

Preliminary Guide to the Fred John Beck Papers

MS 681



compiled by Staff of Manuscripts and Archives

July 1971

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Collection Overview

REPOSITORY: Manuscripts and Archives
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CALL NUMBER: MS 681

CREATOR: Beck, Fred John

TITLE: Fred John Beck papers

DATES: 1928-1971

PHYSICAL DESCRIPTION: 15.75 linear feet (17 boxes)

LANGUAGE: English

SUMMARY: The papers consist of departmental files, course notes, problems, examinations, student papers, correspondence, and student grade books, all relating to Fred Beck's teaching career at Yale University. In addition there is a small amount of material on his teaching elsewhere (ca. 1940-1945), texts of public lectures, grant materials, and miscellaneous writings.

ONLINE FINDING AID: To cite or bookmark this finding aid, please use the following link: <https://hdl.handle.net/10079/fa/mssa.ms.0681>

Requesting Instructions

To request items from this collection for use in the Manuscripts and Archives reading room, please use the request links in the HTML version of this finding aid, available at <https://hdl.handle.net/10079/fa/mssa.ms.0681>.

To order reproductions from this collection, please go to http://www.library.yale.edu/mssa/ifr_copy_order.html. The information you will need to submit an order includes: the collection call number, collection title, series or accession number, box number, and folder number or name.

Key to the container abbreviations used in the PDF finding aid:

b. box

Administrative Information

Conditions Governing Access

Student grades contained in Box 9 are restricted until January 1, 2046 as established by [Yale Corporation regulations](#).

Conditions Governing Use

Copyright status for collection materials is unknown. Transmission or reproduction of materials protected by U.S. Copyright Law (Title 17, U.S.C.) beyond that allowed by fair use requires the written permission of the copyright owners. Works not in the public domain cannot be commercially exploited without permission of the copyright owners. Responsibility for any use rests exclusively with the user.

Preferred Citation

Fred John Beck Papers. Manuscripts and Archives, Yale University Library.

Biographical / Historical

Fred John Beck (1904-): E.E., Polytechnic Institute of Brooklyn, 1925; Ph.D., Yale University, 1932; instructor, Electrical Engineering, Yale University, 1928-1936, assistant professor, 1936-1942, associate professor, 1942-1953, professor, 1953-1963, professor of Engineering and Applied Science, 1963-.

Scope and Contents

The Fred Beck Papers (17 boxes) have thus far been divided only into very general series; there has been no attempt made to arrange the material within each series. The only exceptions to this are the COURSE/NOTES and the PROBLEMS and EXAMS series, which have been arranged very roughly by course numbers. For related papers see also YRGs [23, 31, and 14].

Arrangement

Arranged in six series: I. Departmental Files. II. Subject Files. III. Student Papers and Student Correspondence. IV. Student Grade Books and Other Materials Relating to Grades. V. Course Notes. VI. Problems and Exams.

Collection Contents

Series I: Department Files, Circa 1950s-1971

This series contains minutes of various departmental and university committee meetings, and inner- and inter-departmental memos, form letters, and bulletins. Most of this material falls between 1965 and 1971, but some dates back to the 1950s. Also included in this series are: correspondence in reference to Sigma Chi, a science honorary fraternity; correspondence about departmental matters in general; the upkeep of the physical plant at the Engineering School; material about the Honeywell award; bursary material; Yale Studies for Returning Servicemen; miscellaneous topics similar to those listed above.

b.1	Departmental Files	Circa 1950s-1971
b.2	Departmental Files	Circa 1950s-1971
b.3	Departmental Files	Circa 1950s-1971

Series II: Subject Files, Circa 1940s-1950s

Included in this series are: notes for course Beck taught elsewhere (New Haven YMCA Junior College, ca. 1940-1945), honorary and public lectures by Beck; writings by Beck and others, material on the American Institute of Electrical Engineers; various grants and consulting jobs by Beck; topics of general interest to Beck. This material, unlike Series I, primarily seems to be from the 1940s and 1950s.

b. 4	Subject Files	Circa 1940s-1950s
b. 5	Subject Files	Circa 1940s-1950s
b. 6	Subject Files	Circa 1940s-1950s

Series III: Student Papers and Student Correspondence

This series, for the most part, consists of laboratory report books, copies of senior projects and Ph.D. dissertations. There also are some miscellaneous papers for various classes, published papers by former students, letters from several students discussing their dissertation progress, and ideas and problems that they are facing.

b. 7 Student Papers and Student Correspondence

b. 8 Student Papers and Student Correspondence

Series IV: Student Grade Books and Material Relating to Grades, Circa 1928-1970

This series consists of approximately 90 grade books from [1928-1929]-1970. Books which have no dates in them have been kept in the same order as Professor Beck had them. There are also 11 folders of grade lists and other materials related to grades. This includes a folder describing Ph.D dissertation requirements, as well as sample syllabi.

Student grades are restricted until January 1, 2046 as established by [Yale Corporation regulations](#).

b. 9

Student Grade Books and Material Relating to Grades

Circa 1928-1970

Series V: Course Notes

This series contains course and lecture notes, as well as problem sheets, for courses Beck taught at Yale. This material has been grouped by course number. Box 12 contains miscellaneous course material.

b. 10	Course Notes
b. 11	Course Notes
b. 12	Course Notes

Series VI: Problems and Exams

This series consists of mimeographed copies of engineering problems used in classes and examinations for the various courses. The material is arranged by course number.

b. 13	EE30 and EE40
b. 14	EE103, EE21, EE114
b. 15	EE H2, EE116, EE140, EE200, EE201, EE240, EE250
b. 16	EE1, EE23, EE31, EE35 (also miscellaneous and unidentified)
b. 17	Problem books (loose leaf) for various courses

Selected Search Terms

The following terms have been used to index the description of this collection in the Library's online catalog. They are grouped by name of person or organization, by subject or location, and by occupation and listed alphabetically therein.

Subjects

Educators
Engineering

Occupations

Engineers

Names

Beck, Fred John

Corporate Bodies

Yale University. Dept. of Electrical Engineering
Yale University -- Faculty