

11/7/22

Engineering

Industrial & Enterprise Systems Engineering

Jerry S. Dobrovolny Papers, 1947-2007

Box 1:

#### COURSE MATERIALS

Addition of engineering drafting to the curricula, 1960  
Beckman Institute booklet, ca. 1987  
CE 373 and 370 lecture notes, 1955-57  
CE 375, 1958-59  
CE 474, 1958  
College of Engineering Seminar and Discussion Calendar, 1962  
Computer-Aided Design Drafting course information, 1986  
Correspondence-Ruhl, 1986  
Correspondence-Illinois Power Company, 1987  
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Engineering drawing, undated  
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Engineering Philosophy and Methods seminar, 1952-53  
GE 100, undated  
GE 103/Excel, 1984-87  
GE 103 materials, 1961  
New Instructor Orientation for GE 103, 2006  
GE 104, undated  
GE 104, 1968-71  
GE 220 History of Engineering syllabus, 1960  
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GE 220 general outline, 1958  
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GE 220, E 250—Mag Arts, 1951-55  
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GE 220 notes, 1987  
Course outline GE 220, undated  
GE 221, undated  
GE 232, undated  
GE 241, undated, 1992  
GE 242, 1970-72  
GE 242 final oral report schedule, 1970  
GE 242 student projects, 1980-81  
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GE 250 8220, 1953-1960  
GE 250 ILL Academic year, 1954  
Correspondence—GE 250, 1953-60  
GE 250 outline and correspondence, 1953  
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GE 494-495 notebooks (nos. 1-4), 2006 **[RESTRICTED]**  
GE 494 student project: Design Analysis of Adhesive Spreaders and Roll Coaters, 2006  
GE Design Committee, 1967-68  
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Illinois Alumni News, 1987  
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Letters of recommendation and student correspondence (2 of 2), 1973-90  
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Mono notes [sic], undated  
Newspaper clippings, ca. 1980  
Registration assignments, 1959-61  
Research in General Engineering, 1971  
Research in General Engineering reports, 1980-88  
Research projects, 1955  
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Stiffness matrix, ca. 2002  
Student course materials: drawing, 1955  
University of Illinois Descriptive Geometry and Problem Specification for General Engineering Drawing, undated  
University of Illinois extramural and videotape courses, 1986-87

Box 3:

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Preliminary Proposal Technology Audit for Hydroline Manufacturing Co., 1987

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Administrative Activities, 1987  
Bachelor of Science Program in General Engineering, undated  
College of Engineering Alumni Reunion and Dean's Luncheon, 1987  
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Enrollment data, 1952-55  
Enrollment Nov. 1, 1949 to present, 1949-93  
Enrollment Prediction and space, 1960-70  
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Indian engineers visit, 1979  
Indiana's Technology Assistance Program, 1986  
Israeli engineers visit, 1975-78  
IU/FTE cost comparisons, 1975

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Lab Equipment Request, 1980-82  
Long Range Planning, 1971-84  
Master's Program – Technical Education, 1960-63  
Faculty Benefits and Taskforce  
Senate Self-Evaluation Committee, 1967  
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Faculty Benefits Task Force minutes, 1977  
Step Plan, 1976  
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Faculty Benefits Survey, 1977  
Employee data tables, 1977  
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Technical Education, ca. 1970  
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Vocational Education, 1964, 1971  
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An Approach to Curriculum Development, 1971  
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Box 5:

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Teacher Education, 1971  
Vocational Education, 1971  
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Agenda, Report of Executive Director, Treasurer's Report and Minutes (State of Illinois Advisory Council on Vocational Education), 1969  
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ISPE Executive Committee, 1976-1977  
Deans Meeting, 1982-84  
ISPE Convention Program, 1962

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ISPE 1975 Annual Conference, 1974-75  
ISPE Executive Committee and Illinois Engineering Deans, 1977  
NSPE – PEE, 1977  
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NSPE – Technical Information, ca. 1966-71 **[RESTRICTED]**  
NSPE – Professional Schools of Engineering, 1972-77  
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ISPE – Registration Law, 1964-86  
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“WomEngineer,” 1974  
NSPE, ISPE, and engineering societies' publications (1 of 3), 1964-88  
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ASCE – Engineering Technology Committee, 1973  
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Preliminary Proposal for Research on Civil Engineering Education, 1972  
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ASCE – Task Committee on Technician and Technology Education (TCT&TE)  
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Box 8:

GE Master’s Degree

Umbrella Program & Brochure, 1970-71  
Master Degree – Reply to March 11, 1968 Fenves Letter, 1968  
GE Master’s Degree Proposal, 1969-77  
M.S. Rewrite, 1975-77  
Off Campus GE M.S. Program, 1983-85  
Brochure – M.S. Degree (General Engineering), 1977-78  
Steering Committee, 1966-75

Copy MS Forwarded 3/31/76, 1976  
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Material Sent to College Faculty 2-18-76, 1975-76  
GE Master's Degree Program Info, 1966-86  
Developmental Program in Engineering Design Education, 1965, 1974

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Ford Foundation, 1965-75  
Ford Foundation Shop – Appendix A, ca. 1970  
A Proposal for the Development of an Educational Program in Integrated  
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Ford Foundation, First Annual Report, 1967  
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Chapter 3 Master of Science Degree, 1975, 1989

Box 9:

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Report of the Committee on Long Range Plans, 1962

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Report on Restivity Papers, 1950  
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Clinton County (Illinois State Academy of Science), 1953-54  
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Graphs: Present Duties of General Engineers, ca. 1960  
NICB-Ad. Coun. Mtl., ca. 1960  
Pictures [sic], ca. 1960  
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Letter to Wall 2-15-62 TI courses, 1962

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Meeting the Educational Needs of Technical Workers through Extension Courses, 1962  
Principles and Precedents in Engineering Design, 1962  
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Status of Engineering Graduates, 1962-86  
20<sup>th</sup> Reunion-Class of 1943, 1963



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Technical and engineering education, 1963-1968  
Dobrovolny Form 57 information, 1963-69 [RESTRICATED]  
AAJC-Journal Article, 1964  
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Engineering Tech. Correspondence-Teacher Prep., 1964-70  
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Machine Design clippings, 1965  
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Ray Page-Gen. Advis. Com., 1965-1969  
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Vocational, occupational, technical education (2 of 2), 1970-71  
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No Deposit, No Return: An Energy Analysis of Returnable vs. Throw-Away Container  
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Career education materials, ca. 1971  
Education brochures, 1971-1972  
National Advisory Council on Vocational Education, 1971-73  
Audits, 1971-1987  
Student Employment and Careers, 1971-87  
1944-1947 Class reunion, 1972  
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Chanute Technical Training Center Self-Study Report, 1972

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Course chart-Machinist, 1972  
Field Training Detachment-Upper Heyford, England, July 12-19, 1972  
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USAF School of Applied Aerospace Sciences evaluation report, 1972  
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William Rainey Harper college certificate of appreciation, 1972  
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Engineering education, 1972-77  
The Illinois Professional Engineering Act, 1972-73

Early CAD, 1972-1984  
North Central Association of Colleges and Secondary Schools, 1973  
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Illinois Governor's advisory Council on Manpower, 1974  
Invitation to the Commissioning of the US ship Valdez, 1974  
Office of the President-Elect Richard Nixon, 1974  
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4-yr. Technology Program, 1975  
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James F. Lincoln Arc Welding Foundation student awards, 1979  
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Report: Fabrication control in the Assembly of Lightweight Structures, 1980  
State funding for education, 1980  
Advanced Technology in Illinois, ca. 1980  
Five Year Survey Responses, 1980-81  
Daniel Drucker engineering education materials, 1981-82

Box 13:

CAD/CAM, 1982-83  
Calladine, 1982-95  
Application of Tensile Structures to Aircraft Runways feasibility study, 1983  
Runway ramp proposal, ca. 1984  
Graduate Students in General Engineering, 1983-84  
Conflict of interest correspondence, 1983-84 **[RESTRICTED]**  
Tarnai, 1983-2000  
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Champaign-Urbana Mass Transit District (2 of 2), 1985-87  
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National Science Foundation Mosaic, 1986  
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Illinois Manufacturer's Association, 1986-87  
University of Illinois General Engineering Materials, 1986-87  
Association of NROTC Colleges, 1986-90  
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The Bardeen-Cooper-Schrieffer Theory of Superconductivity at 50 conference program, 2007  
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The Log Duplex Decitrig manual, undated  
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Navy and NROTC descriptive materials, undated  
The New Bachelor of Science Degree Program for the Preparation of Teachers of Engineering Technology, undated  
Notebooks, undated  
Photograph slides, undated  
Photograph of equipment, undated  
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