thermodynamics, elementary applications of quantum and statistical mechanics to chemistry, and reaction kinetics. Elective for those who have passed Course 407-408 with a grade of 70, and Mathematics 201, 202 and 301. – Dr. Smellie.

601-602. Research – May be elected for 6 semester hours. Elective for graduate students. – Dr. Smith, Dr. Smellie, Dr. Gilpin, Dr. Worrall, Dr. Bobko.

603-604. Research – May be elected for 6 semester hours. Elective for graduate students. – Dr. Smith, Dr. Smellie, Dr. Gilpin, Dr. Worrall, Dr. Bobko.

CLASSICAL LANGUAGES

PROFESSOR NOTOPOULOS; ASSISTANT PROFESSOR MERRIMAN;
MR. EGAN AND DR. BEACH

CLASSICS MAJOR – Five courses are required for the major. Four courses in both Greek and Latin, one of which must be beyond Greek 201 or Latin 121-122; and an additional course in Greek or Latin, or six semester hours chosen from the following: Classical Civilization 203, 204; Fine Arts 208; History 203, 204; Philosophy 311, 312.

Greek

101-102. Elementary Greek – A full course completed in one term, elective for all classes. This intensive course, which is designed for those who begin

Greek in college, meets six times a week and completes a year of Greek in the Christmas term. The aim of this course is to enable the student to read Greek as soon as possible. Significant selections from Greek literature are used as the basis for the learning of grammar, of vocabulary, and for the practice of composition. — Mr. Merriman.

112. **Plato** — This course, which follows the intensive course in elementary Greek, meets three times a week in the Trinity term. A fourth hour is devoted to practice in reading and composition. The course is designed to give a portrait of the life and thought of Socrates as presented in Plato's *Apology* and in selections from the *Dialogues*. Discussion and collateral reading on Platonism and some aspects of the Platonic Tradition. Four hours. — Mr. Notopoulos.

201. **Homer** — The finest portions of the *Iliad* will be read, with emphasis on the oral aspects of Homer; discussion and collateral reading on Homer, the nature and style of his poems, and some aspects of his influence on English literature. The course meets three times a week, with a fourth hour for additional practice in reading and composition. Elective for those who have taken Greek 112. Four hours. — Mr. Notopoulos.

202. **Greek Lyric Poetry and Drama** — Selections from the Lyric Poets; a Greek tragedy. Three times a week and a fourth hour for additional practice in reading and composition. Elective for those who have taken Greek 201. Four hours. — Mr. Merriman.

301-302. **Advanced Readings in Greek** — The material of this course is changed every year according to the desires and needs of the class. Three times a week and a fourth hour for additional practice in reading and composition. Elective for those who have taken Greek 201-202. — Mr. Notopoulos and Mr. Merriman.

[401-402. **Seminar: Athens of the Fifth Century B. C.**] — The main aspects of the century in their mutual relations will be studied from primary sources read partly in the original and partly in the Loeb translation of classical authors. The aim of this course is to foster the development of a mind that will approach the problems of modern civilization with an understanding of their origins and a sense of human possibilities to which Greek civilization bears witness. A limited number of men in other Departments who may desire a classical background for their special fields may be admitted to this course with the permission of the instructor. In their case the primary sources will be read in translation.

Latin

101-102. **Elementary Latin** — This course, designed for those who begin Latin in college, meets three times a week and is elective for all classes. Its aim is to enable the student to read Latin as soon as possible. Significant selections from Latin literature are used as the basis for the learning of grammar, of vocabulary, and for the practice of composition. — Mr. Notopoulos.

111. **Intermediate Latin** — A rapid review of Latin grammar, followed by a reading of selections from Latin prose. Three times a week with a fourth hour for additional practice in reading and composition. Elective for those who have offered two or three units of Latin at entrance or have taken Latin 101-102. Four hours. — Mr. Notopoulos.

112. **Virgil** — The finest portions of the *Aeneid* will be read; discussion and collateral reading on Virgil, the sources and style of his epic, and some aspects of his influence on English poetry. Three times a week, with a fourth hour for additional practice in reading and composition. Elective for those who have offered two or three units of Latin at entrance or have taken Latin 111. Four hours. — Mr. Merriman.

121-122. **Introduction to Latin Literature** — An introduction to the important writers of the Republic and early Empire, with a study of their historical backgrounds, and their influence. Three times a week, and a fourth hour for additional practice in reading and composition. Elective for those who have

offered three or four units of Latin at entrance or who have taken Latin 112. Eight hours. — Mr. Merriman and Mr. Notopoulos.

201-202. Advanced Readings in Latin — The material of this course is changed every year according to the desire and

needs of the class. Three times a week, with a fourth hour for additional practice in reading and composition. Elective for those who have taken Latin 121-122. In 1957-58 the subjects are Catullus and Prose of the Empire Period. Eight hours. — Mr. Notopoulos and Mr. Merriman.

Classical Civilization

The following courses presuppose no knowledge of Greek and Latin:

201-202. Classical Humanities — A study of Greek and Roman civilizations through readings in, and discussion of, a limited number of masterpieces in classical literature, history, philosophy, and science which have contributed most significantly to our own civilization. — Mr. Notopoulos and Mr. Merriman.

203. Roman Law — A half-course which

treats the historical development, principles and influence of Roman Law. — Mr. Egan.

204. Mythology — A study of classical and post-classical mythology essential to the understanding and appreciation of European and American literature and art. — Mr. Notopoulos.

[401, 402. Seminar] — Prerequisite: Juniors and Seniors with permission of instructor.

ECONOMICS

PROFESSOR TOWLE; ASSISTANT PROFESSORS CANDELET, OANH, SCHEUCH AND TUCKER; DR. DUNN

ECONOMICS MAJOR — Five courses in the Department, including Economics 401-402.

201-202. Introduction to Economics — The fundamental facts and principles of the production, exchange and distribution of wealth, and the nature and determination of the national income are followed by a more detailed examination of special subjects, such as money and banking, international trade, public finance, industrial combinations, public utilities, labor problems, and socialism. Elective for Sophomores, Juniors, and Seniors. — Dr. Candelet, Mr. Tucker, Dr. Scheuch, Dr. Oanh and Dr. Dunn.

203-204. Principles of Accounting — A study of the accounting concepts and techniques involved in satisfactory administration of the economic activity of the business enterprise: books of record; accounts; fiscal period and adjustments; working papers; form, preparation, and interpretation of financial statements; followed by an intensive and critical study of the problems of valuation as they affect the preparation of the balance sheet and income statements. Elective for Soph-

omores, Juniors, and Seniors. — Mr. Tucker.

301-302. Money and Banking — The theory and history of money, bank credit, and prices; banking operations; banking systems and central banking, especially in the United States; international monetary mechanisms; industrial fluctuations and national income analysis. Elective for those who have taken Economics 201-202. — Dr. Towle.

303. Labor Problems — A study of labor problems growing out of modern economic arrangements: economics of wage determination in theory and practice; hours; unemployment; role of the state in protecting workers, especially with regard to social security; history of the labor movement. Elective for those who have taken Economics 201-202. — Dr. Scheuch.

304. Labor Relations — Trade-union structure and government; collective bargaining and its issues (union shop; hiring,

- promotion, and discharge; technological changes; etc.); collective bargaining experience in selected industries; industrial disputes; unions and politics; government control of labor relations. Elective for those who have taken Economics 303; others admitted by consent of the instructor. — Dr. Scheuch.
- 306. Public Finance** — Financial history of the United States; public expenditures; public revenues; public debts; financial administration; economic effects of government fiscal policies. Elective for those who have taken Economics 201-202. — Dr. Candelet.
- 308. Government and Industry** — Forms of industrial organization; public utilities; government economic planning. Elective for those who have taken Economics 201-202. — Dr. Candelet.
- 309. Corporation Finance** — The development of the business unit; corporate organization and control; corporation securities; valuation and promotion; administration of income; expansion; financial readjustments. Elective for those who have taken Economics 201-202. — Dr. Candelet.
- 311. Statistics** — Nature and importance of statistics; collection and sources of data; tabular and graphic presentation of data; ratios; introduction to index numbers; the frequency distribution; measures of central tendency; measures of variability; the normal curve of distribution; elementary sampling theory; introduction to time series analysis; simple linear correlation. — Dr. Scheuch.
- 315-316. International Trade and Commercial Policy** — The balance of international payments; foreign exchange and international finance; international trade theories; trade restrictions; foreign investment; control of raw materials; international cartels; economic development. Elective for those who have passed Economics 201-202. — Dr. Towle.
- 323. Comparative Economic Systems** — An analysis and comparison of the aims, organization, operation, and controls of capitalism, socialism, communism, and fascism. Prerequisite: Economics 201-202. — Dr. Candelet.
- 401-402. Economic Analysis** — Christmas Term: Modern economic theory of pricing, distribution and national income. Trinity Term: The development of economic thought from the Greeks through Alfred Marshall. Prerequisite: Economics 201-202. Required of Economics majors in their Senior year. Others admitted by consent of the instructor. — Dr. Towle and Dr. Dunn.

EDUCATION

ASSOCIATE PROFESSOR HERDMAN; ASSISTANT PROFESSOR MORRIS;
AND DR. ESTARELLAS

- EDUCATION GROUP MAJOR, B.A.** — Two courses beyond the introductory course in any two B.A. fields; three courses in Education including Education 471-472.
- EDUCATION GROUP MAJOR, B.S.** — Two courses beyond the introductory course in any two science fields; three courses in Education including Education 471-472. A grade of 70 or better must be obtained in the Education courses.
- 371. History and Philosophy of Education** — A study of the basic ideas, institutions, and practices of contemporary education in light of their historic development from earliest times to the present, and a critical examination of their underlying assumptions and values. Trinity Term. — Dr. Morris.
- 373. Educational Psychology, Psychology of Childhood and Adolescence** — A study of physical, emotional, social, and intellectual growth during childhood and adolescence with particular emphasis upon developmental characteristics which are of significance to the educator. Prerequisite: Psychology 141. — Dr. Herdman.
- 374. Educational Psychology, Psychology of the Teaching-Learning Process** — A study of the nature and conditions of learning, including the development of motor skills, perception, understanding, attitudes and ideals. Prerequisite: Psychology 141. — Dr. Estarellas.

376. Educational Sociology – A study of the dynamics of education in the American social order, with consideration of the influence of political and economic forces on the educational system. – Dr. Estarellas.

471-472. Practice Teaching – A laboratory course of supervised observation and teaching experience in cooperation with nearby secondary schools. The student must be able to spend in the school a minimum of one-half of a secondary school day for at least eight weeks, and must ordinarily observe or teach approximately 140 school periods. Christmas or Trinity Term. Prerequisite: Six semester hours of study in Education, senior or graduate standing, and permission of the instructor. – Dr. Herdman, Dr. Morris and Dr. Estarellas.

[473. Educational Measurement and Evaluation] – A study of the principles

involved in the measurement and evaluation of pupil characteristics, with consideration of the construction of teacher-made tests, the use of standardized achievement and aptitude tests, and the employment of simple statistical methods in the interpretation of test results.

475. Principles and Methods of Secondary Education – A study of secondary school aims, curricula, and teaching methods as they grow out of the characteristics and needs of adolescents in contemporary American society. – Dr. Estarellas.

478. Educational and Vocational Guidance – A study of the principles and methods involved in providing individual and group guidance for pupils in making educational and vocational decisions and adjustments. Attention is given to the purposes of guidance, and to the place of guidance services in the total school program. – Dr. Herdman.

ENGINEERING

PROFESSOR LOCKWOOD; ASSOCIATE PROFESSOR KRAFT;

ASSISTANT PROFESSOR SAPEGA

ENGINEERING MAJOR – Mathematics 201, 202; 301; Chemistry 101-102 or 103-104 or 105-106; Physics 121-122; 221-222; Engineering 131-132; 227-228; 331, 332; 333, 334; 337-338. A grade of 70 or better must be obtained in the required Physics, Mathematics, and Engineering courses.

131. Engineering Drawing – Lettering, use of instruments, geometrical construction, working drawings, elementary free-hand sketching, pictorial representation, screw threads, and machine fastenings. – Mr. Kraft and Mr. Sapega.

132. Descriptive Geometry – The purpose of this course is to develop a working facility in solving the basic geometrical problems of engineering, and to give training in spatial visualization. Studies are offered in determination of distances, angles, intersections of lines, planes, and surfaces, and patterns of developable surfaces. Two lectures and two periods of drawing. Elective for those who have taken Engineering 131 and Mathematics 101. – Mr. Kraft and Mr. Sapega.

227-228. Applied Mechanics – This course stresses graphical solutions and the theory leading up to and including

the dynamics of rotating bodies; also prepares for advanced structural courses and kinematics of machinery. It stresses the engineering approach to the subject matter. Prerequisites: Mathematics 101, 102; Physics 121-122 and currently taking Mathematics 201, 202; Physics 221-222. –Mr. Lockwood.

235-236. Surveying – Principles of surveying, covering the use of the tape, compass, level, transit, and plane table; laying out of traverses, including use of stadia; azimuth by solar observations; mapping of a section of the campus, curves and earthwork; more field work in the use of instruments. Required for students intending to follow civil and electrical engineering. – Mr. Lockwood.

321. Advanced Drawing and Mechanisms – Detail and assembly drawings; manufacturing processes; kinematics of machines. Prerequisite: Engineering 131, 132; 227-228. – Mr. Kraft.

331-332. Elements of Electrical Engineering - Analysis of electrical circuits, including d.c. networks, single and three phase a.c. circuits. Study of electrical machinery and equipment. Lectures and laboratory. Prerequisites: Physics 221-222; Mathematics 201, 202. - Mr. Sapega.

333. Engineering Materials - A study of the manufacture and properties of ferrous and nonferrous alloys, cements, clay products, protective coatings, fuels, and water softening. Laboratory work will illustrate the effects of mechanical workings, heat treating, and welding on the microstructure and physical properties of carbon and alloy constructional and tool steels, proportioning of concrete, and physical characteristics and properties of wood. Three lecture-recitation periods and one laboratory period per week. Prerequisite: one year of Chemistry. - Mr. Kraft.

334. Strength and Elasticity of Materials - A study of the stresses and deformations in tension and compression members, riveted and welded joints, shafts, beams, and columns. Three recitations per week. Prerequisite: Math. 201, 202; Physics 221-222; Engr. 227-228; 333. - Mr. Kraft.

335. Fluid Mechanics - The fundamen-

tals of fluid flow and its application to hydraulic machinery and structures. Three recitation periods and one laboratory period per week. Prerequisite: Engr. 227-228. - Mr. Kraft.

337-338. Thermodynamics and Heat Power - A study of the fundamentals of thermodynamics and the reciprocal conversions of heat and work accomplished through the media of various prime movers and their auxiliary equipment. Fuels and combustion, steam boilers and their accessories, steam engines and turbines, internal combustion engines of various types, pumps and air compressors, heat transmission, air conditioning and refrigeration. Field trips. Prerequisite: Physics 221-222 and Mathematics 201, 202. - Mr. Sapega.

431, 432. Engineer in Business and Economics of Engineering - History of Engineering, specifications, contracts, nature of engineering; role of engineer; costs of structures and industrial operations; interest, depreciation; problems of accounting, valuation; study of plant layouts; additional problems in applied economics. Three recitations per week. Open to Seniors only. - Mr. Lockwood.

433-434. Seminar - Open to Senior Engineers only. Engineering staff.

ENGLISH

PROFESSORS ALLEN AND HOOD; ASSOCIATE PROFESSORS MC NULTY*, CAMERON, AND WILLIAMS; ASSISTANT PROFESSORS RISDON, VOGEL, MORSE, DANDO, NICHOLS, BENTON, AND POTTER; MR. OLMSTED

ENGLISH MAJOR - Four courses in the Department beyond English 101-102, two of which must be advanced courses in literature (courses in the 300's and 400's), including Seminar 491 or 492, an English seminar. English 205, 206 and 221, 222 do not count as major courses. Either English 241-242 or 243-244, but not both, may count as a major course.

Composition, Speech, Dramatics

No student may elect more than one course in English composition in any one term.

101-102. Freshman English - Practice in composition, reading, and speaking. Fortnightly conferences. Required of all Freshmen. - Dr. Allen, Dr. Benton, Dr. Cameron, Mr. Dando, Dr. Hood, Dr. Morse, Mr. Nichols, Mr. Olmsted, Dr. Potter, Mr. Risdon and Dr. Williams.

201, 202. Expository Writing - Prerequisite: English 101-102 with a grade of at least 70. Section limit 12. - Dr. Cameron and Dr. Morse.

[**203, 204. Introduction to Writing for Publication**] - Analysis and criticism of

* On leave of absence, 1957-58.

markets and editorial policies. Articles are submitted for publication. Prerequisite: English 101-102 with a grade of at least 70. Limited to 15.

205, 206. Practice in Writing - For students who feel the need of improving their ability to write, especially to meet occupational demands after graduation. Emphasis will be placed on clearness in conveying ideas. Open to Seniors, Juniors, and Sophomores. 205 does not count toward an English major. Section limit 15. - Dr. Potter, Dr. Morse, and Mr. Olmsted.

211-212. Argumentation and Debate - The theory and practice of forensics, with particular reference to current political and social questions. Debates, discussions, and written exercises in analysis, research, briefing, and argument. Prerequisite: English 101-102. Limited to 20. - Dr. Hood.

241-242. Survey of English Literature - A study of the most important writers of English prose and poetry from Anglo-Saxon times to the present, with attention to their historical and literary backgrounds. Lectures, prescribed reading, and exercises in interpretation and criticism. Prerequisite: English 101-102. Section limit 22. - Dr. Benton, Dr. Morse, Dr. Potter, Mr. Risdon, and Dr. Williams.

243-244. Survey of World Literature - A study of the modes and traditions of world literature, oriental and Western, in the light of environment, climates of opinion, and literary evolution. Prerequisite: English 101-102. Section limit 20. - Dr. Hood.

245-246. Survey of American Literature - A study in genesis, backgrounds, and critical significance, with concentration upon the American Renaissance. Special emphasis upon Poe, Emerson, Thoreau, Hawthorne, Melville, Whitman, James, Dickinson, Clemens, and Eliot. Prerequisite: English 101-102. Section limit 20. - Dr. Cameron.

[275. History of the English Language] - Development of the language from Old English through Middle English to Mod-

221, 222. Public Speaking - Practice in the preparation and delivery of speeches. Prerequisite: English 101-102. Section limit 17. - Mr. Dando and Dr. Vogel.

231. Dramatic Technique - Introduction to the theatre. Prerequisite: English 101-102. Limited to 5. - Mr. Nichols.

232. Dramatic Technique - The study of and practice in the practical application of theatrical techniques to production. - Mr. Nichols.

401, 402. Creative Writing - The imaginative forms of writing, for those interested in exploring the techniques and disciplines of fiction and poetry. Critiques and discussion of both student and professional work. Prerequisite: Juniors and Seniors, who at first class-meeting hand in samples of their writing showing sufficient ability. Limited to 12. - Dr. Morse and Dr. Allen.

Literature

ern English. Lectures and discussion. Prerequisite: English 101-102.

[276. American English] - Development of American English; vocabulary, pronunciation, spelling; slang and related subjects. Prerequisite: English 101-102.

353. The Age of Chaucer - An introduction to the language and art of Chaucer and a consideration of the masterpieces of his early and middle periods. Prerequisite: English 241-242, or 243-244, or 245-246; or for Juniors and Seniors not majoring in English who have not had one of the Survey courses, permission of the instructor. - Mr. Olmsted.

354. The Age of Chaucer - The later period. The masterpieces of Chaucer's latest period and other great works of the Middle English period. Prerequisite the same as for English 353. - Mr. Olmsted.

[357. Seventeenth Century] - Bacon to Dryden. Studies of selections from the prose and poetry of the period. Prerequisite the same as for English 353.

[358. Seventeenth Century] - Milton. Detailed study of *Paradise Lost*, *Paradise Regained*, and *Samson Agonistes*. Lec-

tures on Milton's prose and minor poems. Prerequisite the same as for English 353.

[359. Eighteenth Century] - The Age of Pope. A study of neo-classical concepts of society and literature as revealed by the major writers of the period. Prerequisite the same as for English 353.

[360. Eighteenth Century] - The Age of Johnson. A study of the decline of neoclassicism and of the development of romantic ideas of society and literature as exemplified in the major authors of the period. Prerequisite the same as for English 353.

361. Nineteenth Century - The Romantics. The poetry of Wordsworth, Coleridge, Byron, Shelley, and Keats. Prerequisite the same as for English 353. - Dr. Benton.

362. Nineteenth Century - The Victorians. The poetry of Tennyson, Browning, Arnold, and Swinburne; the prose of Carlyle and Ruskin. Prerequisite the same as for English 353. - Dr. Benton.

[363. Contemporary Literature] - American and British poetry and prose from 1885 to 1920. Prerequisite the same as for English 353.

[364. Contemporary Literature] - American and British poetry and prose from 1920 to the present. Prerequisite the same as for English 353.

[371. The Drama to 1642] - A survey with emphasis on the Golden Age in Greece and the Elizabethan period in England.

[372. Contemporary Drama] - A survey of the foundations and development of

modern drama including Ibsen, Strindberg, Shaw, O'Neill and lesser dramatists of Europe, England and the United States.

373. Prose Fiction to 1800 - A survey of the forms and theories of prose fiction down to and including the beginnings of the novel. Prerequisite the same as for English 353. - Mr. Risdon.

374. Prose Fiction Since 1800 - A study of the development of modern techniques in prose fiction, especially the novel. Prerequisite the same as for English 353. - Mr. Risdon.

381-382. Shakespeare - A course intended to give a reading knowledge of the more important plays. In Christmas Term, six comedies (*Midsummer Night's Dream*, *Merchant of Venice*, *Much Ado About Nothing*, *As You Like It*, *Twelfth Night*, and *Measure for Measure*); five histories; and one tragedy, *Romeo and Juliet*. In Trinity Term, six tragedies (*Julius Caesar*, *Hamlet*, *Othello*, *King Lear*, *Macbeth*, and *Anthony and Cleopatra*) and two romances (*The Winter's Tale* and *The Tempest*). Prerequisites the same as for English 353. - Dr. Allen.

471. Literary Criticism - Historically and analytically considered. Prerequisites the same as for English 353. - Dr. Morse.

491. Seminar - Varied topics treated with emphasis upon student initiative. Either 491 or 492 required of all Senior English majors and open to others with the consent of the instructor. - Dr. Allen, *Hamlet*; Mr. Dando, *Satire*.

492. Seminar - See 491. Mr. Nichols, *Tragedy*; Dr. Benton, *Renaissance*.

FINE ARTS

PROFESSOR TAYLOR; ASSISTANT PROFESSOR PAPPAS; MR. FERGUSON

FINE ARTS MAJOR - Four courses in the Department including Fine Arts 201-202 or 301-302, and one course in Music.

101. **History and Appreciation of Art** - A survey of painting, sculpture, and architecture from the Pre-Classical periods to modern times. A basic course for the understanding and enjoyment of art, it analyzes and explains by means of lantern slides and photographs the technical and

aesthetic principles of the major visual arts. Ancient and medieval art is dealt with during the first semester. - Mr. Taylor, Mr. Pappas, and Mr. Ferguson.

102. **History and Appreciation of Art** - Renaissance and Modern Art are dealt

with during the second semester. Elective for all classes. - Mr. Taylor, Mr. Pappas, and Mr. Ferguson.

201-202. Applied Fine Arts - A study of the Fine Arts through practical work in various media. No previous training is necessary. Elective for those who have taken Course 101, 102 and for others with the consent of the instructor. - Mr. Pappas and Mr. Ferguson.

205-206. Modern Art - A course dealing with the history of painting from the French Revolution to modern times. Critical analysis of works of art is part of the course. Elective for those who have taken Course 101, 102. - Mr. Pappas.

207. Architecture - An introductory course in the history of the art of architecture from the Pre-Classical periods through the Middle Ages. Emphasis is placed on medieval architecture. Elective for those who have taken Course 101, 102 and for others with consent of instructor. - Mr. Taylor.

208. Classical Art - A review of the architecture and sculpture of Greece and Rome. Most of the course, however, is concerned with various aspects of the classical tradition in later times. Elective for those who have taken Course 101, 102 and for those who have the consent of the instructor. - Mr. Taylor.

209. Italian Renaissance Painting - A survey of Italian painting from the early Renaissance through the baroque period. The course includes studies of the representative painters, certain aspects of iconography, and the social and political conditions that affected the fine arts during the Renaissance in Italy. Elective for those who have taken 101, 102, and for others with consent of instructor. - Mr. Taylor.

210. Renaissance Art in Northern Europe - This course begins with the Van Eyck brothers and ends with the Baroque

period. It includes studies of representative Netherlands and German artists, both painters and engravers. The social and political history of Northern Europe during the Reformation period, insofar as it affected the fine arts, is also studied. Elective for those who have taken 101, 102, and for others with the consent of instructor. - Mr. Taylor.

211-212. Graphic Arts - This course includes various "black and white" techniques, such as pencil, conte crayon, scratch board, pen and ink, wood-cut, and linoleum cut. Elective for those who have taken 201-202. - Mr. Pappas.

301-302. Advanced Drawing and Painting - Particular attention is given to the needs and aptitudes of the individual student. Before entering the course each student must have had some previous basic training in drawing and painting, or satisfy the Fine Arts Department that he has ability. Elective, therefore, for those who have taken Fine Arts 201-202 and for others with consent of the instructor. 6 hours. - Mr. Pappas.

303-304. The Origin and Development of Modern Architecture - The course reviews the Gothic and Classical Revivals of the late 18th and early 19th centuries, the Eclectic phase of the later 19th century, and shows how, during this period, the foundations of the modern movement were laid. The work of such pioneers as Richardson and Sullivan is emphasized. After an examination of the basic reasons (practical and aesthetic) for the modern movement, the evolution of architectural design is traced from about 1900 to the present day, with emphasis on the contributions of Wright, LeCorbusier, Gropius, and other significant men. The course also includes a study of the evolution of modern architectural decoration such as sculpture, mural painting, etc. Prerequisite: Fine Arts 207, 208. - Mr. Taylor.

GEOLOGY

PROFESSOR CHAPMAN; MR. FRANCIS AND MR. FARNSWORTH

GEOLOGY MAJOR - The equivalent of four full-year courses in Geology to include Geology 101-102, 207-208, 209, 211, 302, and either 403 or 404. A grade of 70 or better must be obtained in four full-year courses, or their equivalent, in Geology. One full-year course in Chemistry is also required.

- 101-102. Introduction to Geology** - The fundamental facts, principles, and processes of physical geology, such as weathering, erosion, sedimentation, glaciation, diastrophism, and volcanology, are considered in the first half of this course. The student will learn to identify the common minerals and rocks, and to read and interpret topographic maps. The physical changes in the earth's crust and the evolution of life during geologic time are considered in the second half. In this phase of the work the student will study geologic maps and learn to recognize key fossils from the geologic past. Lectures, laboratories, and field trips. Eight semester hours credit. Section A: For freshmen and B.S. candidates only. Limited to 50. - Dr. Chapman and Mr. Farnsworth. Section B: For upper-class B.A. candidates only. Limited to 60. - Mr. Francis.
- 207-208. Paleontology** - A study of the characteristics of fossils and methods of their preservation. Emphasis is placed on the dating and correlation of strata by paleontologic means. Lectures and laboratories. Eight semester hours credit. Prerequisites: Geology 101-102 and permission of the instructor. Limited to 10. - Mr. Farnsworth.
- 209. Mineralogy** - A basic course covering crystallography and physical, chemical, and descriptive mineralogy. The occurrence, association, and uses of minerals are considered. Lectures and laboratories. Four semester hours credit. Prerequisites: Geology 101-102 and permission of the instructor. Limited to 10. - Dr. Chapman.
- 211. Structural Geology** - This course deals with the description and genesis of rock structures such as folds, faults, joints, foliation, and lineation. The use of these structures in unravelling geologic history is emphasized. Lectures and occasional field trips. Three semester hours credit. Prerequisites: Geology 101-102 and permission of the instructor. Limited to 10. - Mr. Farnsworth.
- 213. Geomorphology** - A study of land forms and an analysis of their origin. This course will help the student to understand and appreciate such physiographic features as mountains, plateaus, plains, etc. Lectures and occasional field trips. Three semester hours credit. Prerequisites: Geology 101-102 and permission of the instructor. Limited to 10. - Mr. Francis.
- 214. Glacial Geology** - A study of the characteristics, mechanics, distribution, and causes of glaciers, and of glacial and associated fluvial, lacustrine, and aeolian land forms and deposits. The stratigraphy and chronology of glacial deposits are emphasized. Lectures and occasional field trips. Three semester hours credit. Prerequisites: Geology 101-102 and permission of the instructor. Limited to 10. - Mr. Francis.
- 302. Petrology** - A study of the composition, texture, and structure of the common rocks together with a consideration of their occurrence and origin. Lectures, laboratories, and occasional field trips. Four semester hours credit. Prerequisites: Geology 209 and permission of the instructor. Limited to 10. - Dr. Chapman.
- 304. Economic Geology** - This course deals with the occurrence and origin of ores and of non-metallic materials other than oil. The role of mineral deposits in world economy is considered. Lectures. Three semester hours credit. Prerequisites: Geology 211, Geology 302 and permission of the instructor. - Dr. Chapman.
- 307. Principles of Stratigraphy** - This course deals with the methods and environments of sediment accumulation and with the conversion of sediments to sedimentary rocks. Techniques of stratigraphic correlation and classic type sections in the United States and abroad are considered. Lectures. Three semester hours credit. Prerequisites: Geology 101-102 and permission of the instructor. - Mr. Farnsworth.
- 308. Petroleum Geology** - A consideration of the origin, migration, and accumulation of petroleum and natural gas. The structure of leading oil fields is discussed. Lectures. Three semester hours credit. Prerequisites: Geology 211 and permission of the instructor. - Mr. Farnsworth.
- 311. Geology of North America** - A study of the stratigraphy, structure, physiography, and igneous geology of the

North American continent. Lectures. Three semester hours credit. Prerequisites: Geology 211, Geology 302, and permission of the instructor. - Mr. Francis.

401, 402. *Problems in Geology* - Advanced study and practical work in one or more branches of geology. The course will be adapted to the needs of the individual student. Since the subject matter of this course will differ each term, both terms may be taken for credit. Semester hours credit per term to be determined.

Prerequisite: Permission of the instructor. - Dr. Chapman.

403, 404. *Field Geology* - A systematic study and interpretation of geological phenomena encountered in the field. By preparing a geologic map of a specific area and writing a report, the student learns how to apply the principles and techniques learned in the classroom and laboratory. Since the field problems will differ each term, both terms may be taken for credit. Three semester hours credit per term. Prerequisite: Permission of the instructor. - Dr. Chapman.

GERMAN

PROFESSOR HUGHES; ASSISTANT PROFESSOR HANSEN; DR. FRESE,
MR. ANGELL, AND MR. PINKERTON

GERMAN MAJOR - Five courses in German beyond German 101-102, with the exception of German 233, 234. Also see Modern Languages.

101-102. *Elementary German* - Emphasis on pronunciation, grammar, and reading of easy texts. Three classroom hours and one laboratory hour per week. - Dr. Hansen, Mr. Angell and Mr. Pinkerton.

111-112. *Advanced Grammar, Composition, and Translation* - Practice in speaking, reading, and writing German. Review of grammar essentials. Intensive reading of graded and literary texts. Prerequisite: German 101-102 or its equivalent. Three classroom hours and one laboratory hour per week. - Dr. Hansen, Mr. Pinkerton, and Mr. Angell.

211-212. *Conversation and Composition* - This course is conducted in German and gives individual attention in order to develop an active command of the language. Prerequisite: German 111-112 and consent of instructor. - Mr. Hansen.

[301. *German Literature from the Earliest Times through the Middle High German Golden Age*] - Study of the major works, ideas, and trends in German literature from pre-Christian times until about 1220, and of the conditions which prevailed when they were written. Prerequisite: German 111-112.

[302. *German Literature from the Later Middle High German Period to the Clasi-*

cal Period] - Study of the major works, ideas, and trends in German literature from about 1250 until 1800, and of the domestic and foreign factors which influenced them. Prerequisite: German 111-112.

311. *Modern German Lyric Poetry* - Selected poets of the 19th and 20th centuries. Prerequisite: German 111-112. - Dr. Hughes.

312. *Masters of Modern German Drama* - Representative works of the 19th and 20th century dramatists. Prerequisite: German 111-112. - Dr. Hughes.

[321. *The German Novelle*] - A rapid reading of a number of short stories by representative writers of the Nineteenth Century; independent reading and written reviews. Prerequisite: German 111-112.

[322. *Twentieth Century Prose*] - Selected authors including Schnitzler, Thomas Mann, Kafka, P. Ernst, Hesse, and Stefan Zweig. Prerequisite: German 111-112.

331. *The Golden Age in German Literature* - Literary movements and tendencies during the second half of the 18th and early 19th centuries. Prerequisite: German 111-112. - Dr. Hansen.

332. *Goeth's Faust* - Part I read, Part II discussed. Prerequisite: German 111-112. - Dr. Hansen.

431-432. *Thesis Course* - Written reports on individually chosen classics. Con-

ferences with the instructors. Six semester hours credit. Prerequisite: one full year in courses in German literature other than German 233, 234; and consent of the instructor. - Dr. Hughes, Dr. Hansen, and Dr. Frese.

German Literature in Translation

The following courses require no knowledge of German:

233. *The German Heritage* - A survey of German Literature in Translation from the earliest times to the end of the classical period. No knowledge of German required. - Mr. Angell.

234. *The German Heritage* - A survey of German Literature of the nineteenth and twentieth centuries in English translation. No knowledge of German required. - Mr. Angell.

GOVERNMENT

ASSISTANT PROFESSOR FERWERDA; MR. NEAVERSON*,
MR. GATES, AND MR. GROTH

GOVERNMENT MAJOR - Four courses in the Department, including Government 201-202 and Government 401, 402. Economics 201-202 is also required. Philosophy 208 is strongly recommended.

201-202. *Modern Government* - An introduction to the theory and practice of democratic and totalitarian governments. In the Christmas Term emphasis will be upon the governments of Great Britain and the Soviet Union. In the Trinity Term the American national government will be studied, with particular attention to the constitutional framework and the politics of lawmaking. - Dr. Ferwerda, Mr. Neaverson, Mr. Gates, and Mr. Groth.

301. *Public Administration* - Theory and practice of administration, with emphasis upon organization, personnel management, budgeting, and staff-line relations. - Mr. Gates.

302. *American State and Local Government* - State, county, and municipal organization, interrelationships, and problems. - Mr. Gates.

[303. *American Parties and Politics*] - Party organization, election laws and machinery, pressure groups, participation in the political process. - Mr. Gates.

[304. *American Constitutional Law*] - The development of American constitutional law, with special attention given to landmarks of constitutional interpreta-

tion in an evolving federal system. - Mr. Gates.

[311. *International Politics*] - Basic factors in international relations: the nature of nationalism, imperialism, and colonialism; evolution of the national state system; contemporary sources of international tension. Special emphasis upon the operation of these factors in Asia and Africa. - Dr. Ferwerda.

[312. *International Law*] - Analysis of the function of law in international relations. Recent trends in the development of a system of international law. - Dr. Ferwerda.

313. *International Government* - Analysis of the beginnings of government among nations, through the evolution of twentieth century international organization. Special emphasis upon the United Nations system and European regional organizations. - Dr. Ferwerda.

314. *Problems of American Security* - Nature of the threat to security. Impact of world crisis upon individual freedom. Prospects for collective security. American security objectives and formulation of national security policy. Role of the armed forces in a widening concept of strategy. - Dr. Ferwerda.

* On leave of absence, Christmas Term, 1957-58.

[321. **Modern Democratic Thought and its Critics**] – Following a brief examination of the liberal democratic tradition as developed during the nineteenth century, the course will consider the ideas of leading critics of this position. Readings will include portions of: Bentham, Mill, Green, Freud, Lenin, Sorel, Mosca, Dewey, Laski, Lippman, and Schumpeter. – Mr. Neaverson.

322. Representative Political Institutions – An evaluation of European governmental experience with problems arising from changes in their postwar political, economic, and social environments. The course will examine the political impact of national economic planning, nationalization of basic industries, comprehensive welfare programs, and supranational organization. Emphasis will be given to Great Britain, France, and Germany, with

minor attention to Italy and Sweden. – Mr. Neaverson.

[324. **Totalitarian Government and Politics**] – A comparative course in contemporary totalitarian government. Half the term will be spent on the Soviet empire; the remainder will be divided between Nazi Germany, Fascist Italy, and Spain. Theory and institutional practice will be given about equal weight. – Mr. Neaverson.

401, 402. Seminar in Government – Topics to vary from year to year. Open to seniors by consent of the instructor. During 1957-58 the origins and development of the separation of power concept will be studied in the Christmas Term, and the Trinity Term will be devoted to an examination of the development of federalism in the United States. – Mr. Gates.

HISTORY

PROFESSOR THOMPSON; ASSOCIATE PROFESSORS COOPER AND DAVIS;
ASSISTANT PROFESSORS DOWNS, BLACK, BANKWITZ AND WEAVER;
AND DR. HOOD

HISTORY MAJOR – Four courses in the Department beyond History 101-102, including History 201-202, 203, 204 and 401 or 402. The qualitative requirements of History 201-202 and History 203, 204 may be satisfied by examination with permission of the instructor.

101-102. An Introduction to European History – A survey of Western European history from the fall of the Roman Empire to the present. Elective for all classes. – Dr. Cooper, Dr. Downs, Dr. Bankwitz, Dr. Weaver, and Mr. Hood.

201-202. United States History – A political, economic, and social survey. Sophomores, Juniors, and Seniors. – Dr. Thompson and Dr. Black.

203. Ancient History of the Near East and Greece – The origins of society in the Mediterranean world. A survey of ancient Near Eastern history and of Greece to the death of Alexander the Great. Sophomores, Juniors, and Seniors. – Dr. Davis.

204. Hellenistic and Roman History – A survey of the Mediterranean world during Hellenistic and Roman times to A.D. 325. Sophomores, Juniors, and Seniors. – Dr. Davis.

207. History of England to 1603 – A survey of the political, constitutional, economic, and religious evolution of England from the Roman Conquest to the death of Elizabeth I. Prerequisite: History 101-102. – Dr. Hood.

208. History of England from the Accession of James I to the Present – The development of England, Great Britain, and the Empire since 1603. Prerequisite: History 101-102. – Dr. Cooper.

301-302. History of the Middle Ages – A survey of Western Europe from the fourth to the fifteenth century including the Byzantine Empire and Islam. Prerequisite: History 101-102. – Dr. Downs.

[303. **The Italian Renaissance**] – The political, economic, and cultural movements, 1300 to 1500. Prerequisite: History 101-102 and the permission of the instructor.

- [304. **The Reformation**] – A study of the evolution of modern secular and religious institutions during the sixteenth century. Prerequisite: History 101-102 and the permission of the instructor.
- [305. **England in the Eighteenth Century**] – The political, cultural, and economic life of the period 1688-1820 stressing the foundations of power of the governing class. Prerequisite: History 207, 208 and the permission of the instructor. – Dr. Cooper.
- [306. **England in the Nineteenth Century**] – England from 1820 to 1914 stressing the age of reform, the evolution of middle-class culture and the industrial supremacy of Britain and the Empire. Prerequisite: History 207, 208 and the permission of the instructor. – Dr. Cooper.
309. **Imperial Russia** – Analysis of the political, economic, social and religious development of Russia to the collapse of the Tsarist regime in 1917. Prerequisite: History 101-102. – Dr. Bankwitz.
310. **The Rise of Soviet Russia** – The development of the Soviet regime from the revolutions of 1917 to the present day. Prerequisite: History 101-102. – Dr. Bankwitz.
311. **The Middle Atlantic States** – The political, economic, social, and intellectual history of the region to 1912, stressing its influence on the development of the United States. Prerequisite: History 201-202. Juniors and Seniors. – Dr. Thompson.
312. **The Colonial Period of American History** – The background and the political, economic, and social history of the period. Prerequisite: History 101-102 or History 201-202. Juniors and Seniors. – Dr. Thompson.
313. **The History of Latin America** – A short survey of the Iberian cultures of the Western Hemisphere. – Dr. Black.
314. **American Sectionalism and the Civil War** – An examination of the political, economic, and social history of the United States from 1815 to 1865, stressing the struggle between national and sectional influences. A brief consideration of the Civil War and of the Confederate States will be included. Prerequisite: History 201-202. – Dr. Black.
- [315, 316. **The History of Canada**] – A political, economic, and social survey of Canadian development, emphasizing the growth of British North America to independent national status within the British Commonwealth. Prerequisites: History 201-202 or History 207, 208. – Dr. Black.
319. **France in the Seventeenth and Eighteenth Centuries** – An analysis of the rise and fall of Bourbon France from the majority of Louis XIV to the end of the Great Revolution. Prerequisite: History 101-102. – Dr. Bankwitz.
320. **Modern France** – The development of France from 1815 to the present day, stressing the problems of the Third and Fourth Republics. Prerequisite: History 101-102. – Dr. Bankwitz.
- 323-324. **History of European International Affairs 1494-1945** – An analysis of the evolution of the European balance of power, and of war, diplomacy, and statecraft from the invasion of Italy by Charles VIII to the final collapse of Europe as the center of world power. A reading knowledge of French and/or German is recommended for undergraduates, and required for graduate students. Prerequisite: History 101-102. Juniors and Seniors. – Dr. Hood.
- [325-326. **The Rise of the United States as a World Power**] – An historical survey of the international relations of the United States. Prerequisite: History 201-202. Juniors and Seniors. – Dr. Thompson.
331. **History of Greece 594 B. C. to 338 B. C.** – A study of the political, economic, and social development of Greece from Solon to the loss of Greek independence after Chaeronea, with especial emphasis on the growth of democracy at Athens. Prerequisite: History 203 or permission of the instructor. – Dr. Davis.
332. **Alexander the Great and the Hellenistic Era 338 B. C. to 200 B. C.** – A history of Greece and the Near East from the conquest of Greece by Macedon with especial study of the source material on Alexander the Great, and on the Hellenization of the East. Prerequisite: History 203 or permission of the instructor. – Dr. Davis.
- [333. **The Roman Republic 265 B. C. to 44 B. C.**] – A political, economic, and so-

cial survey of Roman history from the beginning of Rome's expansion overseas to the end of the Republic with especial emphasis on the Age of Cicero and Caesar. Prerequisite: History 204 or permission of the instructor. — Dr. Davis.

[334. The Roman Empire 44 B. C. to A. D. 180] — History of Rome from the death of Caesar through the Age of Antonines with especial emphasis on the Augustan Age, survey of the economic and social institutions of the High Empire. Prerequisite: History 204 or permission of the instructor. — Dr. Davis.

401, or 402. Seminar in History — Re-

search and the use of source material both inside and outside the College is emphasized. During the term the student will develop a selected topic within a defined field, and will submit reports and a final paper based on his research. Prerequisites: seniors, permission of instructor. Topics for 1956-1957: History 401. *Section A:* American History, Dr. Thompson; *Section B:* American History, Dr. Black. *Section C:* Ancient History, Dr. Davis. History 402. *Section A:* American History, Dr. Thompson; *Section B:* American History, Dr. Black. *Section C:* England in the Eighteenth Century, Dr. Cooper. *Section D:* The Crusades, Dr. Downes.

INTERDEPARTMENTAL STUDIES

BACHELOR OF ARTS — Interdepartmental majors may be established with the consent of the departments concerned. Such majors shall consist of at least six courses.

BACHELOR OF SCIENCE — A combination of seven courses to be taken in the

departments of Biology, Chemistry, Engineering, Geology, Mathematics, and Physics. Three courses must be taken in one of those departments, two courses in a second department, and two courses in a third department. Interdepartmental Science majors are not open to Freshmen or Sophomores.

LINGUISTICS

PROFESSOR NAYLOR; ASSISTANT PROFESSOR HANSEN

101, 101 (2) — The study of essential steps in the history of English, of the elements of Greek and Latin with the important roots and their English derivatives, of the

development of world meanings, and of some basic principles underlying the use of language. Repeated in Trinity Term. — Dr. Naylor, Dr. Hansen.

MATHEMATICS

PROFESSOR DORWART; ASSOCIATE PROFESSOR KLIMCZAK;
ASSISTANT PROFESSORS HOFFMAN, STEWART, WHITTLESEY;
MRS. BUTCHER, MR. COCHRANE, AND MR. WILD

MATHEMATICS MAJOR — Five courses in Mathematics (including Mathematics 302) and Physics 301, 302; or six courses in Mathematics and Physics 121-122. A grade of at least 70 must be attained in Mathematics 301, and in Mathematics 302.

100. *College Algebra* — A careful treatment of the number system, review of intermediate algebra, logarithms, topics from the theory of equations and determinants. This course does not count toward the major in mathematics and cannot be taken for credit by any student who has passed Mathematics 101. — Dr. Dorwart,

Dr. Klimczak, Mr. Stewart, Dr. Whittlesey, Mr. Cochrane, Mr. Wild.

101. *Analytic Geometry and Calculus I* — Rectangular coordinates in the plane. Straight lines. Equations of curves. Functions and limits. Derivatives. Differentiation of algebraic functions. Differentials. Indefinite integrals. — Dr. Dorwart, Dr.

Klimczak, Mr. Stewart, Dr. Trousdale, Mr. Wild, Mrs. Butcher, Dr. Whittlesey, Mr. Cochrane, Dr. Hoffman.

102. Analytic Geometry and Calculus II – Definite integrals. Applications of definite integrals. Additional applications of derivatives. Circles, parabolas, ellipses and hyperbolas. Prerequisite: credit for Mathematics 101 or permission of instructor. – Dr. Dorwart, Dr. Klimczak, Mr. Stewart, Dr. Trousdale, Mr. Wild, Mrs. Butcher, Dr. Whittlesey, Mr. Cochrane, Dr. Hoffman.

201. Analytic Geometry and Calculus III – Transcendental functions. Polar coordinates. Parametric equations. Curvilinear motion. Curvature of plane curves. Integration by standard forms and by other methods. Elective for those who have passed Mathematics 102 with a grade of 70 or better or on permission of instructor. – Dr. Dorwart, Dr. Klimczak, Dr. Whittlesey, Mr. Cochrane.

202. Analytic Geometry and Calculus IV – Approximate integration. Improper integrals. Indeterminate forms. Introduction to differential equations. Solid analytic geometry. Double integrals. Prerequisite: credit for Mathematics 201 or permission of instructor. – Dr. Dorwart, Dr. Klimczak, Dr. Whittlesey, Mr. Cochrane.

203. Higher Algebra – The usual topics of a college algebra course plus an introduction to matrices, determinants, linear systems, and quadratic forms. Elective for those who have passed Mathematics 102. – Mr. Stewart.

204. Projective Geometry – Introductory course with emphasis on the synthetic approach. The principle of duality, perspectivity, Desargues' theorem, harmonic sets, projectively related forms, theorems of Pascal and Brianchon, pole and polar line. Coordinate systems. Affine geometry. Euclidean geometry as a specialization of projective geometry. Elective for those who have passed Mathematics 102. – Dr. Dorwart.

301. Differential Equations and Calculus – Partial derivatives and applications. Multiple integrals. Infinite series. Solutions of ordinary differential equations by classical methods, including introduction to solution by series. Elective for those

who have passed Mathematics 202 with a grade of 70 or better or on permission of instructor. – Dr. Hoffman.

302. Advanced Calculus – Introduction to the Laplace transformation, series solutions of differential equations with application to certain classical second-order equations, boundary value problems and orthogonal functions, vector analysis. Prerequisite: credit for Mathematics 301 or permission of instructor. – Dr. Klimczak, Dr. Hoffman.

305. Mathematical Statistics – Stochastic variable, axiomatic definition of mathematical probability, probability functions, density functions, joint distributions, functions of stochastic variables, moments, tests of statistical hypotheses, random sampling. Elective for those who have taken Mathematics 202. (Offered in alternate years with Mathematics 309.) – Mrs. Butcher.

306. Theory of Probability – Correlation and regression, tests of statistical hypotheses, small sample distributions, analysis of variance, topics in calculus, central limit theorem, Poisson distribution, laws of large numbers. Elective for those who have taken Mathematics 305. (Offered in alternate years with Mathematics 310.) – Mrs. Butcher.

[309. Theory of Finite Differences] – Advancing and central difference formulas, direct interpolation, divided differences, inverse interpolation, summation of series, numerical differentiation and integration. Elective for those who have taken Mathematics 201 and 203. Mr. Stewart. (Offered in alternate years with Mathematics 305.)

[310. Mathematics of Investment] – Annuities certain and applications. Introduction to life insurance mathematics. Elective for those who have passed Mathematics 102. This course does not count toward the major in Mathematics. (Offered in alternate years with Mathematics 306.)

[314. Topology] – The study of continuity. Simplest properties of topological spaces, compactness and connectedness, metrics. Classification of finite 2-complexes with particular attention to 2-manifolds. Further selections from the

topics: 3-manifolds, homology and homotopy, fixed points, coverings, product spaces, fibre spaces. Prerequisite: 70 in Mathematics 203 and 204 or the permission of the instructor.

401. Theory of Complex Variables – Algebra of complex numbers, analytic functions and conformal mapping, integrals of analytic functions and Cauchy's theorem, expansion of analytic functions in series, calculus of residues. Elective for

those who have taken Mathematics 302. – Dr. Klimczak.

404. Introduction to Modern Algebra – A formal approach to fundamental concepts such as groups, rings, fields, together with their applications to other parts of mathematics, and to physics and philosophy. Elective for those who have taken Mathematics 203 and 302 or on permission of instructor. – Mr. Stewart.

MODERN LANGUAGES

(also see German and Romance Languages)

MODERN LANGUAGES MAJOR – Plan A – Three courses beyond Course 111-112 in German, and two courses in one of the following languages: French, Italian, or Spanish.

Plan B – Three courses beyond Course 111-112 in one of the following languages: French or Spanish; and two courses in German.

MUSIC

PROFESSOR WATTERS AND DR. BARBER

MUSIC MAJOR – Four courses in the Department, including Harmony or Counterpoint, and one course in Fine Arts.

101, 101 (2). The Materials of Music – A survey course of the organization of sound into music. The study, through participation, of acoustics, harmony, composition, vocal and instrumental techniques, and analysis. – Dr. Barber.

103-104. History and Appreciation of Music – An elementary course in the analytical and historical study of music since 1600. The development of discriminating taste in composition and in performance is the main objective of the course. Section limit 25. Mr. Watters. (103 may be taken separately as a half course.)

105-106. Introduction to the Opera – A course in the appreciation of opera from its beginnings to the present. Special emphasis will be placed on the study of selected works in the current repertoire. – Dr. Barber.

107-108. Elementary Harmony – All candidates must have knowledge of the rudiments of music, and ability in piano playing sufficient for the performance of

simple four-part exercises. (Successful completion of Music 101 will be considered an acceptable substitute for the above requirement.) Section limit 10. – Mr. Watters.

109. Johann Sebastian Bach – A study of the life and works of Bach. Phonograph recordings and actual performances. – Mr. Watters.

110. Modern Music – A study of modern composers from Cesar Franck to the present day. – Mr. Watters.

201-202. Counterpoint of the 16th and 18th Centuries – The first half of the year is devoted to a study of the style of the great Church composers of the 16th and 17th centuries, leading to the Motets and other characteristic forms of the period. The second half deals with the harmonic counterpoint of J. S. Bach. Section limit 10. Prerequisite: Music 107-108 or equivalent. – Mr. Watters.

401, 402. Tutorial – Advanced work in Harmony, Counterpoint or History. Consent of the Department. – The Staff.

PHILOSOPHY

PROFESSOR MEANS; ASSISTANT PROFESSOR KURTZ;
DR. HENZE AND MR. ANDERSON

PHILOSOPHY MAJOR - Five courses in Philosophy, or four courses with a fifth course in another department subject to the approval of the Department of Philosophy, including Philosophy 201, Philosophy 315, 316, and Philosophy 411, 412.

201. Logic - Elective for upperclassmen; required of all Philosophy majors. This course does not fulfill the degree requirement in Philosophy. Given in each term. - Dr. Henze, Mr. Anderson.

204. Introduction to Philosophy - Elective for all classes. Given in each term. - Mr. Kurtz, Mr. Anderson and Mr. Henze.

205, 206. Origins of Modern Civilization - Christmas Term: Intellectual history of ideas with emphasis upon science. Trinity Term: Intellectual history of ideas with emphasis upon the philosophy of science. Elective for upperclassmen. - Dr. Henze.

207. Theories of Ethics - Elective for all classes. - Dr. Means.

208. Philosophy of the State - Elective for upperclassmen; open to freshmen by permission of the instructor. - Dr. Means.

[301. Philosophy in America] - Elective for upperclassmen who have taken one half-course in Philosophy.

302. Liberal and Empirical Traditions in English Thought or British Empiricism - Elective for upperclassmen who have taken one half-course in Philosophy. - Dr. Henze.

[303. Theories in Aesthetics] - Elective for upperclassmen who have taken one half-course in Philosophy, or by permission of the instructor.

311. Plato - Elective for upperclassmen. - Mr. Anderson.

312. Aristotle - Elective for upperclassmen who have taken Philosophy 311, or

by permission of the instructor. - Dr. Kurtz.

315, 316. History of Philosophy - Elective for upperclassmen who have taken Philosophy 204 or any two half-courses in Philosophy, or on recommendation from other departments. Required of all Philosophy majors. - Dr. Kurtz.

317. Philosophies of Human Nature - Elective for upperclassmen who have taken one half-course in Philosophy; open to majors in the Social Sciences by permission of the instructor. - Dr. Kurtz.

[401. Systematic Philosophy] - Kant and Hegel. Elective for upperclassmen who have taken two half-courses in Philosophy.

402. Contemporary Problems - Philosophic Analysis. Elective for upperclassmen who have taken two half-courses in Philosophy. - Mr. Anderson.

411. Seminar in Philosophy - Subject to be determined each year. Elective for upperclassmen who have taken two half-courses in Philosophy, or by permission of the instructor. Required of all Philosophy majors. - Dr. Means. *In 1957: Philosophy 411-Religion 411.* - Joint Seminar - Philosophic and religious implications of certain selected works in literature. - Dr. Means and Dr. Cheronnier.

412. Joint Seminar - Subject to be determined. Elective for upperclassmen who have taken two half courses in Philosophy, or by permission of the instructors. Required of all Philosophy majors. - Dr. Means and Dr. Kurtz.

PHYSICAL EDUCATION

PROFESSOR OOSTING; ASSOCIATE PROFESSORS JESSEE, CLARKE AND KURTH;
ASSISTANT PROFESSOR DATH; MR. SLAUGHTER, MR. MC WILLIAMS,
MR. MC PHEE AND MR. SHULTS

Physical Education is a required course for all Freshmen and Sophomores, reporting three times per week throughout

the college year. Transfers in the Freshman and Sophomore year will meet this two-year requirement. Transfers in the

Junior year will be required to take one year of physical education at Trinity. A prescribed physical education uniform is required.

The physical education program at Trinity is designed to secure and maintain a condition of good health and physical fitness, to develop recreational skill which can be enjoyed while in college and in leisure time after college, to establish habits of regular participation, and to develop favorable attitudes toward wholesome play.

Each school year is divided into four physical education terms of approximately seven weeks in duration. To meet the graduation requirement, a student must pass to the satisfaction of the department eight of the courses listed below, of which gymnastics and a swimming course must be included: Outdoor Activities—touch football, soccer, softball, tennis (beginners), tennis (advanced), golf (beginners), golf (advanced); Indoor Activities—volleyball, basketball (beginners), basketball (advanced), swimming, squash (beginners), squash (advanced), gymnastics, wrestling (beginners), wrestling (advanced). Members of winter intercollegiate teams (basketball, swimming, squash and fencing), during the Freshman, Sophomore and Junior years, are excused from gymnastics and swimming,

providing they can pass the minimum swimming test. Students showing Life Saving cards will be excused from all swimming requirements. Those students unable to pass the minimum swimming test (50 yards freestyle and 25 yards on the back) will be placed in a beginners' swimming class held during the first and fourth physical education terms, until this requirement is fulfilled.

Those students unable to pass the physical fitness test will be scheduled into special classes until minimum standards are met.

One credit for physical education attendance is given to members of varsity and freshman intercollegiate teams for each physical education term the sport is in season. Only Freshman and Sophomore year participation in athletics may be credited toward the physical education requirement. Any student dropping or cut from a varsity sport before his physical education requirement is completed must be immediately scheduled into a physical education class.

In each term only three unexcused absences will be allowed. Anyone overcutting classes will be placed on "Warning." Cause for a second successive warning, or a third warning at any time will involve, automatically, suspension from College for one semester.

PHYSICS

PROFESSORS CONSTANT AND LOCKWOOD; ASSISTANT PROFESSORS KINGSBURY AND LINDSAY; DR. TROUSDALE AND MR. WILD

PHYSICS MAJOR – Four and one-half courses in Physics, including Physics 301, Mathematics 101, 102, 201, 202, and 301, and one course in chemistry. Mathematics 302 may be substituted for one-half course in Physics.

101-102. Elementary Physics – This course is primarily intended for B.A. and pre-med. students. To count as preparation toward advanced work in Physics or Engineering a grade of 80 or better must be obtained. Laboratory. Prerequisite: Math. 101, or registration in Math. 101.—Dr. Trousdale and Mr. Wild.

121-122. General Physics: Optics, and Mechanics – A more detailed and analytical study than Physics 101-102, and making use of the elementary calculus. Three classroom periods and one laboratory period. Required of Engineering and

Physics majors. Prerequisite: Math. 101, 102 or registration in Math. 101, 102. – Dr. Kingsbury and Dr. Lindsay.

221-222. General Physics: Heat, sound, and electricity – A continuation of Physics 121-122. Three classroom periods and one laboratory period. Prerequisites: Physics 121-122 with a grade of 70, Math. 201, 202 or registration in it, or permission of the instructor. – Dr. Constant and Dr. Kingsbury.

301. Introduction to Theoretical Physics – Analytical mechanics; vector analysis; statics and dynamics of particles

and rigid bodies; Lagrange's and Hamilton's equations. Emphasis is placed on the fundamental hypotheses ("laws") upon which physical theory is based; with the aid of analysis these fundamental principles are expressed in various mathematical forms and are applied to specific problems. The course is designed to provide a broad foundation for subsequent specialized graduate work. Prerequisites: Physics 121-122 and Math. 301, or registration in Math. 301. - Dr. Lindsay.

302. Introduction to Theoretical Physics - Elastic media; elastic waves and sound; fluid dynamics; heat flow; thermodynamics; classical and quantum statistics. Prerequisite: Physics 301. - Dr. Lindsay.

[303, 304. Recent Developments in Physics] - An introductory course in modern physics covering topics such as the particles of modern physics, photo-electric and thermionic effects, quantum theory, atomic and molecular spectra, X-rays, nuclear physics, and cosmic rays. Prerequisite: Physics 221-222, or permission of instructor.

[305. Physical Optics] - An intermediate course considering the phenomena of interference, diffraction, and polarization of light. Interferometers and spectrographs will be used in the laboratory. Two classroom periods and one laboratory period. Prerequisite: Physics 221-222 and Math. 201, 202, each with grade of 70. Offered on demand.

307, 308. Electron Tubes and Circuits - Electron tube characteristics, electron tubes as circuit elements with circuit analysis using complex numbers, voltage and power amplifiers, special applications of electron tubes, introductions to high frequency phenomena and to transistors. Laboratory and classwork integrated. Prerequisites: Physics 222 or 102 and permission of instructor. - Dr. Kingsbury.

309, 310. Advanced Laboratory Physics - Advanced experiments, or a research project leading to a thesis. Designed as preparation for subsequent graduate work. One consultation period and equivalent of two laboratory periods a week. Prerequisite: Physics 221-222. - Physics staff.

311, 312. Applied Electricity - Two lectures a week on the fundamentals of electromagnetism, theory and operation of d.c. and a.c. machinery. One two-hour laboratory. - Mr. Sapega.

401, 402. Electromagnetics and Relativity - Essentially a continuation of Physics 301, 302 in method of approach to the fundamentals of electrostatics, magnetostatics, and electrodynamics, leading to the development of Maxwell's electromagnetic equations. Prerequisite: Physics 301, 302 or registration in Physics 301. - Dr. Constant.

[403, 404. Introduction to Quantum Mechanics] - The physical basis of quantum mechanics. The Schrödinger wave equation; energy levels; collision theory; approximation methods. Three classroom periods. Prerequisite: Physics 301.

PRE-MEDICAL

PRE-MEDICAL GROUP MAJOR - Biology 201-202, 301-302; Chemistry 209, 303, and 305-306; Physics 101-102 or 121-122; Mathematics 101, 102; and French 111-112 or German 111-112 or a more advanced course in either language, taken in college. A grade of 70 or better must be obtained in Biology 201-202, 301-302, and in all required courses in Chemistry.

PSYCHOLOGY

ASSISTANT PROFESSORS SOUERWINE, MORRIS, LACY, AND MEADE;
AND DR. PRIBRAM

PSYCHOLOGY MAJOR, B.A. - Four and one-half courses in Psychology, including Psychology 241, 242, 341-342, and 441-442. Additional requirements for Psychology majors are three courses as follows: Biology 101-102 or 201-202; Economics 201-202; Government 201-202. Psychology 369 and 370 do not count toward the major.

PSYCHOLOGY MAJOR, B.S. - Four and one-half courses in Psychology, including Psychology 241, 242, 341-342, and 441-442; Biology 101-102 or 201-202; and Biology 205. A grade of 70 or better must be attained in at least three psychology courses. Psychology 369 and 370 do not count toward the major.

141. Introduction to General Psychology - The study of human behavior, covering the topics of learning, motivation, perception and personality. In order that the student may become familiar with research in this area, each student may be required to participate as a subject in a maximum of two short experiments. - Dr. Souerwine, Dr. Lacy and Dr. Meade.

241, 242. Advanced General Psychology - An intensive treatment of the research findings in the areas of the psychology of learning, thinking, motivation, and perception. - Dr. Lacy.

252. Social Psychology - The study of the development of social motives and attitudes, the structure and function of groups, behavior in groups, and methodology in social research. Specific social processes discussed are leadership, public opinion, propaganda and prejudice. Prerequisite: Psychology 141 or 241, 242. - Dr. Souerwine.

254. Psychology of Abnormal People - A study of personality, both normal and abnormal, with emphasis on their resemblances. The dynamics of behavior and a comparison of the normal, neurotic, and psychotic personalities constitute the major portion of study in this course. Prerequisite: Psychology 141 or 241, 242. - Dr. Lacy.

255. Applied Psychology: Psychology in Business and Industry - Psychological principles in the selection and placement of personnel, in the management and supervision and training of personnel, and in the distribution of goods. Selection tests, the interview, training procedures, industrial psychology. Prerequisite: Psychology 141 or 241, 242. - Dr. Souerwine.

341-342. Experimental Psychology - A study of research methods used in the investigation of human behavior with emphasis on experimental techniques. The first part of the course stresses methods of designing experiments and of analyzing research data in such areas as learn-

ing, perception, thinking, and motivation. During the second term, students have the opportunity to conduct an investigation in their own special area of interest. An animal laboratory is provided for those who wish to do research in comparative or physiological psychology. Two classroom periods and one laboratory period plus one hour as arranged. Prerequisite: Psychology 141 or 241, 242. - Dr. Meade.

354. Psychology of Personality - Determinants and structure of personality, theory, and methodology of personality research. Prerequisite: Psychology 141 or 241, 242. - Dr. Lacy.

369. Physical Anthropology - A study of man's biological place in nature. The record of fossil man and artifacts through Paleolithic, Mesolithic, and Neolithic, including a review of man's achievements in prehistoric time. Origin, development, distribution, and classification of the races of mankind, with emphasis upon current genetic discoveries. Open to Sophomores, Juniors, and Seniors. - Dr. Morris.

370. Cultural Anthropology - The anthropologist's view of the nature and origin of language; the nature, origin, and processes of culture from anticipations among the primates other than man to the rise of modern civilizations, including a comparative study of outstanding sociological systems from Hegel and Comte to Kroeber and Sorokin, as these systems reflect the nature of culture, its processes and patterns. It is desirable that students offer Psychology 141 as a prerequisite. Open to Sophomores, Juniors, and Seniors. - Dr. Morris.

441-442. Theoretical and Systematic Psychology - An integrative consideration of various continuing psychological problems, using materials from previous courses to develop theoretical perspective for the advanced student. Such systematic positions of Hull, Tolman, Lewin, Freud, Allport, and others are considered. An extended senior paper will be required of all students. Prerequisite: Psychology 341-342. - Dr. Souerwine.

451, 452. Seminar - Topics vary from year to year, according to student interest. During the 1957-58 academic year, the following courses will be offered: 451 - *Psychological Problems in Historical Perspective*. An examination of theory and method of psychologists of the past, with special reference to the late 19th and early 20th centuries. Attention will

be given to the influence of older systems and related disciplines such as physiology and philosophy on current psychological thought. 452 - *Neuropsychology*. A study of the principles of neural activity, receptor and effector mechanisms, adjustive patterns, discrimination mechanisms, decision, and behavior related to outcome variables. - Dr. Pribram.

GENERAL READING COURSE

Reading and reports on individually chosen classics of world literatures, science, and art. An elective for Juniors and Seniors whose work has averaged

80 or better. Cannot be counted for required work in any department. No class meetings. - Mr. Adams, Mr. Engley, Dr. Hughes, Dr. Kurtz and Dr. Means.

RELIGION

PROFESSOR CHERBONNIER; ASSISTANT PROFESSOR MAUCH

101, 102. *The Jewish-Christian Sources of Western Culture* - The distinctive contribution of the Judaeo-Christian tradition to the life and thought of the West; the Biblical origins and subsequent development of such conceptions as the dignity and responsibility of man; the sovereignty of God; the source of human evil; the meaning and fulfillment of history. Elective for all classes. - Dr. Cherbonnier.

103, 104. *Introduction to the Bible* - Examination of the Biblical writings in the light of the time and events which produced them; analysis of the various literary units to discern the emergence of the Biblical world-view. Christmas Term: Old Testament; Trinity Term: New Testament. - Mr. Mauch.

201. *Major Motifs of Biblical Thought* - The structures of Biblical thinking developed through an examination of the central themes in the Old and New Testaments. - Mr. Mauch.

202. *A Survey of Christian Thought* - A study of the principal figures in the formulation of Christian thinking, including early church fathers, Augustine, Aquinas, Calvin, Luther, and modern theologians. Elective for upperclassmen. - Dr. Cherbonnier.

[203. *Principles of Christian Ethics*] - Derivation of the basic ethical standards

and judgments of Biblical and Christian thought; their relevance to contemporary political, economic, and social issues. Elective for upperclassmen.

304. *Philosophy of Religion* - An examination of Christian and non-Christian conclusions regarding the significance of human life, with particular attention to such questions as the nature of man, the nature of ultimate reality, the definition of the good, and the problem of religious knowledge. Prerequisite: one half-course in Religion or Philosophy, or by permission of the instructor. - Dr. Cherbonnier.

307. *Religions of the Far East* - An introduction to Hinduism, Buddhism, Confucianism, Taoism and Islam, and their influence on the civilizations of India, China, and Japan. Prerequisite: One half-course in Religion or Philosophy, or by permission of the instructor. - Dr. Cherbonnier.

411, 412. Seminar - Each year two special topics in the field of religion will be examined. Prerequisite: permission of the instructor. *Christmas Term*: Religion 411 - Philosophy 411. *Joint Seminar*. A critical study of the philosophic and religious implications of selected works of literature. - Dr. Means and Dr. Cherbonnier. *Trinity Term*: The problem of religious knowledge. - Dr. Cherbonnier.

ROMANCE LANGUAGES

PROFESSOR NAYLOR; ASSOCIATE PROFESSORS ANDRIAN AND WATERMAN;
ASSISTANT PROFESSORS CAMPO AND LEAVITT; MR. DEBICKI, MR. DIAZ
AND MR. WILLIAMS

ROMANCE LANGUAGES MAJOR – (also see Modern Languages)

Plan A – Five courses in French or five courses in Spanish, including courses 213, 214, and 411 and 412. Course 101-102 does not count for the major.

Plan B – Three courses beyond course 111-112 in French or three courses beyond 111-112 in Spanish, including courses 211, 212 and 213, 214; and any two courses in one other Romance Language (French; Italian; Spanish).

French

101-102. Elementary Course – Designed for the student beginning French in college. Three hours of classroom work supplemented by one hour of laboratory. – Dr. Campo, Dr. Leavitt, and Mr. Williams.

111-112. Intermediate Course – Elective for those who have taken one year of college French or who are credited with two units of French at entrance. Readings in modern and classical French authors; review of French grammar; oral and aural practice. – Dr. Andrian, Dr. Naylor, Dr. Waterman, and Mr. Williams.

211. Survey of French Literature from the Renaissance through the Eighteenth Century – Elective for those who have taken French 111-112 in college, or who are credited with three units of French at entrance. The origins and development of the French Classical Period; the Age of Enlightenment. – Dr. Campo, Dr. Leavitt, Dr. Waterman, and Mr. Williams.

212. Survey of French Literature from the Revolution through 1950 – Same prerequisites as for French 211. The principal literary movements in France during the Nineteenth Century, with emphasis on Romanticism and the emergence of Realism and Naturalism, and the Symbolists. – Dr. Campo, Dr. Leavitt, Dr. Waterman, and Mr. Williams.

213. Advanced French Conversation and Composition – Elective for those who have completed French 111-112 or who are credited with three units of French at entrance. This half-year course is designed to develop facility in writing French, accuracy of pronunciation and conversational ability. – Dr. Naylor and Dr. Waterman.

214. Advanced French Conversation and Composition – Same prerequisites as for French 213. This half-year course, conducted in French, will stress accuracy in pronunciation and aural comprehension; students will also be required to make short written and oral reports on assigned topics. – Dr. Leavitt and Dr. Naylor.

[301. Seventeenth Century Prose] – Elective for those who have completed French 211 and 212 with a grade of 70 or better, or with consent of instructor. An intensive study of such important authors as Descartes, Pascal, Mme. de Sévigné, and La Rochefoucauld.

[302. Seventeenth Century Drama] – Same prerequisites as for French 301. Dramatic theory in the Classical Period in France; intensive study of plays by Corneille, Racine, and Molière.

[311. Literature of the Eighteenth Century] – Elective for those who have completed French 211 and 212 with a grade of 70 or better, or with consent of instructor. A consideration of the major works of the *Philosophes* with emphasis on Diderot and Voltaire.

[312. Literature of the Eighteenth Century] – Same prerequisites as for French 311. A consideration of the major works of Montesquieu and Rousseau.

321. French Literature of the Nineteenth Century – Elective for those who have completed French 211 and 212 with a grade of 70 or better, or with the consent of the instructor. Intensive study of Romanticism in France. – Dr. Naylor.

322. French Literature of the Nineteenth Century – Same prerequisites as

for French 321. Intensive study of Realism, Naturalism, Symbolism. - Dr. Campo.

[331. Twentieth Century French Literature] - Elective for those who have completed French 211 and 212 with a grade of 70 or better, or with the consent of the instructor. The main developments in modern poetry and an intensive study of the novel up to and including Proust.

[332. Twentieth Century French Literature] - Same prerequisites as for French 331. Modern trends in the theatre and continuation of the study of the novel through Existentialism.

[401. French Honors Reading Course] - Elective for those who have completed, with a grade of 70 or better, six semester hours in a French literature course be-

yond French 211 and 212. Written reports on individually chosen classics of French literature. No class meetings.

[402. French Honors Reading Course] - Same prerequisites as for French 401. A continuation of French 401.

411. Seminar - Prerequisite: two semester courses in French numbered 300. A course required of all French majors under Plan A; open to others with the consent of the instructor. A concentrated field of study, chosen by the instructor, emphasizing research. - Dr. Leavitt.

412. Seminar - Prerequisite: two semester courses in French numbered 300. A course required of all French majors under Plan A; open to others with the consent of the instructor. A concentrated field of study, chosen by the instructor, emphasizing research. - Dr. Waterman.

Italian

101-102. Elementary Course - Designed for the student beginning Italian in college. Three hours of classroom and one hour of laboratory, in which students will be trained in the accurate pronunciation of the language and in aural comprehension. - Dr. Campo.

[111-112. Intermediate Course] - Elective for those who have taken Italian 101-102 or for those who are credited with two units of Italian at entrance. Readings in modern Italian authors and, during the Trinity Term, selections from Dante; review of the essential principles of the grammar of modern Italian. Three

hours of classroom work and one hour of laboratory in which students will be trained in the accurate pronunciation of the language and aural comprehension.

211. Survey of Italian Literature - Elective for those who have completed Italian 111-112 or who have offered three units of Italian at entrance. Dante, Petrarch, Boccaccio. - Dr. Campo.

212. Survey of Italian Literature - Same prerequisites as for Italian 211. A study of principal Italian authors from the beginning of the Fifteenth Century to and including Benedetto Croce. - Dr. Naylor.

Spanish

101-102. Elementary Course - Designed for the student beginning Spanish in college. Three hours of classroom work supplemented by one hour of laboratory in which students will be trained in the accurate pronunciation of the language and aural comprehension. - Dr. Andrian, Mr. Debicki.

111-112. Intermediate Course - Elective for those who have taken Spanish 101-102 in college or are credited with two units of Spanish at entrance. Readings in modern authors; review of grammar;

oral and aural practice. Three hours of classroom work supplemented by one hour of laboratory in which students will be trained in the accurate pronunciation of the language and in aural comprehension. - Dr. Andrian, Mr. Debicki, Mr. Diaz.

211. Survey of Spanish Literature through the Siglo de Oro - Elective for those who have completed Spanish 111-112 in college or who are credited with three units of Spanish at entrance. A study and analysis of principal works

and the historical and cultural background of this period. - Mr. Debicki, Dr. Leavitt.

212. Survey of Spanish Literature of the Nineteenth and Twentieth Centuries - Same prerequisites as for Spanish 211. A study and analysis of principal works and the historical and cultural background of this period. - Mr. Debicki, Dr. Leavitt.

213. Advanced Spanish Conversation - Elective for those who have completed Spanish 111-112 or who are credited with three units of Spanish at entrance. This course is designed to develop facility and accuracy in writing Spanish. - Mr. Diaz.

214. Advanced Spanish Composition - Same prerequisites as for Spanish 213. This course is designed to develop accuracy in pronunciation and the ability to converse in idiomatic Spanish. Mr. Diaz.

[301. Spanish Literature of the Siglo de Oro] - Elective for those who have completed Spanish 211 and 212 with a grade of 70 or better or with the consent of the instructor. An intensive study of the drama and poetry of the *Siglo de Oro*, against a background of the political and cultural trends of this age.

[302. Spanish Literature of the Siglo de Oro] - Same prerequisites as for Spanish 301. This course will study exclusively Cervantes, with emphasis on *Don Quijote*, and its influence on European literature.

[311. Spanish Literature of the Nineteenth Century] - Same prerequisites as for Spanish 301. A study of the Romantic and Realist drama. - Mr. Diaz.

[312. Spanish Literature of the Nineteenth Century] - Same prerequisites as for Spanish 301. A study of the Realist

and Naturalistic novel, and its influence on Spanish society and customs. - Dr. Andrian.

[321. Spanish Literature of the Twentieth Century] - Elective for those who have completed Spanish 211 and 212 with a grade of 70 or better or with the consent of the instructor. A study of contemporary Spain as seen in the works of the Generation of '98.

[322. Spanish Literature of the Twentieth Century] - Same prerequisites as for Spanish 321. An intensive study of modern Spanish drama and poetry, stressing the works of Benavente and García Lorca.

[401. Spanish Honors Reading Course] - Elective for those who have completed, with a grade of 70 or better, two half courses or one full course in literature beyond Spanish 211 and 212. Written and oral reports on a wide selection of Spanish authors and works from the earliest times through the *Siglo de Oro*. No class meetings.

[402. Spanish Honors Reading Course] - Same prerequisites as for Spanish 401. Written and oral reports on a wide selection of Spanish authors and works from the Eighteenth Century through the present time. No class meetings.

411. Seminar - Prerequisite: two semester courses in Spanish numbered 300. A course required of all Spanish majors under Plan A; open to others with the consent of the instructor. A concentrated field of study, chosen by the instructor, emphasizing research. - Dr. Andrian.

412. Seminar - Prerequisite: two semester courses in Spanish numbered 300. A course required of all Spanish majors under Plan A; open to others with the consent of the instructor. A concentrated field of study, chosen by the instructor, emphasizing research. - Mr. Diaz.

Russian

ASSISTANT PROFESSOR LEAVITT

[101-102. Elementary course] - A beginner's course emphasizing fundamental grammatical principles and the reading of simple prose. Three hours of classroom work supplemented by one hour of laboratory work. - Dr. Leavitt.

111-112. Intermediate Course - Elective for those who have taken Russian 101-102 or its equivalent. Readings in Turgenev, Tolstoy, Chekhov, and in modern Soviet prose; review of grammar; practice in conversation. - Dr. Leavitt.

Scholarships

In general, scholarships are awarded only on evidence of financial need and to unusually deserving cases. All applications for scholarships must be made on the blank forms provided for that purpose, and, in the case of students in college, must be submitted on or before May 20. Freshman applications must be completed by March 1. For complete details see page 34.

Freshmen holding scholarships must be passing in all their work with an average grade of at least seventy at the end of each term. Other students must have a passing grade in five courses for the term immediately preceding their applications, with the following averages: sophomores 75; juniors at midyears 75, at finals 80; seniors 80.

COMPETITIVE SCHOLARSHIPS

Certain scholarships are awarded on the basis of competition:

The **Holland Scholarships** were established by Mrs. Florence J. Holland of Hartford, daughter of Bishop Brownell, the founder of the College, in memory of her husband, Thomas Holland. They are three in number, each having an annual value of \$600 with room rent if desired. They are awarded by the Faculty at Commencement to the students attaining the highest rank in the Junior, Sophomore, and Freshman classes respectively, to be held the following year.

The **Goodwin-Hoadley Scholarships** were established by Daniel Goodwin and George E. Hoadley. One is awarded each year to the student of the highest scholastic rank from the public schools of Hartford who enters Trinity College and who is not receiving other scholarship aid; the nomination to these scholarships is vested in the Board of Education.

SCHOLARSHIPS FOR RESIDENTS OF ILLINOIS

A special fund established in 1947 provides scholarships with a four-year value up to \$6,000 each for young men who reside in the State of Illinois. They are awarded on the basis of intellectual distinction, character, leadership ability, and need. There are nearly 40 Illinois Scholars now at Trinity College. It is expected that at least ten new Illinois Scholarships will be awarded to Freshmen entering Trinity in September, 1957.

SPECIAL SCHOLARSHIPS

Alumni Area Scholarships - three local Alumni Associations are authorized by the Trustees of Trinity College to provide scholarships for students of the College with the concurrence of the Scholarship Committee of the Faculty. The average amount awarded in aid in 1955-56 was \$200. Application for such grants should be made to the officers of the alumni organizations concerned, and applicants should also fill out and send to those officers a college scholarship application blank. The Scholarship Committee will supply promptly on request the names and addresses of the appropriate officers in any given year. The number of grants given by each alumni organization in 1956-1957 was as follows: Hartford, Conn. (13); New York, N.Y. (4); Philadelphia, Pa. (0).

Arrow-Hart and Hegeman Electric Co. Scholarships - for sons or dependents of employees of the Arrow-Hart and Hegeman Electric Company of Hartford.

Cesare Barbieri Scholarship - given by the Cesare Barbieri Endowment for a student from Italy at Trinity College.

The Ferguson-MacGregor Memorial Scholarships – given by the Hartford Electric Light Company in honor of the late Samuel Ferguson, '96, former president of the Company and Trustee of Trinity, and the late Lt. Rodney J. MacGregor, a company employee killed during World War II. Four scholarships, each paying \$650 a year, are maintained with one awarded each year. Preference is given to employees, sons of employees, and sons of employees who died in company service. If no applicant from the preferred groups qualifies for admission, then the award is made to a qualified resident of the area served by the Hartford Electric Light Company.

Kristina Hallden. Given by Karl W. Hallden in honor of his mother, Kristina Hallden, and awarded to a graduate of Thomaston High School, or a resident of Connecticut. Candidate should specify that he wants to apply for this scholarship.

Hartford Fire Insurance Company Group Scholarship – a scholarship grant for full tuition and college fees given by the Hartford Fire Insurance Company Group.

Margaret Hallden – given by Mrs. Karl W. Hallden of Thomaston, Connecticut, to be awarded to a graduate of Thomaston High School.

Monsanto Chemical Company Scholarships – two scholarships each paying \$500 awarded to members of the class of 1960 who plan to major in Chemistry.

The **Bishop Samuel Seabury Scholarships** for Episcopal students are maintained by annual gifts from various Episcopal parishes. The scholarships are open to members of the Protestant Episcopal Church. The Christ Church Cathedral (Hartford) Scholarship is awarded with preference to members of the Cathedral parish and of the Diocese of Connecticut. Other scholarships now in effect are supported by Trinity Church, New Haven, Christ Church, Greenwich, St. Mark's Church, New Britain, St. John's Church, Washington, Trinity Parish, Southport, Connecticut; Church of the Holy Trinity, St. James' Church, St. Michael's Church, New York City; St. Peter's Church, Beverly, St. John the Evangelist, Hingham, Emanuel Church, Braintree, Massachusetts; St. Andrew's Church, Trenton, Holy Trinity, Collingswood, New Jersey; St. Martin's Church, Providence.

Trinity Church (New York City) – given by Trinity Parish, New York. Nominations made by the Rector, Wardens, and Vestry of Trinity Church, New York.

Westinghouse Educational Foundation – Scholarship Grant.

SCHOLARSHIPS FOR STUDENTS FOR THE MINISTRY

The following scholarships are awarded only to students who are preparing to enter the ministry of the Protestant Episcopal Church in the United States of America. Applicants for these scholarships will apply on the usual forms, and the same general rules will apply to them as govern the award of other scholarships.

Thomas Backus – given by the Rev. Stephen Jewett of New Haven.

Burhans – given by the Rev. Daniel Burhans of Newtown.

John Day and Samuel Morewood Ferguson – given by Mrs. Jennie Taylor Kingsley of New Haven.

George F. Goodman – given by Richard French Goodman of Newtown, New Jersey.

Hitchings – given by The Rev. Horace B. Hitchings of the Class of 1854.

Kirby – given by Miss Harriet Kirby of Hartford.

Horatio N. Lake – given by Horatio N. Lake of Bethlehem.

Toucey – given by the Honorable Isaac Toucey of Hartford.

Isaac H. Tuttle – given by the Rev. Isaac H. Tuttle of New York.

Nathan M. Waterman – given by General Nathan Morgan Waterman of Hartford.

GENERAL SCHOLARSHIPS

The list of scholarships open to all students is given below:

Armstrong – given by Walker Breckinridge Armstrong, '33, of Darien, Connecticut.

Backus – given by Mr. and Mrs. Clinton J. Backus of Midway City, California.

Beckwith – given by the Rev. I. T. Beckwith of Atlantic City.

Bennett – given by Trustees and friends in memory of Charles J. Bennett of Hartford.

Bethlehem Steel Corporation – given by Bethlehem Steel Corporation of New York.

Grace Edith Bliss – given by Grace Edith Bliss to provide scholarships for worthy students from the Greater Hartford Area.

George Meade Bond – bequest of Ella Kittredge Gilson of Hartford.

Lucy M. Brainerd – given by Lyman B. Brainerd, '30, of Hartford, in memory of his mother; additions have been made by Mr. and Mrs. Newton C. Brainerd, and Mr. and Mrs. Olcott D. Smith.

Bronson – given by Miss Susan Bronson of Watertown, Conn.

Carpenter – given by members of the family of Frederic Walton Carpenter and others.

Class of 1916 Memorial – given by the Class of 1916.

Class of 1939 – Estate of Howard R. Day, '39.

Archibald Codman – given by Miss Catherine A. Codman, the Rt. Rev. Robert Codman, Edmund D. Codman. Appointments made annually by the Bishop of Maine.

Cole – given by Richard H. Cole of Hartford.

Collegiate – given by Philadelphia Alumni, Miss Edith M. Howard of Hartford, and others.

Converse – given by Edmund C. Converse of Greenwich.

Lemuel J. Curtis – given by Lemuel J. Curtis of Meriden.

Charles F. Daniels – given by Mrs. Mary C. Daniels of Litchfield.

J. H. Kelso Davis – to honor the memory of J. H. Kelso Davis, '39, of Hartford, Trustee of the College from 1924 to 1956.

Dillon – given by Edward H. Dillon and Catherine H. Dillon of Hartford.

Douglas – given by the Rev. George William Douglas of the Class of 1871.

Easterby – given by Charles T. Easterby, '16, of Philadelphia, Pa.

Ellis – given by Leonard A. Ellis of the Class of 1898.

Elton – given by James S. Elton and John P. Elton of the Class of 1888.

S. P. and Barr Ferree – given by Mrs. Annie A. Ferree of Rosemont, Pa.

Thomas Fisher – given by estate of Thomas Fisher.

Edward Octavius Flagg, D.D. – given by Miss Sarah Peters Flagg of Woodcliff Lake, N.J.

Elbert H. Gary – given by Elbert H. Gary of Jericho, New York.

General Scholarship Fund – established by friends of the College.

James Hardin George – given by Jane Fitch George of Newtown.

Hallden – given by Karl W. Hallden of Thomaston, Conn.

Halsey – given by Jeremiah Halsey of Norwich.

George Kneeland – given by Miss Alice Taintor and Miss Adele Kneeland of Hartford.

George Sheldon McCook – given by the family of George Sheldon McCook of the Class of 1897.

McLean – given by Mrs. George Payne McLean of Simsbury.

Caroline Sidney Mears – given by Dr. J. Ewing Mears of Philadelphia.

C. B. Moak – given by the Cymoak Foundation of Miami, Florida.

Robert S. Morris Scholarship Fund – given by Robert S. Morris, '16, of West Hartford.

Shiras Morris – given by Mrs. Grace Root Morris of Hartford.

Remsen Brinckerhoff Ogilby – given by Messrs. Carlos B. Clark, Hon. '43, James B. Webber, Joseph L. Webber, Richard H. Webber, Oscar Webber, and James B. Webber, Jr., '34. Available for scholarships or loans.

Dwight Whitefield Pardee – given by Miss Cora Upson Pardee of Hartford.

Henry Perkins – given by Mrs. Susan S. Clark of Hartford. Nominations made by the Bishop of Connecticut.

Returned Scholarship Fund – given by Harold L. Smith, '23, of New York and George H. Cohen, '11, and Naaman Cohen, '13, of Hartford.

Governor Abraham A. Ribicoff – given by the Suisman Foundation of Hartford.

Maria L. Ripley – given by Miss Maria L. Ripley of Hartford.

The General Griffin A. Stedman, Jr., Memorial – given by Miss Mabel Johnson of Hartford.

Suisman Foundation Fund – given by the Suisman Foundation of Hartford.

Edwin P. Taylor, III – given by members and friends of the family of Edwin P. Taylor, III, Class of 1946.

Mathew George Thompson – bequeathed by the Rev. Mathew George Thompson, Hon. '20, of Greenwich.

William Topham – given by Mrs. Margaret McComb Topham of New York.

Wean – given by Raymond J. Wean, Hon. '54, of Warren, Ohio.

Mary Howard Williams – given by Augusta Hart Williams of Hartford.

Wise – given by Isidore Wise, Hon. '49, of Hartford. Available for scholarships or general purposes.

Charles G. Woodward – given by Charles G. Woodward, '98, of Hartford, in memory of his grandfather, Charles Smith; his father, P. Henry Woodward; and his mother, Mary S. Woodward.

Vertrees Young – given by Vertrees Young, '15, of Bogalusa, Louisiana.

STUDENT LOAN FUNDS

Alumni Senior – Established in 1938 by gifts of the Alumni Association of Trinity College. Amount of fund, \$3,650.

Clinton Jirah and Carrie Haskins Backus – Established in 1950 by Clinton J. Backus, '09, of Midway City, California. Amount of fund, \$5,500.

Mead – Established in 1951 by bequest of George J. Mead of Hartford – Interest to be used for loans to students majoring in economics, history, or government. Amount of fund, \$125,000.

New England Society of New York – Established in 1945 by the New England Society of New York. Amount of fund, \$1,635, used for short-term small loans.

Fellowships

For further information as to conditions of Fellowships and Scholarships, or for further particulars in regard to them, applications should be made to the Dean of the College.

The H. E. Russell Fellowships, endowed originally by a legacy from Henry E. Russell of New York, pay to the holders \$500 each annually. They are awarded annually by vote of the Faculty to members of the graduating class who give evidence of superior ability and who engage to pursue an approved course of nonprofessional graduate study at Trinity College or at some American or foreign university approved by the Faculty. The incumbents hold the Fellowships for two years each.

The Mary A. Terry Fellowship, endowed by a legacy from Miss Mary A. Terry of Hartford, yields an annual income of about \$1,000. It is awarded annually by the President upon the recommendation of the Faculty to a member of the graduating class who gives evidence of superior ability and who engages to pursue an approved course of graduate study in the arts and sciences at Trinity College or at some other college or university approved by the Faculty. The incumbent holds the Fellowship for one year, and is known as the Mary A. Terry Fellow.

The W. H. Russell Fellowship, endowed by a gift of \$10,000 from William H. Russell of Los Angeles, California, pays to the holder about \$500 annually. It is awarded biennially by the Trustees upon recommendation of the Faculty to a member of the graduating class who gives evidence of superior ability and of a desire to continue study after being graduated at Trinity College. The incumbent holds the Fellowship for two years.

Prizes

Alumni Prizes in English Composition of \$100, \$65, and \$35 respectively from the income of a fund contributed by the Alumni, are awarded to the students who present the best essays on subjects approved by the Department of English. Essays must be submitted to the Professor of English on or before May 1, 1958. Essays prepared in any regular course of study may be offered in competition, provided that such compositions are recommended for this contest by the instructor in whose department they are written.

The American Society of Mechanical Engineers Prize is awarded by the Hartford Chapter of the American Society of Mechanical Engineers to the Senior who makes the highest record in the Engineering Department.

The Cesare Barbieri Prizes, a gift from the Cesare Barbieri Endowment, for essays in Italian studies, to be awarded on Honors Day. Students interested in competing for these prizes should consult the Head of the Department of Romance Languages.

The F. A. Brown Prize, founded in 1897, by Mrs. Martha W. Brown of Hartford in memory of her husband, is awarded to the member of the Senior Class who pronounces an English oration in the best manner. Two prizes of \$120 and \$30 are awarded in annual competition.

The Ferguson Prizes in History and Political Science, one of \$75 and one of \$50, founded in 1890 by the late Professor Henry Ferguson of the Class of 1868, are offered to Seniors and Juniors for the two best essays on topics selected by the contestants with the approval of the Department of Economics. The essays must be typewritten and submitted to the head of the Economics Department on or before the first day of May, 1958. No award will be made except for excellent work.

The Ronald H. Ferguson Prizes were established in 1951 in memory of Mr. Ronald H. Ferguson, Class of 1922, to be awarded annually on Honors Day by the Head of the Department of Romance Languages as follows: the first prize of \$300 to a Senior majoring in French; the second prize of \$150 to a Senior or a Junior majoring in French. Students interested in the prizes should confer with the Head of the Department of Romance Languages.

The Fraternity Scholarship Cup is awarded annually by the Trinity Alumni Club of Hartford to the fraternity chapter attaining the highest rank in scholarship. The name of the chapter receiving the award is engraved on the Cup.

The Goodwin Greek Prizes, one of \$125 and one of \$80, founded in 1884 by the late Mrs. James Goodwin of Hartford, are offered to students in Greek who attain the highest grade of excellence in the courses taken and in a special examination. A student who has received a prize is not again eligible to compete for the same prize. The winners also are awarded an original Greek coin of The Classical Period. The examination to be held the twenty-fifth of April, 1958 is designed to test the student's general knowledge of Greek including composition and sight translation such as he may properly be expected to acquire from reading in connection with courses. No prize will be awarded unless the work offered is excellent.

The Mary Louise Guertin Actuarial Award was established in 1952 by Alfred N. Guertin, '22, in memory of his mother. The award of \$100 will be made annually to the Senior selected by three Fellows of the Society of Actuaries, named by the College, as having personal qualities indicative of future executive capacity and leadership in the actuarial profession. The student must also have completed satisfactorily the first two parts of the preliminary examinations for associateship in

the Society of Actuaries or their equivalent, and have acquired scholarship grades in mathematics, English, and economics.

The **Richard P. Horan Memorial Trophy** – presented annually by Sigma Nu Fraternity in memory of Richard P. Horan, '45, special agent of the Federal Bureau of Investigation, who was killed in line of duty April 19, 1957, to that fraternity showing the greatest interest and participation in community activities in Greater Hartford.

The **Human Relations Award** is awarded annually to an undergraduate who during the year has exhibited outstanding citizenship and sportsmanship. Sportsmanship is interpreted in its broadest sense and does not necessarily include achievement in athletics.

The **George J. Mead Prizes** are awarded under the terms of a bequest from the late Mr. George J. Mead, Hon. '37, for accomplishment in the fields of History, Government, and Economics. An annual prize of \$50 will be awarded on Honors Day of the following year to the freshman receiving the highest mark in History 101-102, *An Introduction to European History*.

The **Phi Gamma Delta Prizes in Mathematics** are offered to Freshmen taking Mathematics 101, 102 and to Sophomores taking Mathematics 201, 202. In each case, the first prize is \$50, the second prize is \$30, and the third prize is \$20. These prizes are from the income of a fund established in 1923, and increased in 1931 by the Alumni authorities of the local chapter of the Fraternity of Phi Gamma Delta.

The **Pi Gamma Mu Scholarship Award**, authorized by the National Board of Trustees of the Society, is given by the Connecticut Alpha Chapter in the interests of the promotion of scholarship in the social sciences on the Trinity campus. The award is made to one of the top five ranking Seniors who have pursued a major in one of the social sciences; additional considerations are that he be outstanding in scholarship and ability and that he shall have pursued a program of studies indicating breadth in the work of the social sciences.

The **Donn F. Porter Award**, was founded in 1954 by the Class of 1953 in memory of Donn F. Porter, who was posthumously awarded the Congressional Medal of Honor for valor in action before his death on Heartbreak Ridge, Korea, in 1952. The award is presented annually to a member of the freshman class for outstanding character and leadership.

The **Miles A. Tuttle Prize** of \$80 was founded in 1859 by the late Miles A. Tuttle, Esq., of Hartford. It is awarded to the member of the Senior Class who writes the best essay on a topic selected by the contestant with the approval of the Department of History. The essays must be submitted to the Chairman of the Department of History on or before the first day of May, 1958. No award will be made except for excellent work.

The **Ruel Crompton Tuttle Prizes** were established in 1941 by the bequest of Ruel Crompton Tuttle of Windsor, Class of 1889, to be awarded annually by the head of the English Department to the two students who are deemed by him respectively the best and second-best scholars in the English Department from the Junior Class; the first prize to be two-thirds of the income (\$335) and the second prize to be one-third of the income (\$165). The terms of award rest solely on the judgment and discretion of the head of the English Department. Students interested in the prizes should confer with the head of the English Department.

The **Frank W. Whitlock Prizes** of \$40 and \$25 were founded by a legacy of Mrs. Lucy C. Whitlock, of Great Barrington, Massachusetts, and by her direction bear the name of her son who was a graduate in the Class of 1870. Students selected by a preliminary trial deliver their speeches in public in competition for the Whitlock Prizes. In determining the award, regard will be had both to composition and delivery. Students should consult the instructor of Public Speaking for further details.

The *Wall Street Journal* Student Achievement Award is awarded each year to a Senior who is judged by the Department of Economics to have done the most outstanding work in the field of economics of any member of his class during his college career. The award consists of an individually engraved medal and a year's free subscription to the *Wall Street Journal*.

Athletic Prizes

The **Newton C. Brainard Squash Racquet Award** is made annually to the winner of the college squash racquet championship tournament. The winner's name is inscribed on a bronze plaque on the wall of the squash racquet section of the Trowbridge Memorial Building.

The **John Francis Boyer Most Valuable Player Award**, established by St. Anthony Hall in 1957, is presented to the player who has been of "Most Value to the La Crosse Team." A major trophy is kept in the college trophy room and a replica is presented each year to the winner.

The **Horace G. Cleveland, III, Tennis Medal** was given by Sergeant and Mrs. William A. Merchant in memory of Horace G. Cleveland, III, Class of '42, 1st Lt. U. S. M. C. R., who was killed in action in the South Pacific. A medal is awarded each year to the tennis player who best combines qualities of sportsmanship and leadership with tennis excellence.

The **Coach's Foul Shooting Trophy** is awarded annually by the varsity basketball coach to the member of the team who has made the highest foul shooting average in varsity contests.

The **Edgar H. and Philip D. Craig Tennis Award**, established in 1956, is awarded annually to a member of the varsity tennis squad who has shown the greatest improvement as a player over the previous year, and who has demonstrated qualities of team spirit and sportsmanship.

The **Peter S. Fish Soccer Trophy** is presented annually to the Senior on the Soccer team who best fulfills the following qualifications: (1) makes the greatest contributions to the team's success and (2) demonstrates gentlemanly conduct, good sportsmanship, and inspirational leadership. The trophy is kept in the college trophy case.

The **George Sheldon McCook Trophy**, the gift of Professor and Mrs. John James McCook in 1902, is awarded annually by the Athletic Association of the College, through the Committee of the Faculty on Athletics and the Captains and Managers of the team, to a student in the Senior Class, who must be in good scholastic standing, on the basis of distinction in athletics. In determining the award, diligence and conscientiousness in the observance of all rules of drill, training, and discipline are taken into account, as well as manliness, courtesy, self-control, uprightness, and honor at all times, especially in athletic sports and contests. The name of the student receiving the award is attached to the trophy on a silver bar bearing his name and class date. He receives as his permanent property a bronze medal. This trophy is the athletic distinction most coveted in the College.

The **John A. Mason Award**, established in 1953, is presented to that member of the varsity squash racquet squad showing the greatest improvement during the year.

The **Mears Prize** of \$50 was established under the will of Dr. J. Ewing Mears of the Class of 1858. It is awarded by the Faculty on the recommendation of the head of the Department of Physical Education. The prize is awarded to a member of the Junior or Senior Class who writes the best essay on "The Place of Physical Education in the College Curriculum." No student is eligible to compete for this prize who has not completed satisfactorily the requirements of the College in Physical Education. No prize is awarded unless two or more students are competing. The essays must be submitted on or before May 1st each year.

The Robert S. Morris Track Trophy, established in 1953, is awarded annually for the most valuable member of the varsity track team. The qualifications for this award are outstanding performance, attitude and sportsmanship. The trophy will be kept in the college trophy case and a replica will be given each year to the winner.

The "1935" Award is presented annually by the Class of 1935 to the player who has been of "most value" to the football team. The qualifications for this award are leadership, sportsmanship, team spirit, loyalty, and love of the game. A major trophy is kept in the college trophy case, and a replica is given to the recipient on Class Day.

The Harold R. Shetter Soccer Trophy, established in 1950 in memory of Harold R. Shetter, Coach of Soccer 1948-50, is awarded annually to the member of the Varsity Soccer Squad who has shown the greatest improvement as a player over the previous year and who has also demonstrated qualities of team spirit and sportsmanship.

The John E. Slowik Swimming Award is made annually in memory of John E. Slowik, Class of 1939, Captain in the U. S. Army Air Corps who was killed in action over Germany. The award is to be made to the most valuable member of the Varsity Swimming Team considering ability, conscientiousness in the observance of all rules of practice and training, and qualities of leadership. The first award was made in 1950.

The John Sweet Batting Award is given annually to the member of the varsity baseball team having the highest batting average for the season.

The Arthur P. R. Wadlund Basketball Award, awarded annually to the most valuable player on the varsity team, was donated by V. Paul Trigg, Class of 1936, in memory of Professor Arthur P. R. Wadlund, Jarvis Professor of Physics. A major trophy is kept in the college trophy room and a replica is presented each year to the winner.

The Lewis M. Walker Cup is awarded annually in memory of Lewis M. Walker, a keen follower of sports who sent two sons to Trinity College. A large trophy is awarded the winner of the annual intra-mural golf championship, and a smaller trophy is awarded the player with the lowest medal score in the tournament.

The Dan Webster Baseball Award is awarded annually to the player who has been of "most value" to the baseball team. The major trophy is kept in the college trophy case and a replica is presented to the award winner.

Awards for 1956-57

Valedictorian: JAMES ROBERT BRADLEY

Salutatorian: FERNEN EARLE FOX, JR.

THE H. E. RUSSELL FELLOW: Melvin C. Tews

THE MARY A. TERRY FELLOW: James R. Bradley

COMPETITIVE SCHOLARSHIPS

HOLLAND SCHOLARS: F. Earle Fox, Jr., '57; Nathaniel Hathaway, III, '59; David A. Smith, '58

GOODWIN-HOADLEY SCHOLARS: James T. Canivan; Arthur O. Enquist; Paul S. Paslaski

SPECIAL SCHOLARSHIPS

ARROW-HART AND HEGEMAN SCHOLAR: Edward F. Gibbons

CESARE BARBIERI SCHOLAR: Vincenzo A. Mascagni

FERGUSON-MACGREGOR SCHOLARS: Robert O. Brush; Rupert R. St. John; Gintas Simonaitis; David W. Wright

GENERAL ELECTRIC SCHOLAR: Ronald G. Foster

KRISTINA HALLDEN SCHOLAR: Emil D. Arle

MARGARET HALLDEN SCHOLAR: Martin V. Dagata

ILLINOIS SCHOLARS: Robert W. Back; Jerry K. Barth; Kenneth W. Beaman; David E. Belmont; Michael E. Borus; Laurence M. Bouldin; Sanford A. Bredine; Bryan H. Bunch; Ward S. Curtan; Eugene W. Curry; Robert L. Down; John S. Foster; William T. Franz; Raymond V. Greenlee; Frank R. Gudas; Paul D. Hersch; Jerry R. Hofmann; Phillip D. Jacklin, Jr.; Douglas J. Kimber; Manown Kisor, Jr.; Thomas C. Kratz; John J. Kuiper; William E. Learnard; Stephen V. Letcher; Edgar B. Lorson; Fred A. Mauck; Lawrence W. Muench; Jerald E. Olson; Wayne R. Park; William J. Paterson; Robert M. Perce, Jr.; Marvin W. Peterson; Franklin P. Reeves; David C. Rohlfing; Clyde S. Rowley; Robb N. Russell; Karl Scheibe; Philip D. Simshauser; Frederic C. Snider; Melvin C. Tews; Dean Uphoff; Michael Washington

MONSANTO SCHOLARS: Lloyd Frauenglass; Burton Tiffany

SEABURY SCHOLARS: Robert D. Coykendall; Robert M. Olton, Jr.; Martyn N. Perry; Thomas F. White

TRINITY CHURCH (NEW YORK CITY) SCHOLARS: Charles F. Boynton; John K. Muir; William J. Schreiner

WESTINGHOUSE SCHOLAR: James J. Pitchell

SCHOLARSHIPS FOR STUDENTS FOR THE MINISTRY

HITCHINGS SCHOLAR: Carl Loeffel

KIRBY SCHOLAR: Eugene A. Lindemann

HORATIO N. LAKE SCHOLARS: James R. Bradley; Edmund Zelley

TOUCEY SCHOLARS: Durston MacDonald; William H. Owen

NATHAN M. WATERMAN SCHOLAR: John Hall

GENERAL SCHOLARSHIPS

- ARMSTRONG SCHOLAR: David E. Renard
 BACKUS SCHOLAR: Lewis S. Keyes
 BECKWITH SCHOLARS: John Allen; David B. Beers; Robert E. Brault; Frank K. Jago
 BENNETT SCHOLAR: Thomas M. Woodward, Jr.
 BETHLEHEM STEEL SCHOLAR: Walthar Barnard
 GRACE EDITH BLISS SCHOLAR: Bruce C. Headle
 GEORGE MEAD BOND SCHOLAR: Neil W. Coogan
 LUCY M. BRAINERD SCHOLARS: Robert G. Beaven; Jonathan Keroes
 BRONSON SCHOLAR: Andre L. LaRoche
 CARPENTER SCHOLAR: Melvin F. Buchanan
 CLASS OF 1916 MEMORIAL SCHOLARS: Frederick M. Berglass; John J. Bonsignore;
 Russell M. Clark; John M. Daniels; George J. Enepekides
 ARCHIBALD CODMAN SCHOLAR: Peter C. Smith
 COLE SCHOLAR: Socrates A. Chekas
 COLLEGIATE SCHOLAR: Jacob W. Edwards
 CONVERSE SCHOLARS: Bruce R. Baker; Edward S. Dubel; Ernest M. Haddad; John E.
 Kenny; Arthur Peitow, III
 LEMUEL J. CURTIS SCHOLAR: Burton Tiffany
 CHARLES F. DANIELS SCHOLAR: David B. Leof
 J. H. KELSO DAVIS SCHOLARS: Lloyd Frauenglass; Jerry K. Muir; Howard H. Orenstein;
 Robert G. Pingank
 DILLON SCHOLARS: Arthur G. Polstein; Michael P. Rewa
 DOUGLAS SCHOLAR: Phillip J. Bratt
 EASTERBY SCHOLARS: Peter S. Dunning; Albert F. Garib
 ELLIS SCHOLAR: Gordon Clarke
 ELTON SCHOLARS: George E. Backman; Michael D. Lieber; David MacIssac
 S. P. AND BARR FERREE SCHOLARS: Norman C. Kayser; Richard P. Kompalla
 THOMAS FISHER SCHOLAR: Robert F. Liepis
 EDWARD OCTAVIUS FLAGG SCHOLAR: Duane N. Wolcott
 ELBERT H. GARY SCHOLARS: John J. Bonsignore; Melvin F. Buchanan; William
 DeColigny; Alan D. Fuchs; Philip J. Newman
 GENERAL SCHOLAR: Roy L. Stephens
 JAMES HARDIN GEORGE SCHOLAR: Donald W. Farmer
 HALLDEN SCHOLARS: William R. Abeles; Arnebert Englehart; Nicholas Zessoules
 HALSEY SCHOLAR: Walter J. Graham
 GEORGE KNEELAND SCHOLAR: Douglas L. Frost
 GEORGE SHELDON MCCOOK SCHOLAR: Barry G. Royden
 McLEAN SCHOLAR: Nicholas F. Poschl
 CAROLINE SIDNEY MEARS SCHOLAR: Robert W. Bates
 C. B. MOAK SCHOLARS: Neboysha Brashich; Richard M. Schwiebert

- ROBERT S. MORRIS SCHOLAR: Edward T. Wickham
 SHIRAS MORRIS SCHOLARS: Robert Larsen; Spencer L. Smith
 REMSEN BRINCKERHOFF OCLBY SCHOLARS: Charles D. Bozzuto; Rolfe A. Lawson;
 Richard K. White
 DWIGHT WHITEFIELD PARDEE SCHOLAR: Robert J. Pizzella
 HENRY PERKINS SCHOLAR: Paul S. Kennedy
 RETURNED SCHOLARSHIP SCHOLAR: Hubbard Segur, Jr.
 GOVERNOR ABRAHAM A. RIBICOFF SCHOLAR: Joseph T. Albano
 MARIA L. RIPLEY SCHOLAR: Robert G. Riddell
 GENERAL GRIFFIN A. STEDMAN, JR. MEMORIAL SCHOLAR: Gary Casali
 SUISMAN FOUNDATION SCHOLAR: Wayne B. Hazzard
 EDWIN P. TAYLOR, III SCHOLAR: Waiten R. Pitcher
 MATHEW GEORGE THOMPSON SCHOLARS: George J. Baxter; Edward S. Bradley; Vincent
 J. Bruno; William S. Curtiss; Bruce H. Frank; John H. McGowan; Herbert H.
 Moorin; Charles Murray; Robert A. Winter; John F. Woolley
 WILLIAM TOPHAM SCHOLAR: Robert D. Kaufhold
 TRINITY SCHOLARS: David J. Elliott; George J. Kelleher; Thomas M. Reed; David A.
 Rovno; Donald E. Seastrom; Harold E. Strass; John L. Thompson; Peter H. Vaughn;
 Nicholas J. Vincent; Nathaniel R. Winslow, Jr.; Richard P. Hall
 WEAN SCHOLAR: Franklin L. Kury
 MARY HOWARD WILLIAMS SCHOLAR: Albert C. Sullivan
 ISIDORE WISE SCHOLARS: John Bowers; Warren G. Freeman; Philip E. McNairy;
 Edward H. Mellor; Remington E. Rose
 CHARLES G. WOODWARD SCHOLARS: Emil D. Arle; Kenneth Greenwald; Wesley P.
 Melling; David T. Ralston
 VERTREES YOUNG SCHOLAR: John A. Peters

HONORS AND PRIZES

- THE ALUMNI PRIZE IN ENGLISH COMPOSITION: First Prize: Franklin L. Kury; Second
 Prize: Raymond A. L. Loven, Jr.; Third Prize: Barnett M. Sneideman
 THE AMERICAN SOCIETY OF MECHANICAL ENGINEERS PRIZE: James J. Pitchell
 THE CESARE BARBIERI PRIZES: First Prize: Not awarded; Second Prize: Vincent J.
 Bruno
 F. A. BROWN PRIZES—ENGLISH ORATION: First Prize: David MacIsaac; Second Prize:
 H. Brooks Baker
 THE FERGUSON PRIZE IN HISTORY AND POLITICAL SCIENCE: First Prize: Not awarded;
 Second Prize: Ward S. Cuitan
 THE RONALD H. FERGUSON PRIZE FOR EXCELLENCE IN FRENCH: First Prize: Not
 awarded; Second Prize: Neil M. Larkin
 FULBRIGHT SCHOLAR: John M. Daniels
 THE FRATERNITY SCHOLARSHIP CUP: Delta Phi
 THE JAMES GOODWIN GREEK PRIZES: First Prize: James R. Bradley; Second Prize:
 David B. Beers; Honorable Mention: William H. Owen, Jr.
 MARY LOUISE GUERTIN ACTUARIAL AWARD: Sanford W. Scott, Jr.

- RICHARD P. HORAN MEMORIAL TROPHY: Theta Xi
- THE HUMAN RELATIONS AWARD: Peter D. Lowenstein
- THE GEORGE J. MEAD PRIZE IN HISTORY: David E. Belmont; Robert M. Perce, Jr.
- THE GEORGE J. MEAD PRIZE IN GOVERNMENT: Peter D. Lowenstein
- THE PHI GAMMA DELTA PRIZES IN MATHEMATICS: Freshmen: First Prize: Irving Howard LaValle; Second Prize: Ying-Yeung-Yam; Third Prize: Burton Tiffany; Sophomores: First Prize: George Albert Anderson; Second Prize: Paul Stephen Paslaski; Third Prize: Michael Edward Palmer
- THE PI GAMMA MU SCHOLARSHIP AWARD: William J. McGill, Jr.
- THE DONN F. PORTER AWARD: Marvin W. Peterson
- ST. ANTHONY EDUCATIONAL FOUNDATION SCHOLARSHIP: David B. Beers
- TRINITY COLLEGE-UNIVERSITY OF CHICAGO BUSINESS SCHOOL FELLOWSHIP: Clyde S. Rowley, Jr.
- TRINITY COLLEGE-UNIVERSITY OF CHICAGO LAW SCHOOL SCHOLARSHIP: John J. Bonsignore
- TRINITY COLLEGE LIBRARY ASSOCIATES STUDENT BOOK COLLECTORS PRIZES: First Prize: Remington E. Rose; Second Prize: Malcolm M. MacDonald; Third Prize: Richard T. Nolan
- THE MILES A. TUTTLE PRIZE: David MacIsaac
- RUEL CROMPTON TUTTLE PRIZES: First Prize: Remington E. Rose; Second Prize: David W. Wright
- THE FRANK W. WHITLOCK PRIZES-PUBLIC SPEAKING: First Prize: Raymond E. Joslin; Second Prize: Franklin L. Kury
- THE WALL STREET JOURNAL STUDENT ACHIEVEMENT AWARD: Thomas C. Kratz
- PHI BETA KAPPA - James R. Bradley, Louis Brown, Vincent J. Bruno, John M. Daniels, Philip R. Fleishman, F. Earle Fox, Jr., Albert F. Garib, Albert L. Geetter, John J. Kuiper, David MacIsaac, William J. McGill, Jr., Manny Myerson, Dwight L. Oarr, Myron M. Pisetsky, Mandel E. Slater, C. Frederic Snider, Melvin C. Tews, N. Robbins Winslow, Jr., Duane N. Wolcott, Jr.
- PI GAMMA MU - Robert W. Back, John J. Bonsignore, Lawrence M. Bouldin, Barlow D. Drayton, Jr., David J. Elliott, David P. Giammettei, Manown Kisor, Jr., David MacIsaac, Durstan R. McDonald, William J. McGill, Jr., Borden W. Painter, Jr., Robert M. Rosenfeld, Clyde S. Rowley, Jr., Steven H. See, C. Frederic Snider, James D. Wilson
- SIGMA PI SIGMA - George A. Anderson, Leonard S. Baskin, Charles D. Beristain, Robert D. Coykendall, John S. Foster, Lloyd Frauenglass, Preston W. Grant, Jr., Roy H. McIlwaine, John P. Moreschi, Michael E. Palmer, Paul S. Paslaski, Robert W. Spielman

WINNERS OF 1956-57 ATHLETIC PRIZES

- THE NEWTON C. BRAINARD SQUASH RACQUET AWARD - Robert N. Spahr
- THE JOHN FRANCIS BOYER LACROSSE AWARD - Richard H. Hall
- THE HORACE G. CLEVELAND III TENNIS MEDAL - A. Brooks Harlow, Jr.
- THE COACH'S FOUL SHOOTING TROPHY - Edward J. Anderson
- THE CRAIG TENNIS AWARD - K. Dodd Miles
- THE PETER S. FISH SOCCER TROPHY - Douglas B. Raynard

- GEORGE SHELDON MCCOOK TROPHY – Douglas B. Raynard
 THE JOHN A. MASON AWARD – (Not Awarded)
 THE MEARS PRIZE – (Not Awarded)
 THE ROBERT S. MORRIS TRACK TROPHY – W. Hubbard Segur, Jr.
 THE "1935" AWARD – George J. Kelleher
 THE HAROLD R. SHETTER SOCCER TROPHY – Donald S. Weinstein
 THE JOHN E. SLOWIK SWIMMING AWARD – Walter C. Shannon
 THE JOHN SWEET BATTING AWARD – Roger A. Le Clerc
 THE ARTHUR P. R. WADLUND BASKETBALL AWARD – Nicholas J. Vincent
 THE LEWIS M. WALKER CUP – Robert A. Kaufhold
 THE DAN WEBSTER BASEBALL AWARD – George E. Case

AIR FORCE RESERVE OFFICERS TRAINING CORPS

Distinguished Military Cadets—1956-1957

James Gordon Kenefick, Jr.
 David MacIsaac
 William Fosdick Morrison

Distinguished Air Force ROTC Graduate

David MacIsaac

Awards and Medals for 1957

- AIR FORCE ASSOCIATION SILVER MEDAL – to the graduating cadet officer who has exhibited the highest leadership, scholastic excellence in military subjects and achievement in academic courses. Cadet Colonel Philip Weston Almqvist.
- CHICAGO TRIBUNE SILVER MEDAL – to the advanced course cadet who has demonstrated the highest military achievement, scholastic attainment and character. Cadet Major William Ewing Learnard.
- CHICAGO TRIBUNE GOLD MEDAL – to the basic course cadet who has demonstrated the highest military achievement, scholastic attainment and character. Cadet Airman Third Class Robert Matthew Olton, Jr.
- COLT'S PATENT FIRE ARMS MANUFACTURING COMPANY AWARD – to the member of the AFROTC Rifle Team who has compiled the highest seasonal record. Cadet Master Sergeant James Butler Studley.
- CONNECTICUT COMMANDERY OF THE MILITARY ORDER OF FOREIGN WARS AWARD – to the graduating cadet officer who has maintained the highest degree of military proficiency during the advanced course. Cadet Captain David MacIsaac.
- CONNECTICUT DEPARTMENT, RESERVE OFFICERS ASSOCIATION AWARD – to the basic course cadet who has shown the greatest improvement. Cadet Airman First Class William DeForrest Crowell, Jr.
- CONNECTICUT SOCIETY OF THE SONS OF THE AMERICAN REVOLUTION MEDAL – to the basic course cadet who has exhibited a high degree of merit with respect to leadership, military bearing and excellence in his academic course of study. Cadet Airman Third Class Edward Samuel Dubel.
- CONVAIR AWARD – to the cadet who has displayed the greatest interest in aviation and desire for flying training.—First Year, Basic Course.—Cadet Airman Basic Michael Philip Rhodes.

- FIRST COMPANY, GOVERNOR'S FOOT GUARD AWARD - to the basic course cadet who has exhibited the highest military proficiency. Cadet Airman Third Class Charles Joseph Miller.
- FIRST COMPANY, GOVERNOR'S FOOT GUARD BAND AWARD - to the cadet who has contributed in an exemplary manner to the success of the AFROTC Drum and Bugle Corps. Cadet Captain William Fosdick Morrison.
- FIRST COMPANY, GOVERNOR'S HORSE GUARDS AWARD - to the graduating cadet officer from the State of Connecticut who has exhibited outstanding performance of duties and energetic cooperation. Cadet Major Donald Hemings Duff.
- HAMILTON STANDARD DIVISION AWARD - to the cadet who has demonstrated the highest leadership, academic ability, cooperation, and loyalty.—First Year, Advanced Course. Cadet Technical Sergeant Robert Wyatt Back.
- HARTFORD CHAPTER, MILITARY ORDER OF THE WORLD WARS MEDAL - to the graduating cadet officer who has rendered meritorious service in a leadership capacity. Cadet Major Norman Charles Kayser.
- HARTFORD CHAPTER NUMBER FIFTY-SIX, NATIONAL SOJOURNERS AWARD - to the cadet who has demonstrated exceptional effort.—First Year, Basic Course. Cadet Airman Basic Charles Allen Bridley.
- HARTFORD CHAPTER, RESERVE OFFICERS ASSOCIATION MEDAL - to the cadet who has maintained the highest academic excellence.—First Year, Advanced Course. Cadet Staff Sergeant Joseph Repole, Jr.
- HARTFORD CHAPTER, YANKEE DIVISION VETERANS' ASSOCIATION AWARD - to the cadet who has rendered outstanding heretofore unrewarded work in the Advanced Course. Cadet Major Hans Walter Becherer.
- HARTFORD COURANT AWARD - to the cadet who has consistently distinguished himself by sincerity, loyal cooperation, and unquestioning devotion to the mission of the Cadet Corps.—First Year, Advanced Course. Cadet Master Sergeant Philip Charles Simmons.
- HARTFORD VETERANS' COUNCIL AWARD - to the graduating cadet officer whose enthusiasm, personality, and interest have contributed significantly to the high development of esprit de corps in the Cadet Corps. Cadet Lieutenant Colonel Richard Harvey Hall.
- 9057th AIR RESERVE GROUP AWARD - to the cadet who has maintained the highest excellence.—Second Year, Basic Course. Cadet Airman Third Class Robert William Spielman.
- NONCOMMISSIONED OFFICERS OF AFROTC DETACHMENT 110 AWARD - to the graduating cadet officer with whom they would most like to serve on active duty. Cadet Captain David MacIsaac.
- PRATT AND WHITNEY AIRCRAFT AWARD - to the graduating cadet officer who has demonstrated the highest leadership, academic ability, cooperation, and loyalty. Cadet Colonel Philip Weston Almquist.
- REPUBLIC AVIATION CORPORATION AWARD - to the cadet who presented the most effective public presentation on an Air Power theme.—First Year, Advanced Course. Cadet Technical Sergeant Thomas Rutledge Barrett.
- TRINITY CLUB OF HARTFORD AWARD - to the cadet who, by his untiring efforts, voluntary expenditure of his free time and deep interest in Air Force affairs, has done the most for the Cadet Corps. Cadet Major Gerald Arthur Channell.
- TRINITY COLLEGE AWARD - to the member of the AFROTC Rifle Team who has contributed the most to the team. Cadet First Lieutenant Donald Arthur Finkbeiner, Jr.
- TRINITY COLLEGE AWARD - to the member of the AFROTC Rifle Team who has shown the most marked improvement during the school year. Cadet Airman Basic George Weisz.

Degrees Conferred in 1957

The following degrees, having been voted by the Corporation, were duly conferred at the public Commencement Exercises June 9.

BACHELORS DEGREES IN COURSE

James Robert Bradley, *New Jersey*, B.A.
VALEDICTORIAN
with Honors in General Scholarship and Classics

Fernen Earle Fox, Jr., *Maryland*, B.A.
SALUTATORIAN
with Honors in General Scholarship and Philosophy

David Booth Beers, *Connecticut*, B.A.
with Honors in German

Edward Stephen Bradley,
Connecticut, B.A.
with Honors in History

Ward Schenk Curran, *Illinois*, B.A.
with Honors in History

John Milton Darcey, *Connecticut*, B.A.
with Honors in Spanish

Robert John Douglas, *Connecticut*, B.S.
with Honors in Engineering

David Presby Giammattei, *New York*,
B.A.
with Honors in History

John Jay Kuiper, *Illinois*, B.S.
*with Honors in General Scholarship
and Chemistry*

David MacIsaac, *Massachusetts*, B.A.
with Honors in History

William James McGill, Jr., *Illinois*, B.A.
*with Honors in General Scholarship
and History*

Dwight Livingston Colegrove Oarr,
Connecticut, B.A.
with Honors in Music

Mandel Elihu Slater, *Connecticut*, B.S.
with Honors in Chemistry

Cecil Frederic Snider, *Illinois*, B.A.
with Honors in History

Nathaniel Robbins Winslow, Jr.,
New Jersey, B.A.
with Honors in History

Philip Weston Almquist, *Connecticut*,
B.S.

Arthur Peter Anderson, Jr., *Connecticut*,
B.A.

James Bruce Arrington, *Massachusetts*,
B.A.

Frederick Herbert Baird, *Massachusetts*,
B.A.

Bruce Rogers Baker, *New York*, B.A.
H. Brooks Baker, *Washington, D. C.*, B.A.

James Tyler Barber, *Connecticut*, B.A.
Thomas Alden Barber, *Connecticut*, B.S.

Hans Walter Becherer, *Michigan*, B.A.
Richard Leroy Behr, *Pennsylvania*, B.A.

Duncan Yorty Bennett, *New York*, B.A.
John Joseph Bonsignore, *Connecticut*,
B.A.

Frank Holgate Boos, III, *Michigan*, B.A.
Stephen Newbury Bowen, *Ohio*, B.A.
Winslow Brabson, *Virginia*, B.S.

Phillip James Brätt, *New York*, B.A.
Louis Brown, *Connecticut*, B.S.

Theodor Brown, *New York*, B.A.

Vincent James Bruno, *Connecticut*, B.A.
Franklin Wilcox Bulkley, *New York*, B.A.

Martin Stanley Caine, *New York*, B.A.
Daniel Sebastian Calabro, *Connecticut*,
B.S.

Robert James Cammarano, *New Jersey*,
B.A.

George Edward Case, *Connecticut*, B.A.
Paul Amadeo Cataldo, *Massachusetts*,
B.A.

Gerald Arthur Channell, *Connecticut*,
B.A.

Carl Lawrence Christensen, *Connecticut*,
B.A.

Russell Martin Clark, *New Jersey*, B.A.
William Clinton, *Connecticut*, B.S.

Richard Denis Condon, *Connecticut*, B.S.

- Walter Clifford Crusberg, *Connecticut*, B.A.
 Hugh Gilbert Cunningham, *Connecticut*, B.A.
 John Maynard Daniels, *Connecticut*, B.S.
 Neil McPherson Day, *Massachusetts*, B.A.
 Alfred John De Falco, *Connecticut*, B.A.
 James Edward Detzler, *Illinois*, B.A.
 Willis Arnold Diefendorf, *New York*, B.A.
 James Campbell Dillon, *Connecticut*, B.A.
 Ezra Sampson Diman, IV,
Philippine Islands, B.A.
 Roderic Charles Diman, *Connecticut*, B.A.
 David Drysdale Doolittle, *Illinois*, B.A.
 Robert Edwin Doran, III, *New York*, B.A.
 Barlow Day Drayton, Jr., *New Jersey*, B.A.
 Donald Hemings Duff, *Connecticut*, B.A.
 Henry Earle, III, *Michigan*, B.A.
 David John Elliott, *Connecticut*, B.A.
 Richard Philip Ewald, *Connecticut*, B.A.
 Philip Robert Fleishman, *Connecticut*, B.S.
 David Luther Ford, *Minnesota*, B.S.
 Ronald George Foster, *Connecticut*, B.A.
 Bertram Graeme Frazier, III,
Pennsylvania, B.A.
 Albert Franklin Garib, *Connecticut*, B.S.
 Albert Leonard Geetter, *Connecticut*, B.S.
 Paul Anthony Giffin, *Wisconsin*, B.S.
 Robert Hartley Godfrey, *New York*, B.A.
 James Merwin Gould, *New York*, B.A.
 Douglas Sadtler Green, *Maryland*, B.A.
 Peter Ross Greer, *New Jersey*, B.A.
 Barry Turner Haff, *New York*, B.S.
 John Hall, *Rhode Island*, B.A.
 Richard Harvey Hall, *Massachusetts*, B.A.
 Henry Davey Hamilton, *Connecticut*, B.A.
 Arthur Brooks Harlow, Jr., *Connecticut*, B.A.
 David Lloyd Hockett, *New York*, B.A.
 John Pigott Hoey, *Connecticut*, B.A.
 Raymond Donald Hoffman, *New York*, B.S.
 John Edward Holmes, Jr., *New York*, B.A.
 John Lawrence Johnston, *New York*, B.A.
 Russell Black Jones, Jr., *Pennsylvania*, B.A.
 Norman Charles Kayser, *New Jersey*, B.A.
 William Francis Keating, *Massachusetts*, B.A.
 George Joseph Kelleher, *Massachusetts*, B.A.
 James Gordon Kenefick, *Connecticut*, B.A.
 Paul Sherbourne Kennedy, *Territory of Hawaii*, B.A.
 Douglas James Kimber, *Illinois*, B.S.
 Raymond Charles Kisonas, *Connecticut*, B.S.
 Richard Paul Kompalla, *New York*, B.A.
 Ronald Alek Kozuch, *Connecticut*, B.A.
 Thomas Charles Kratz, *Illinois*, B.A.
 Philip Herbert Kylander, Jr., *Connecticut*, B.A.
 Ronald Vito LaBella, *New Jersey*, B.A.
 Joseph Louis Lavieri, *Connecticut*, B.S.
 William Ewing Learnard, *Illinois*, B.A.
 Stephen Vaughan Letcher, *Illinois*, B.S.
 Michael Abraham Levin, *New York*, B.A.
 Eugene Henry Lockfeld, *New Jersey*, B.A.
 Kevin Michael Logan, *Connecticut*, B.A.
 William David Luke, Jr., *Delaware*, B.A.
 Peter Cowenhoven Luquer, *Massachusetts*, B.A.
 Stanley Francis Lusnia, *Massachusetts*, B.A.
 Malcolm Murdoch MacDonald, *New York*, B.A.
 Paul Spurgeon MacLeod, *Maine*, B.A.
 Peter Allen Makrianes, *Connecticut*, B.A.
 William Frederick Mann, Jr., *Connecticut*, B.S.
 Paul Borden Marion, *New Jersey*, B.A.
 Hugh David McCracken, Jr., *Connecticut*, B.S.
 William Donald McGinn, *Connecticut*, B.A.
 Paul Melnyk, *Ohio*, B.A.
 James Earl Melrose, *Connecticut*, B.S.
 James Phillips Miller, *Pennsylvania*, B.A.
 Charles Edwin Morhardt, *Connecticut*, B.S.
 William Fosdick Morrison, *Connecticut*, B.A.
 Egbert Laird Mortimer, III, *Maryland*, B.A.
 Manny Myerson, *Connecticut*, B.S.
 Samuel Francis Niness, Jr., *Pennsylvania*, B.A.
 Lafayette Page, III, *Connecticut*, B.A.
 Russell William Partridge, *Connecticut*, B.A.
 Martin Kershaw Payne, *Massachusetts*, B.S.
 William Neil Pierce, Jr., *New Jersey*, B.A.
 Donald Marion Pillsbury, Jr., *Pennsylvania*, B.S.
 Myron Matthew Pisetsky, *Connecticut*, B.S.
 James John Pitchell, *Connecticut*, B.S.
 Frank Donald Popowics, *Connecticut*, B.S.
 William Edward Price, *Connecticut*, B.A.
 Douglas Bowlyn Raynard, *Connecticut*, B.A.
 Edwin Walter Reichard, *Connecticut*, B.A.
 Harry Clinton Reichard, Jr., *Pennsylvania*, B.S.
 Rodney Charter Reynolds, *Connecticut*, B.A.
 Norman Denis Richard, *Connecticut*, B.A.
 William Oliver Richards, *New Jersey*, B.A.
 Carlos Albert Richardson, Jr., *California*, B.A.

Robert Edward Richardson, Jr., *Connecticut*, B.A.
 Chester Charles Ringheiser, *New York*, B.A.
 Philip Ogden Ritter, *Pennsylvania*, B.S.
 David Christian Rohlfing, *Illinois*, B.A.
 Alain René Roman, *New York*, B.S.
 Robert Morton Rosenfeld, *Connecticut*, B.A.
 John Arnold Ross, *Connecticut*, B.S.
 Clyde Stevenson Rowley, Jr., *Illinois*, B.A.
 Paul William Russo, *Massachusetts*, B.A.
 Rupert Russell St. John, *Connecticut*, B.A.
 Richard Joseph Salamon, *Connecticut*, B.A.
 Walter Charles Shannon, *Connecticut*, B.A.
 Robert Austin Shaw, *Rhode Island*, B.A.
 Craton Smith Sheffield, *Florida*, B.A.
 John Duncan Shields, *New York*, B.A.
 Frederick Sill, *Canal Zone*, B.A.
 George Wesley Skinner, *Connecticut*, B.S.
 Barry Kent Sleath, *New Jersey*, B.A.
 Humberto Ybarra Solano, *Mexico*, B.S.
 Franz Theodore Solmssen, *Connecticut*, B.A.
 Joseph Paul Spatt, *Connecticut*, B.A.
 Duncan Stephenson, *New York*, B.A.

Robert Martin Stevenson, Jr., *Virginia*, B.A.
 William Lee Stout, *New Jersey*, B.A.
 Thomas John Sullivan, *Connecticut*, B.A.
 Gordon Warren Szamier, *Connecticut*, B.A.
 Melvin Carl Tews, *Illinois*, B.S.
 Joseph Alexander Therrien, Jr., *Connecticut*, B.S.
 Frederick Moore Tobin, *Connecticut*, B.A.
 Anthony Joseph Valdati, *Connecticut*, B.S.
 Murray Aaron Varat, *New York*, B.S.
 Nicholas Joseph Vincent, *Connecticut*, B.S.
 Stephen von Molnar, *Connecticut*, B.S.
 Peter Zach Webster, *New York*, B.A.
 Nelson Henry White, Jr., *Connecticut*, B.S.
 Patrick Gordon Whitney, *Argentina*, B.A.
 James Martin Wiegman, *Pennsylvania*, B.A.
 David Lloyd Williams, *Massachusetts*, B.S.
 James Douglas Wilson, *Connecticut*, B.A.
 Henry Albert Wilus, *Connecticut*, B.S.
 Duane Nelson Wolcott, Jr., *Maryland*, B.A.
 Leonard Harold Wolin, *New York*, B.S.
 John Robert Woodbury, *Illinois*, B.A.
 John Hall Woodward, *Connecticut*, B.A.
 Robert Charles Worthey, *Connecticut*, B.A.

Masters Degrees in Course

MASTERS DEGREES

Gabriel Alexander Alexander, <i>Connecticut</i> , B.S., 1950, Tufts University	M.A.
Ellsworth Maurice Beecher, <i>Connecticut</i> , B.S., 1951, Arnold College	M.A.
Burton William Bellow, <i>Connecticut</i> , B.S., 1946, Brown University	M.S.
Robert Putnam Bennett, <i>Connecticut</i> , B.S., 1955, Trinity College	M.S.
Robert Gall Gordon Brash, <i>Connecticut</i> , B.A., 1949, University of Connecticut	M.A.
Helen Cross Broadhead, <i>Connecticut</i> , B.A., 1935, Duke University	M.A.
Marcella Mary Burke, <i>Connecticut</i> , B.A., 1951, University of Connecticut	M.A.
Peter Huntington Debevoise, <i>Maine</i> , B.A., 1951, Williams College	M.A.
Peter Flavian DeVaux, <i>Connecticut</i> , B.S., 1948, Trinity College	M.A.
Russell Francis Doolittle, <i>Connecticut</i> , B.A., 1952, Wesleyan	M.A.
Joseph Robert Dunn, Jr., <i>Connecticut</i> , B.S., 1950, Teachers College of Connecticut	M.A.
Robert Gardner, <i>Connecticut</i> , B.A., 1951, Wesleyan University	M.A.
Mary Helen S. Golden, <i>Connecticut</i> , B.A., 1945, Our Lady of the Lake College	M.A.
William Rodearmel Grimm, <i>Connecticut</i> , B.A., 1938, Princeton University	M.A.
Elizabeth Anne Guilfoile, <i>Connecticut</i>	M.A.
Rankine Gallien Hinman, <i>Connecticut</i> , B.A., 1935, Union College	M.A.
Wade Allen Huber, <i>Connecticut</i> , B.A., 1948, Middlebury College	M.A.
Winston Ralph Johnson, <i>Connecticut</i> , B.S., 1942, Harvard University	M.A.
Faye Hines Kilpatrick, <i>Connecticut</i> , B.A., 1948, University of Richmond	M.A.
John Frederick Klingler, <i>Connecticut</i> , B.A., 1951, Trinity College	M.A.
Richard Kenneth Loveland, <i>Connecticut</i> , B.A., 1951, Princeton University	M.A.
Albert Julian Marks, Jr., <i>Connecticut</i> , B.A., 1946; LL.B., 1950, Harvard University	M.A.
Thomas McCabe, <i>Connecticut</i> , B.A., 1949, University of Bridgeport	M.A.
Ralph Winfred McFerrin, <i>Connecticut</i> , B.A., 1941, University of Missouri	M.A.
George Harold Murray, <i>Connecticut</i> , B.S., 1948, Syracuse University	M.A.
Curnick Mvelase Curwens Ndamse, <i>South Africa</i> , B.A., 1954, Fort Hare University College; B.A. Honours, 1955, University of South Africa; M.A., 1956, Hartford Seminary Foundation	M.A.
Leonard Pearl, <i>Connecticut</i> , Rabbi, 1939, Mirrer Rabbinical Seminary, Poland	M.A.
Chester Peck, <i>Connecticut</i> , B.A., 1953, University of Vermont	M.A.
Charles H. Perret, <i>Connecticut</i> , B.A., 1950, University of Connecticut	M.A.
Donald Ballou Reid, <i>Connecticut</i> , B.A., 1951, Harvard University	M.A.
Philip Saber Saif, <i>Egypt</i> , B.A., 1955, American University at Cairo	M.A.
Joan Teresa Shea, <i>Connecticut</i> , B.A., 1943, St. Joseph College	M.A.
Annette Elaine Studzinski, <i>Connecticut</i> , B.A., 1954, Connecticut College	M.A.

Lloyd Latham Temple, Jr., <i>Connecticut</i> , B.A., 1956, Trinity College	M.A.
William Bell Volpe, <i>Connecticut</i> , B.S., 1955, Trinity College	M.S.
Nancy Elizabeth Webb, <i>Connecticut</i> , B.S., 1950, Simmons College	M.A.
Alex Weisfogel, <i>Connecticut</i> , Rabbi, 1939, Mirrer Rabbinical Seminary, Poland	M.A.

HONORIS CAUSA

Daniel Alpert, Pittsburgh, Pa., Doctor of Science
Brand Blanshard, New Haven, Conn., Doctor of Humane Letters
William Edward Buckley, Manchester, Conn., Doctor of Humane Letters
Charles Walter Deeds, Hartford, Conn., Doctor of Laws
Ethel Collins Dunham, Cambridge, Mass., Doctor of Science
Frederick Edward Hasler, New York, N. Y., Doctor of Laws
Harry Sherbourne Kennedy, Honolulu, Hawaii, Doctor of Divinity
Joseph Anthony Racioppi, Bridgeport, Conn., Doctor of Divinity
Howard Lane Rubendall, Northfield, Mass., Doctor of Humane Letters
Charles McElroy White, Cleveland, Ohio, Doctor of Humanities
Lewis Bliss Whittmore, Vineyard Haven, Mass., Doctor of Sacred Theology

Student List for 1957-1958

CLASS OF 1958

- Douglas Petrie Addison, *New York, N. Y.*
John Allen, *Hartford*
Robert Wyatt Back, *Wheaton, Ill.*
Edwin Theodore Bailey, *Darien, Conn.*
Thomas Rutledge Barrett, *Hartford*
Jerry Klenk Barth, *Decatur, Ill.*
George Jaffray Baxter, *Westbury, N. Y.*
Richard Allen Bentfield, *Norwell, Mass.*
Frederic Marc Berglass, *Brooklyn, N. Y.*
Mark Aaron Berkley, *Colchester, Conn.*
Alan Norton Paul Bishop, *Oyster Bay, N. Y.*
Charles Goldman Blumstein, *Philadelphia, Pa.*
Sam Harrison Bockius, *Hartville, Ohio*
George Albert Bogert, *Teaneck, N. J.*
Gary Lincoln Bogli, *Manchester, Conn.*
Lawrence Melvin Bouldin, *Aurora, Ill.*
Thomas George Bowden, *East Haven, Conn.*
Charles Frederic Boynton, *New York, N. Y.*
James Martin Brian, *West Hartford*
Robert Parke Van Brott, *Chevy Chase, Md.*
Melvin Francis Buchanan, *Plainville, Conn.*
Jeremy William Buswell, *Milford, Conn.*
Robert Henry Carter, *Port Chester, N. Y.*
Robert Stuart Carter, *Hartford*
Frank San Carlo Caruso, *Hartford*
Townsend Mills Cass, *Sumner, Iowa*
John Merrill Catlin, *Longmeadow, Mass.*
Socrates Angleo Chekas, *Bristol, Conn.*
Henry Douglas Coleman, *New York, N. Y.*
Peter Hand Corbett, *Darien, Conn.*
Karl Coates Corley, *Chevy Chase, Md.*
Philip Marvin Corn, *West Hartford*
John Davin Crandall, *Pocono Manor, Pa.*
Francis Bunnell Creamer, *Willimantic, Conn.*
Peter Aloysius Crombie, *Thompsonville, Conn.*
Aldrich Clements Crowe, *Ocean City, N. J.*
John Philip Crowe, *Chicago, Ill.*
- James William Crystal, *N. Y., N. Y.*
William Smith Curtiss, *East Haven, Conn.*
Wilfred Cheodore de Sola, *Larchmont, N. Y.*
Jay Peter Dodge, *Ashtabula, Ohio*
John Robert Drago, *Hamden, Conn.*
Harold John Drinkaus, *Grosse Pointe, Mich.*
Ward Moore Edgerton, *Glastonbury, Conn.*
Paul Eldredge, *Chatham, Mass.*
Barry Andrew Elliott, *Glastonbury, Conn.*
Jason Morse Elsas, *New York, N. Y.*
Everett Ely Elting, *Scarsdale, N. Y.*
George Enepekides, *Athens, Greece*
Ralph Epstein, *Hartford*
Charles Vansant Esler, *Haverford, Pa.*
Richard Paul Farr, *Manchester, Conn.*
Peter Paul Ferrucci, *Waterbury, Conn.*
James William Flannery, *Hartford*
Fred Calvert Foy, *Pittsburgh, Pa.*
Laurence Alan Freedman, *Newton, Mass.*
Allen Robert Frey, *Windsor, Conn.*
Alan David Fuchs, *Hartford*
Peter Crawford Garrett, *Hingham, Mass.*
Robert Fisher Gibson, *Richmond, Va.*
Frederick Evelyn Gignoux, *Washington, D. C.*
Bruce Gaut Gladfelter, *Jenkintown, Pa.*
Frederick John Gleason, *Scituate, Mass.*
Irwin Goldenberg, *Hartford*
Everest Denslow Haight, *Bedford Hills, N. Y.*
Richard Graham Hall, *Old Lyme, Conn.*
Howard Tinsley Harrison, *Freeport, N. Y.*
David William Hasson, *Hartford*
Egon Erich Haug, *Maplewood, N. J.*
James William Hawe, *Palisades Park, N. J.*
Wayne Bentley Hazzard, *Roxbury, Mass.*
Bruce Clark Headle, *Simsbury, Conn.*
Ronald Robert Hermanns, *Merchantville, N. J.*
John Mark Hiebert, *Port Washington, N. Y.*
Timothy Tenney Holbrook, *Woodside, Calif.*

- Arthur Flexer Illick, *Coopersburg, Pa.*
Milton Israel, *Bristol, Conn.*
Harry Charles Jackson, *New Britain*
Robert Elgin James, *Garden City, N. Y.*
Harry Thomas Jarrett, *Diamond Point, N. Y.*
Robert Donald Kaufhold, *Akron, Ohio*
Francis DeWitt Kay, *Haddonfield, N. J.*
Daniel Joseph Kenefick, *Buffalo, N. Y.*
David Hamilton Kenny, *Colorado Springs, Colo.*
Lewis Sheldon Keyes, *Hartford*
Joel Holloway Kidder, *Chapel Hill, N. C.*
William James Kilty, *East Hartford*
Manown Kisor, *Evanston, Ill.*
Alan F. Krupp, *Wallingford, Conn.*
Robert Paul Kulas, *Glastonbury, Conn.*
Franklin Leo Kury, *Sunbury, Pa.*
Kenneth Reynold Lambert, *Hartford*
Thomas Hoopes Lapham, *Glen Falls, N. Y.*
Neil Matthew Larkin, *West Hartford*
Lawrence Bernard Larsen, *Pelham Manor, N. Y.*
Edgar Hendricks Law, *Haworth, N. J.*
James William Law, *Haworth, N. J.*
Rolfe Adrian Lawson, *Delmar, N. Y.*
Jason Jack Litton, *Great Neck, N. Y.*
Carl Lester Loeffel, *West Haven, Conn.*
Edgar William Lorson, *Staunton, Ill.*
Daniel David Louire, *New York, N. Y.*
Peter David Lowenstein, *Greenwich, Conn.*
Charles William Marcy, *Summit, N. J.*
Leonard W. Marena, Jr., *Woodmont, Conn.*
Edward Ross Mark, *Branford, Conn.*
Robert Wallace McClenahan, *London, Engl.*
Durstan McDonald, *New York, N. Y.*
John Hendron McGowan, *Branford, Conn.*
Roy Harold McIlwaine, *Garden City, N. Y.*
Andrew Dixon McKee, *Northampton, Mass.*
Keniston Peter Merrill, *Hamden, Conn.*
Kilburn Dodd Miles, *Stamford, Conn.*
William Earl Miller, *Milwaukee, Wisconsin*
David Earl Moore, *Waban, Mass.*
Richard Hayes Moore, *Manomet, Mass.*
Bernard Austin Moran, *New York, N. Y.*
George Vance Moser, *Hohokus, N. J.*
Laurence Walter Muench, *Evanston, Ill.*
- Douglas Metcalf Nelson, *Manchester, Conn.*
Donald Herbert Nevins, *Tenafly, N. J.*
Germain Downward Newton, *West Hartford*
Richard Brown Noble, *Milford, Conn.*
William James Noonan, *Hartford*
John Byrd Norris, *Westminister, Md.*
Robert Irwin Oliver, *Graceville, Minn.*
Alfred Wilhelm Olsson, *Manchester, Conn.*
Heino-Otto Ora, *West Hartford*
James Francis O'Reilly, *Wethersfield, Conn.*
Howard Harvey Orenstein, *Hartford*
Borden Winslow Painter, *Stamford, Conn.*
Wayne Richard Park, *Wheaton, Ill.*
Augustin Hamilton Parker, *Sherborn, Mass.*
Richard Edward Perkins, *Newington, Conn.*
Marty Nelson Perry, *Fillmore, Calif.*
Carl Roger Peterson, *Newington, Conn.*
Richard Loring Pickering, *Salem, Mass.*
Arthur Gilbert Polstein, *West Hartford*
John Gordon Prentice, *East Hampton, Conn.*
David Tilghman Ralston, *Willington, Del.*
Samuel Pryor Reed, *Greenwich, Conn.*
David Edward Renard, *Glenside, Pa.*
Frank Parker Renelt, *Trenton, N. J.*
Joseph John Repole, *West Hartford*
James Moore Ringland, *Minneapolis, Minn.*
Diggory Dow Robertson, *Manchester, Conn.*
Philip Virgilius Rogers, *Clinton, N. Y.*
Remington Edward Rose, *Rutherford, N. J.*
Roger Mayham Rowe, *Darien, Conn.*
Walter Norman Russell, *Coatesville, Pa.*
Ridgway Satterthwaite, *Philadelphia, Pa.*
William Stafford Saunders, *Larchmont, N. Y.*
Michael Ashbrook Schacht, *Cincinnati, Ohio*
William Norman Schacht, *Cincinnati, Ohio*
Robert Galura Scharf, *Chevy Chase, Md.*
Richard Schaupp, *Floral Park, N. Y.*
Michael Samuel Schwartz, *Mt. Vernon, N. Y.*
Gordon Beveridge Scott, *Dunedin, Fla.*
Steven Henry See, *Hartford*
Winthrop Hubbard Segur, *Wethersfield, Conn.*

Charles Joseph Selden, *Hartford*
 Jack A. Williams Shenkan, *Pittsburgh, Pa.*
 Raymond Voigt Shepherd, *Ardmore, Pa.*
 John Courtney Shera, *Scarsdale, N. Y.*
 Carl Hugh Shuster, *W. Englewood, N. J.*
 Philip Charles Simmons, *Milton, Mass.*
 David Alexander Smith, *Pocomoke City, Md.*
 John Dutton Smith, *Mertztown, Pa.*
 Peter Cropsy Smith, *Canaan, Conn.*
 Stephen Worthington Smith, *Grosse Pointe, Mich.*
 Alan Dexter Sofield, *East Orange, N. J.*
 John Means Spencer, *West Hartford*
 Richard Balkam Stanley, *West Hartford*
 George Andrew Steinmuller, *Rumson, N. J.*
 James Butler Studley, *Newton Highlands, Mass.*
 Wesley Lockhart Sullivan, *Baltimore, Md.*
 Clifford Lewis Terry, *Evanston, Ill.*
 John Leonard Thompson, *Pittsfield, Mass.*
 Frank Andrus Thorpe, *Minneapolis, Minn.*
 Roosevelt Charles Tolis, *New Britain, Conn.*

John Arlingham Toye, *West Las Vegas, N. M.*
 Johnstone Dickerman Trott, *Lawrence, Mass.*
 Roy Stephen Tucker, *Champaign, Ill.*
 James Dean Twiname, *Pleasantville, N. Y.*
 Dean Franklin Uphoff, *Minonk, Ill.*
 Gerard Gould Vaughan, *Hamilton, Mass.*
 Michael Lee Wallace, *Scarsdale, N. Y.*
 William Ward Warder, *Bryn Mawr, Pa.*
 Donald Stephen Weinstein, *West Hartford, Conn.*
 Fred Henry Werner, *New York, N. Y.*
 Charles Norton Wilkinson, *West Hartford*
 Benjamin Jackson Williams, *Chestnut Hill, Mass.*
 L. Raycroft Wilson, *Malvern, Pa.*
 Hubert Pattullo Wolfe, *Denver, Colorado*
 Walter Raymond Wolk, *Hartford*
 Charles Bradley Wood, *New London, Conn.*
 Thomas Mardellus Woodward, *East Hartford*
 David Wendell Wright, *Hartford*
 Melville Curtis Young, *Narbeth, Pa.*
 Nicholas Zessoules, *New York, N. Y.*
 Michael Zoob, *Merion, Pa.*

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 George Albert Anderson, *Newington, Conn.*
 Peter Stickney Anderson, *Columbus, Indiana*
 Charles Henry Arndt, *St. Davids, Penn.*
 George Eliel Backman, *West Hartford*
 Richard Holmes Bailey, *Setaukit, N. Y.*
 Walther M. Barnard, *Windsor, Conn.*
 Leonard Stanton Baskin, *Middletown, Conn.*
 Thomas Ehert Bass, *Ardmore, Penn.*
 Robert Warren Bates, *Columbia, Conn.*
 David Eugene Belmont, *Champaign, Ill.*
 Charles Dan Beristain, *Hartford*
 Joseph Franklin Biddle, *Huntington, Pa.*
 Chandler, Bigelow, II, *Westwood, Mass.*

Frank Walshe Birney, *Lancaster, Penn.*
 Walter Edward Borawski, *New Britain, Conn.*
 Michael Eliot Borus, *Chicago, Ill.*
 Charles Dominic Bozzuto, *Waterbury, Conn.*
 Robert Andrew Brian, *West Hartford*
 Craig Vernon Broberg, *Worcester, Mass.*
 Curtis Edmond Brown, *West Haven, Conn.*
 James Edward Brown, *Dearborn, Mich.*
 David Cushman Burleigh, *Old Lyme, Conn.*
 Walter Joseph Burns, *Santa Marta, Columbia, South America*
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 Paul Stephen Campion, *Hartford*
 James Thomas Canivan, *Hartford*
 Nicholas Pompeo Cardwell, *Winchester, Ky.*
 Curtis Knowlton Case, *Winsted, Conn.*
 Joseph Harris Casello, *Rockville, Conn.*
 Charles Warren Cerrito, *Watch Hill, R. I.*

- Robert MacDonald Champlin, *Westerly, R. I.*
 Peter Cheney, *Hingham, Mass.*
 Frederick George Clarke, *Hartford*
 Jonathan Godwin Clarke, *Washington, D. C.*
 George Douglas Cleveland, *Wayzata, Minn.*
 Eugene Franklin Corcoran, *Chicago, Ill.*
 Iain Spencer Balfour Couchman, *Plandome, N. Y.*
 Warren Winthrop Cowles, *Ridge-wood, N. J.*
 Robert Dennes Coykendall, *St. Petersburg, Fla.*
 William deForrest Crowell, *St. Louis, Mo.*
 John Raymond Donahue, *Farmington, Conn.*
 Roger Wilson Dorwart, *Hartford*
 Edward Samuel Dubel, *Trenton, N. J.*
 Peter Saunders Dunning, *Philadelphia, Pa.*
 John Joseph Dwyer, *Hartford*
 Jacob Wardwell Edwards, *Wellesley, Mass.*
 William Peck Elwell, *Wellesley Hills, Mass.*
 Arnebert Ernest Englehart, *Hartford*
 William Frederick Evenson, *Windsor, Conn.*
 Alfred Robert Faesy, *Ridgefield, Conn.*
 Gilbert Wayne Fairbanks, *Windsor, Conn.*
 Donald Williams Farmer, *New Britain, Conn.*
 Alexander Edward Fava, *Haverford, Penn.*
 Frank William Fineshriber, *Philadelphia, Pa.*
 Frederic Ian Fischbein, *Brooklyn, New York*
 Howard Eugene Fitts, *Wellesley Hills, Mass.*
 Craig Edwards Ford, *Wethersfield, Conn.*
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 John Somers Foster, *Lake Bluff, Ill.*
 William Theodore Franz, *Berwyn, Ill.*
 Lloyd Frauenglass, *West Hartford*
 Warren Gray Freeman, *Monument Beach, Mass.*
 Douglas Lee Frost, *Pelham, N. Y.*
 Frank Samuel Ganak, *Waban, Mass.*
 Francis Selwyn Gay, *Tenafly, N. J.*
 Edward Francis Gebelein, *West Hartford*
 Edward Francis Gibbons, *Windsor Locks, Conn.*
 Paul Samuel Goodman, *Brookline, Mass.*
 Michael LeVern Gowing, *Dearborn, Mich.*
 George Reatchlous Graham, *Pittsburgh, Pa.*
 Walter Joseph Graham, *Philadelphia, Pa.*
 Preston Walker Grant, *Bethesda, Md.*
 Terrell Eric Graves, *Lenox, Mass.*
 David Charles Haas, *Thomaston, Conn.*
 John Richard Hamlett, *Derby, N. Y.*
 George Leo Hampton, *West Hartford*
 Ray Asbjorn Hansen, *Teaneck, N. J.*
 George David Hardman, *Grand Rapids, Mich.*
 Robert Louis Harnish, *Weston, Mass.*
 John Clinton Hartz, *Bernardsville, N. J.*
 Nathaniel Hathaway, III, *Wethersfield, Conn.*
 Mark Daniel Healy, *Providence, R. I.*
 Peter Ros Henriques, *Pelham, N. Y.*
 Paul Dietz Hersch, *Hillsboro, Ill.*
 Richard Hess, *New York, N. Y.*
 Frederick Barton Hewitt, *Maplewood, N. J.*
 John Albert Hickey, *East Hartford, Conn.*
 Howard Livingston Hill, *Darien, Conn.*
 Samuel Carl Himelstein, *Hartford, Conn.*
 Thomas Denny Hoag, *New York, N. Y.*
 Nelson Clarke Holland, *Grosse Pointe, Mich.*
 Peter Jeremy Hoppner, *Loudonville, N. Y.*
 Timothy Parmley Horne, *Bolton, Mass.*
 Frederic Kidder Houston, *Wilming- ton, Del.*
 Paul Louis Houts, *Albany, N. Y.*
 John Corey Hunter, *Chicago, Ill.*
 Phillip Drummond Jacklin, *Chicago, Ill.*
 Richard Robert Jaffe, *Great Neck, N. J.*
 Paul Seymour Jaffee, *Paterson, N. J.*
 Robert Kippen Janes, *Bloomfield, Conn.*
 Herald Edward Jessen, *Demarest, N. J.*
 William Carlisle Johnson, *Larchmont, N. Y.*
 James Frederick Joy, *Grosse Pointe Farms, Mich.*
 Arthur Thomas Judge, *West Hartford*
 Paul Kardon, *Staten Island, N. Y.*
 Stephen Kellog, *Buffalo, N. Y.*
 Peter Griffith Kelly, *New Vernon, N. J.*
 John Edward Kenney, *Mamaroneck, N. Y.*
 Russell William Kerchis, *Hartford*
 Stephen Atwater Klinck, *Old Lyme, Conn.*

- Philip Arthur Klotz, *Brooklyn, New York*
 Howard Edwin Knust, *West Hartford, Conn.*
 Joseph Anthony Krawski, *Wapping, Conn.*
 Richard Alan Krim, *Hempstead, N. Y.*
 Howe La Garde, Jr., *Oxford, Maryland*
 Alexander Charles Lagoudakis, *Washington, D. C.*
 Andre Lester LaRochelle, *Hartford*
 Roger Alvin LeClerc, *Agawam, Mass.*
 Harvey Nelson Lerman, *Hartford*
 Kenneth Charles Lessall, *Neponsit, N. Y.*
 Simon Albert Levit, *Philadelphia, Pa.*
 Arnold Lieber, *Pittsburgh, Pa.*
 Warren Leonard Linberg, *Bristol, Conn.*
 Eugene Allen Lindemann, *Denver, Colo.*
 L. Maxwell Lockie, *Buffalo, N. Y.*
 Richard Joseph Lomnitzer, *Bridgeport, Conn.*
 Clymer Jared Long, *Freeport, N. Y.*
 Raymond Arthur L. Loven, *Chester, Conn.*
 Francis Joseph Luczak, *Hartford*
 Tom Swift Ludlow, *New Canaan, Conn.*
 William Weaver Lukens, *Gladwyne, Pa.*
 William Hough MacDermott, *Cohasset, Mass.*
 Alan Kenneth MacDonald, *West Hartford, Conn.*
 William Frederick Mannion, *Peoria, Ill.*
 Sinclair Smith Martel, *Newington, Conn.*
 Fred Albert Mauck, *Danville, Ill.*
 Walter Howard Mayo, *East Orleans, Mass.*
 Myles McDonough, *Bolton, Conn.*
 John Lawrence McElroy, *Providence, R. I.*
 Leighton Howe McIlvaine, *Rosemont, Pa.*
 Philip Edward McNairy, *Buffalo, N. Y.*
 Charles Wesley Melling, *Johnson City, N. Y.*
 David Campbell Merrifield, *Maplewood, N. J.*
 Richard Earl Miles, *Arlington Heights, Ill.*
 Alan Bruce Miller, *Hartsdale, N. Y.*
 Charles Joseph Miller, *Beacon, N. Y.*
 Thomas Cook Miller, *West Hartford*
 Paul Rudolph Mills, *Westmont, N. J.*
 Frederick Barlow Molineux, *Metuchen, N. J.*
 Herbert Howard Moorin, *Stamford, Conn.*
 John Philip Moreschi, *Newington, Conn.*
 Laurence Mead Morgan, *Ridgewood, N. J.*
 Jerry Kenneth Muir, *Cincinnati, Ohio*
 Charles Murray, *North Haven, Conn.*
 John Hoffman Murray, *Meadowbrook, Pa.*
 Brian Emory Nelson, *Short Beach, Conn.*
 Donald Goff Newhall, *Minneapolis, Minn.*
 Charles Seth Nichols, *Chestnut Hill, Mass.*
 Richard Thomas Nolan, *Waltham, Mass.*
 Jerald Edward Olson, *Western Springs, Ill.*
 Robert Matthew Olton, *Richmond, Virginia*
 Peter Holmes Onderdonk, *Highland Park, Ill.*
 Vincent LeRoy Onslow, *Chevy Chase, Md.*
 Jon Harris Outcalt, *Chagrin Falls, Ohio*
 William Howard Owen, *Willow Grove, Pa.*
 Michael Edward Palmer, *Middletown, Conn.*
 Paul Stephen Paslaski, *Hartford*
 Robert Murray Perce, *Lake Forest, Ill.*
 William Harry Pfeffer, *Hamden, Conn.*
 Robert Lansing Phipps, *Albany, New York*
 Robert Charles Pingpank, *Thomaston, Conn.*
 Warner, Rittenhouse Pitcher, *Drexel Hill, Pa.*
 Robert James Pizzella, *Elmwood*
 Samuel Salvage Polk, *New York, N. Y.*
 Edward Francis Porteus, *Cromwell, Conn.*
 David Bradford Potter, *Woodbridge, Conn.*
 James Ludlow Price, *Waban, Mass.*
 Oliver deMontalant Putnam, *Washington Depot, Conn.*
 Richard Henderson Reed, *West Hartford*
 Thomas McHugh Reed, *Sea Girt, N. J.*
 Ronald Leo Reopel, *Westfield, Mass.*
 Michael Peter Rewa, *East Hartford*
 Jon Anzuena Reynolds, *Bala-Cynwyd, Pa.*
 Robert George Riddell, *Glastonbury, Conn.*
 David Arnold Rovno, *Philadelphia, Pa.*
 William Forrester Runnette, *Pittsburgh, Pa.*

Robert Evan Scharf, *Brooklyn, N. Y.*
 Karl Scheibe, *St. Louis, Mo.*
 Shepard Mordecai Scheinberg, *Riverhead, N. Y.*
 Peter Merritt Schoff, *New York 21, N. Y.*
 Neil Richard Schram, *Brooklyn, N. Y.*
 William James Schreiner, *New York, N. Y.*
 Cortland Henry Schroder, *West Hartford*
 Donald Edward Seastrom, *Hopedale, Mass.*
 Joseph Anthony Sgro, *East Haven, Conn.*
 Earle Stuart Shaller, *Hartford*
 Brendan Shea, *Manchester*
 Leonard Barry Shechtman, *West Hartford*
 James Wayne Shetter, *East Berlin, Pa.*
 Gintas Simonaitis, *Hartford*
 Philip Dale Simshauser, *Decatur, Ill.*
 Albert Richard Smith, *Greenfield, Mass.*
 Frederick Lorenze Smith, *Chevy Chase, Md.*
 Owen Telfair Smith, *Oyster Bay, N. Y.*
 Robert Alan Smith, *Long Beach, N. Y.*
 Barnett Michael Sneiderman, *Plainville, Conn.*
 Edward Bradley Speno, *Summit, N. J.*
 Robert William Spielman, *South Windsor, Conn.*
 Robert Frank Spitzmiller, *Buffalo, N. Y.*
 Isreal Chaim Stein, *Hartford, Conn.*
 Harold Eugene Strass, *East Hartford*
 John Billings Swift, *Brooklyn, N. Y.*

Reuben Chapman Taylor, III, *New Haven, Conn.*
 John Francis Thompson, *Meriden, Conn.*
 Anthony Campbell Thurston, *Cincinnati, Ohio*
 Asheton Carson Toland, *Wynnewood, Pa.*
 George Rosley Truscott, *Buffalo, N. Y.*
 Howard Alan Tubman, *New Rochelle, N. Y.*
 Laurence Colin Ward, *Princeton, N. J.*
 William Moulton Ward, *Nashville, Tenn.*
 Joseph Francis Wassong, *Thomaston, Conn.*
 Thomas William Webster, *East Haven, Conn.*
 Charles Bryant Frederick Weeks, *Highland Park, Ill.*
 Harold Larry Weil, *Wynnewood, Pa.*
 Lewis Joseph Weinstein, *Hartford*
 Robert Anthony Weiser, *Baltimore, Md.*
 Peter Whitbeck, *West Springfield, Mass.*
 Carl Jon Widing, *Newtown Square, R. D., Pa.*
 John Carl Wischenbart, *New Britain, Conn.*
 Christopher Quine Wright, *Hamden, Conn.*
 George Warren Wyckoff, *Laughlinton, Pa.*
 William Blodgett Yahn, *Bridgeport, Conn.*
 Bruce Alan Young, *Lakeland, Florida*
 Ira David Zinner, *Brooklyn, N. Y.*

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 Richard Hall Anderson, *Flushing, N. Y.*
 Robert Joseph Andreana, *Hartford*
 Emil David Arle, *Bristol, Conn.*
 Thomas Phillip Arvantly, *Thompsonville, Conn.*
 Jere Lehman Bacharach, *Great Neck, N. Y.*
 Richard Joseph Bajek, *Manchester, Conn.*
 Joseph John Balchunas, *New Britain, Conn.*
 Graham John David Balfour, *Hancock, N. H.*
 William Kennedy Barclay, *Gladwyne, Pa.*
 Malcolm Bohun Barlow, *Muncy, Penn.*

John Wheeler Bassett, *W. Englewood, N. J.*
 Hans Phillip Bauer, *Troy, N. Y.*
 Abbott Timothy Baum, *New York, N. Y.*
 Robert Guy Beaven, *Lynbrook, N. Y.*
 Raymond John Beech, *Vancouver, B. C., Canada*
 Charles William Bell, *Millburn, N. J.*
 Stewart Woodruff Bentley, *New York, N. Y.*
 Roland Throop Bergh, *Cedarhurst, N. Y.*
 Charles Arnold Bergmann, *South Orange, N. J.*
 Russell Freeman Bjorklund, *West Hartford*
 George Gilcrest Black, *Grosse Pointe Farms, Mich.*
 Adolph Jerome Bodine, *Binghamton, N. Y.*
 Richard Gardner Bowden, *Barrington, R. I.*

John Edward Bowers, *Bayside, N. Y.*
 Neboysha Ranko Brashich, *Flushing, N. Y.*
 Richard Arthur Bray, *Newington, Conn.*
 Sanford Alan Bredine, *Evanston, Ill.*
 Richard Mark Brenner, *Hartford*
 Charles Allen Bridley, *Scarsdale, N. Y.*
 Edward William Brink, *Bristol, Conn.*
 Joseph Arnold Broder, *Colchester, Conn.*
 Henry Sawyers Bromley, III, *Gladwyne, Pa.*
 Kenneth Roland Brown, *Dedham, Mass.*
 Reed Haller Brown, *Albany, N. Y.*
 Robert Owen Brush, *Bloomfield, Conn.*
 Charles Sherman Burger, *Webster Groves, Mo.*
 James Wilson Butler, *Hartford*
 Michael Clay Canaday, *Denmark, South Carolina*
 Alva Babcock Caple, *Rosssford, Ohio*
 Gary Casali, *Ipswich, Mass.*
 Edward Gould Chalker, *Chester, Conn.*
 David Whittier Chase, *Milford, Conn.*
 David Ira Chichester, *Baldwin, N. Y.*
 Joseph Michael Cimbara, *Danbury, Conn.*
 Edward Michael Cimilla, *New York, N. Y.*
 Stephen David Clahr, *New York, N. Y.*
 Carrington Clark, *Columbia, S. C.*
 Gordon Wilmer Clarke, *Hartford*
 Neil William Coogan, *Hartford*
 Lloyd McClure Costley, *Carlinville, Illinois*
 Stuart Platt Coxhead, *West Orange, N. J.*
 John Michael Cramer, *Carbondale, Penn.*
 William Burdette Crane, *Stamford, Conn.*
 Eugene Wesley Curry, *Springfield, Ill.*
 Martin Victor Dagata, *Plainville, Conn.*
 Francis Anthony D'Anzi, *Hartford*
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 Walter Richard Davy, *Broomall, Pa.*
 William Gaspard de Coligny, *Richmond, Va.*
 David Delbaum, *Brooklyn, N. Y.*
 Gerald Henry Dessner, *New York, N. Y.*
 Roger Noel Dickey, *North Haven, Conn.*
 Robert Lee Down, *Dunlap, Ill.*
 David Elliot Drapin, *Scarsdale, N. Y.*
 Erik Nilsson Dunlaevy, *Oyster Bay, N. Y.*

Roger David Emley, *Pottstown, Pa.*
 Arthur Olof Enquist, *Hartford*
 Raymond Anders Enstam, *Kensington, Conn.*
 Westmouth Eustis, *West Hartford, Conn.*
 Jerome Farnsworth, *Andover, Mass.*
 John West Felton, *Newagen, Me.*
 Courtland Delos Ferguson, II, *Bethesda, Md.*
 Michael Lee Filiurin, *Chestnut Hill, Mass.*
 David King FitzSimons, *Grosse Pointe Farms, Mich.*
 Aaron Fleischman, *Highland Park, Ill.*
 John Doyle Flynn, *Barrington, R. I.*
 James Clark Forman, *Williamsville, N. Y.*
 John Walter Foster, *Noroton, Conn.*
 Frederick Story Fox, *Haddonfield, N. J.*
 Brian Burns Foy, *Cleveland Heights, Ohio*
 Bruce Hill Frank, *Hartford*
 William David Frawley, *Brockton, Mass.*
 John David Friedman, *Brookline, Mass.*
 Birger Blade Gabrielson, *Naugatuck, Conn.*
 Conrad Driscoll Gage, *Geneva, Switzerland*
 Joseph Lloyd Gage, *Rosemont, Pa.*
 Donald John Galati, *Windsor, Conn.*
 James Keleher Gavin, *Longmeadow, Mass.*
 Louis Palmer Gerundo, *Wethersfield, Conn.*
 James Gendron Gibbs, *Charleston, S. C.*
 David Anthony Golas, *Manchester, Conn.*
 Malvin Goldberg, *Rocky Hill, Conn.*
 Allen David Goldhamer, *Shaker Heights, Ohio*
 Arnold Goldstein, *Hartford*
 Eugene Gifford Grace, *Ithan, Penna.*
 Arthur Jacob Green, *Rahway, N. J.*
 Walter Jackson Green, *Rutherford, N. J.*
 Raymond Vernon Greenlee, *Marshall, Ill.*
 Kenneth Greenwald, *New Rochelle, N. Y.*
 Thomas Scandratt Grubbs, *Pittsburgh, Pa.*
 Frank Robert Gudas, *Springfield, Ill.*
 Ernest Mudarri Haddad, *North Miami, Fla.*
 Richard Paul Hall, *Newport, R. I.*
 Robert Tom Hall, *Berlin, Conn.*
 David Martin Hammaker, *Winnetka, Ill.*

- Richard Donald Hanelius, *Collinsville, Conn.*
 Richard Clark Harland, *Pawcatuck, Conn.*
 Jon Michael Harrison, *Manchester, Conn.*
 Charles Morris Hawes, *Bronxville, N. Y.*
 James Marvin Haynes, *Washington, D. C.*
 Gustave Adolph Heckscher, *Devon, Pa.*
 Karl Willie Hochadel, *Hartford*
 Lyman MacNichol Hoover, *Scarsdale, N. Y.*
 William John Huffer, *Maritime, France*
 William Patterson Hunter, *Tuckerton, N. J.*
 Richard Douglas Irwin, *Lansdowne, Pa.*
 Frank Kincaid Jago, *Pennsauken, N. J.*
 William Croft Jennings, *Columbia, S. C.*
 Clifford Terry Johnson, *Newtown, Conn.*
 Milton Earle Johnson, *Hamden, Conn.*
 Robert Gregory Johnson, *Manchester, Conn.*
 John Charles Joseph, *Wilmette, Ill.*
 Lee Harry Kalchein, *Philadelphia, Pa.*
 Jonathan Keroes, *Long Beach, N. Y.*
 Charles Arthur Kimball, *Westwood, Mass.*
 Robert Stanley Kirk, *East Greenbush, N. Y.*
 Robert Leo Koehler, *Pacific Palisades, Calif.*
 Karl Peter Koenig, *Hamilton, N. Y.*
 Arthur Kotch, *Glenville, Conn.*
 George Piersol Kroh, *Kansas City, Mo.*
 John Dominique LaMothe, Jr., *Wilmington, Del.*
 Robert Edward Landry, *Collinsville, Conn.*
 Robert Carl Langen, *Bogata, N. J.*
 Robert Caswell Larsen, *Pelham Manor, N. Y.*
 Irving Howard La Valle, *New York, N. Y.*
 Stephen Michael Lazarus, *Brooklyn, N. Y.*
 Francis Thomas Lenihan, *Watch Hill, R. I.*
 David Benjamin Leaf, *Philadelphia, Pa.*
 Matthew Arnold Levine, *Philadelphia, Pa.*
 Michael David Lieber, *Pittsburgh, Pa.*
 Robert Frank Liepis, *Manchester, Conn.*
 Morris Lloyd, Jr., *Chestnut Hill, Pa.*
 Kenneth Joel Lyons, *Albany, N. Y.*
 Richard Erving Machol, *Hartford, Conn.*
- Charles Matthews Mackall, *Greenwich, Conn.*
 George Foster Mackay, *New York, N. Y.*
 Gordon Wheeler Martin, *New York, N. Y.*
 John Whittier Mason, *Milwaukee, Wis.*
 Norris McKee, *Northampton, Mass.*
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