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Construction Management Collection Development Policy

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Construction Management Collection Development Policy

University Libraries, University of Nebraska-Lincoln

Virginia Baldwin, December, 2009

Approved: CDC, December 16, 2009

I. GENERAL ACADEMIC PROGRAM INFORMATION

The Construction Management academic unit is located in Nebraska Hall on the UNL engineering Lincoln campus. The unit jointly facilitates construction undergraduate and graduate degree programs with Construction Systems on the UNL Omaha engineering campus which is housed by the Peter Kiewit Institute. Undergraduate options include commercial construction, highway/heavy construction, construction financing, construction marketing, construction design/development, residential construction, mechanical/electrical construction, design-build, and construction management.

GRADUATE PROGRAMS:

DOCTOR OF PHILOSOPHY (CONSTRUCTION):

The Doctor of Philosophy in Engineering has a construction Ph.D. specialization. This program is offered through the Charles W. Durham School of Architectural Engineering & Construction and is sponsored by Construction Management and Construction Engineering on the UNL College of Engineering's Lincoln and Omaha campus.

MASTER OF SCIENCE IN CONSTRUCTION:

The Master of Science (M.S.) in Construction is a research oriented advanced degree. The degree program is for individuals with a degree in engineering or management area who wish to acquire knowledge or skills for higher level technical or management work, and who want an introduction to graduate level research.

MASTER OF ENGINEERING (CONSTRUCTION):

The Master of Engineering program offers a unique blend of courses in construction, business management, engineering and law.

The program is oriented toward individuals who want to pursue advanced studies in construction with an emphasis on real-world applications.

The Master of Engineering in Construction degree requires that individuals applying have at least two years of experience in a construction or construction-related business or industry.

For policies and procedures, questions or comments about the Master of Engineering Degree in Construction at UNL, please contact: Dr. Wayne Jensen

The major research interests of the Department are Alternative Energy and Green Construction, Leadership in Energy and Environmental Design (LEED), High Performance Construction,

Construction safety, productivity, and measurement, construction law, labor/workforce demographics, and value engineering.

The following represents overlapping interests with other departments:

Agricultural Engineering Methods of construction, construction scheduling

Chemical Engineering Contracts and specifications

Civil Engineering Earthworks, foundations, contracts and specifications

Computer Science Construction scheduling

Electrical Engineering Wiring, lighting, power distribution, contracts and specifications

Engineering Mechanics Materials of construction

Industrial Engineering Work measurement, contracts and specifications

Mechanical Engineering Boilers and furnaces, HVAC, contracts and specifications

Geology Earthworks, foundations

The Department maintains close relations with the construction industry. It sponsors and participates in seminars and also provides consulting services.

The accrediting body for the Department is the American Council for Construction Education.

II. GEOGRAPHICAL COVERAGE

Geographical coverage includes North and South America, Europe, and Asia.

III. CHRONOLOGICAL COVERAGE

Materials dealing with the historical treatment of the subject are needed at all levels of intensity.

IV. IMPRINT DATE

Emphasis is on current imprints. Retrospective monographs are acquired when possible.

V. FORMAT/TYPE AND LEVEL OF MATERIALS

Most materials are acquired in the form of periodicals, monographs, and technical reports. Microfiche is the preferred format for technical report literature. A research level collection is maintained.

VI. LANGUAGES

English publications are preferred at all levels of intensity.

VII. SPECIAL FACTORS

Works by or about major architects, civil engineers, or professionals in other related fields are collected.

Older construction management materials are located in the Architecture Library. Newer construction management materials are located in the Engineering Library.

Selected publications of the following societies are acquired:

Aluminum Association

American Concrete Institute

American Institute of Architects

American Institute of Steel Construction

American Institute of Timber Construction

American Insurance Association

American Iron and Steel Institute

American Plywood Association

American Society of Civil Engineers

American Society for Testing and Materials

American Technical Society

Asphalt Institute

Associated General Contractors of America

Brick Institute of America

Building Officials and Code Administrators International

Building Research Advisory Board

Construction Specifications Institute

Copper Development Association

Illuminating Engineering Society

Institution of Civil Engineers

International Association of Plumbing and Mechanical Officials

International Conference of Building Officials

National Fire Protection Association

Southern Building Code Congress International.

The Superintendent of Documents, Government Printing Office, collection, in hardcopy or microformat, covers in part or wholly the following U.S. Government Departments or Agencies:

U.S. Atomic Energy Commission

U.S. Department of Energy

U.S. Environmental Protection Agency

U.S. Federal Energy Administration

U.S. National Aeronautics and Space Administration

U.S. National Institute for Occupational Safety and Health

U.S. Nuclear Regulatory Commission

Where Coverage is not complete, the balance of publications for an agency or department is located in most cases at Love Library.

The Engineering Library is a U.S. Patent and Trademark and Depository Library Program Library and the publications of the U.S. Patent and Trademark Office are included in the Engineering Library collection. All patent search aids that are provided by the U.S. Patent and Trademark Depository Library Program are retained.

Collections of federal standards and specifications are maintained as well as those of voluntary organizations such as the American National Standards Institute. Hardcopy is preferred.

VIII. CLASSIFICATION AND INTENSITY LISTING

(The following are listed by LC Class, Subject, and then by Intensity Level)

HD 4906-4932 RESEARCH

KF 801-902 Building and construction contracts RESEARCH

KF 2952-2928 Construction law RESEARCH

KF 3505 Construction Industry Labor Law RESEARCH

KF 3975 Fire prevention RESEARCH

KF 5701-5709 Building laws RESEARCH

NA 2728 Data processing. Computer-aided design RESEARCH

T 385 Computer-assisted drafting. Computer graphics, Including individual programs, e. g. AutoCAD RESEARCH

TA166-167 Human engineering RESEARCH

TA 368 Standards RESEARCH

TA 401-492 Materials of engineering and construction RESEARCH

TA 663-695 Design and construction in special materials RESEARCH

TD 883 Indoor Air Quality

TH Building construction RESEARCH all areas, particular emphasis on

TH 880 Sustainable buildings. Sustainable construction

TH 4860 Ecological houses

TJ163.5 Construction industry – Energy conservation

TK 260 Electrical codes RESEARCH

TK 4001-4101 Applications of Electric Power RESEARCH

TK 4125-4399 Electric lighting RESEARCH