

# Interior Design

*College of Science, Engineering & Technology*  
*Department of Interior Design & Construction*  
*Management*

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Web site: [www.mnsu.edu/dept/idcm](http://www.mnsu.edu/dept/idcm)

Chair: Scott Fee

Carl M. Egan, Ryan Langemeier, C. Michael Lindstrom

The mission of the Department of Interior Design and Construction Management is to provide preparation for diverse employment opportunities following completion of the degree program. It provides graduates with the essential tools and competency levels for design, construction, planning, or restoration managerial careers.

The Interior Design Emphases provide students with opportunities to gain comprehensive skills and knowledge in residential and commercial interior design or in historic restoration and preservation.

It is the intent of the Department of Interior Design and Construction Management to offer two separate BS degrees: (1) a BS in Construction Management with a General Emphasis or an Emphasis in Facilities Planning and Management; and (2) a BS in Interior Design with a General Emphasis or an Emphasis in Historic Restoration or Interior Design. The program division into two majors is currently pending MnSCU approval. Please contact the Department for information about courses required for the degree and Emphasis in which you are interested.

**Admission to Major** is granted by the College of Science, Engineering and Technology. Minimum University admission requirements are:

- A minimum of 32 earned semester credit hours.

- A minimum cumulative GPA of 2.00

Contact the CSET Advising Center for application procedures.

## INTERIOR DESIGN BS

### Core (50 credits):

IDCM 111	Intro to Design and Construction Management (2)
IDCM 216	Construction Methods (3)
IDCM 248	Contract Documents (2)
IDCM 250	Mechanical and Electrical Systems (3)
IDCM 280	Fundamentals of Interior Design (4)
IDCM 281	Architectural Graphics (4)
IDCM 282	Interior Design Portraiture (4)
IDCM 283	Interior Design Lighting and Color (4)
IDCM 361	History of the Decorative Arts I (4)
IDCM 362	History of the Decorative Arts II (4)
IDCM 372	Interior Design Resources (4)

IDCM 381	Interior Design Studio (4)
IDCM 482	Interior Design Studio IV (4)
IDCM 483	Procedures and Practices in Interior Design (4)

**Choose one of the following two Emphases, either INTERIOR DESIGN GENERAL or HISTORIC RESTORATION AND PRESERVATION:**

### INTERIOR DESIGN GENERAL EMPHASIS

**Required for Interior Design General Emphasis (20 credits):**

IDCM 382	Interior Design Studio II (4)
IDCM 383	Basic CAD for Design and Construction (4)
IDCM 480	Topics: I.D. Product Development (4)
IDCM 481	Interior Design Studio III (4)
IDCM 492	Seminar: I.D. Resource Seminar (1)
IDCM 498	Internship (3)

### Required Support Courses (14 credits):

Choose 14 credits from ART. Contact your advisor for appropriate course selection.

### Recommended General Education:

ANTH 101	Introduction to Anthropology (3)
BIOL 100	Our Natural World (4)
ENG 101	Composition (4)
FREN 101	Elementary French (5)
HIST 191 or 191W	United States Since 1877 (4)
MUS 120	Introduction to Music (3)
MATH 112	College Algebra (4)
PSYC 101	Psychology (4)
SPEE 101	Public Speaking (3)
URBS 100	Introduction to the City (3)

Completion of these General Education Courses does not entirely fulfill the GE requirements

### HISTORIC RESTORATION AND PRESERVATION EMPHASIS

**Required for Historic Restoration and Preservation Emphasis (35-36 credits):**

IDCM 215	Fundamentals of Estimating (3)
IDCM 413	Cost Estimating and Bidding (3)
IDCM 414	Computerized Est. & Bidding (3)
IDCM 445	Construction Systems Management (3)
IDCM 497	Internship (2)
IDCM 499	Individual Study (3)

### Required Support Courses (18-19 credits):

COMS 101	Introduction to Microcomputers (3)
BLAW 476	Construction and Design Law (3)
URBS 435	Downtown Revitalization (3)
URBS 437	Urban Heritage Preservation (3)
URBS 457	Economic Development (3)

### Choose one of the following:

HIST 190	United States to 1877 (4)
HIST 191	United States since 1877 (4)
HIST 450	Minnesota to 1880 (3)
HIST 451	Minnesota since 1880 (3)
HIST 470	American Frontier (4)

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THEA 464 Costume History (3)

**Recommended General Education:**

BIOL 201 Ecology and Human Society (3)  
ENG 101 Composition (4)  
GEOG 100 Elements of Geography (3)  
HIST 191 or 191W United States Since 1877 (4)  
PHIL 120 Introduction to Ethics (3)  
SOC 101 Introduction to Sociology (3)  
SPEE 100 Fundamentals of Speech Communication (3)  
URBS 100 Introduction to the City (3)

Completion of these General Education Courses does not entirely fulfill the GE requirements

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**POLICIES/INFORMATION**

**GPA Policy.** A minimum grade of "C" is required in all courses.

**P/N Grading Policy.** All courses in the major must be taken for letter grade except where P/N is the only option.

For interior design students, the department reserves the right of acquisition and exhibition of work completed in the studios under the guidance of the interior design faculty.

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**COURSE DESCRIPTIONS**

**IDCM 111 (2) Introduction to Interior Design & Construction Management**

Overview of academic preparation and career opportunities in the fields of: Construction Management; Facilities Planning and Management; Historic Restoration and Preservation; and Interior Design.

**IDCM 215 (3) Fundamentals of Estimating**

Covers principles of quantity takeoff including identification of symbols and trigonometric computations of materials from construction blueprints. Includes commercial and residential types of construction plans.

Pre or coreq: MATH 115, IDCM 111 and 281

**IDCM 216 (3) Construction Methods**

Processes utilized in material handling and installation are examined for their effect on managing design and construction projects. Scheduling concepts are studied for patterns to yield higher productivity in the project management process.

Pre or coreq: IDCM 111

**IDCM 248 (2) Contract Documents**

Basic understanding of the plans and specifications for construction projects. Emphasis on interpretation of bidding and contractual documents, conditions of the contract, technical specifications, quantity takeoffs, and the plans/working drawings.

Pre or coreq: IDCM 111 and 281

**IDCM 250 (3) Mechanical & Electrical Systems**

Design concepts of heating, plumbing, electrical and control systems are analyzed for attributes that effect the design and construction processes and the performance of completed structures.

Pre or coreq: IDCM 111

**IDCM 280 (4) Fundamentals of Interior Design**

Introduction to the elements and principles of design and their application within residential and commercial interior environments.

**IDCM 281 (4) Architectural Graphics**

For contractors and designers working in a collaborative process. Emphasis on plan design reading, introduction to architectural hand drafting, architectural symbols, vocabulary, lettering and three-dimensional illustration techniques.

**IDCM 282 (4) Interior Design Portraiture**

An introduction to the principles of interior portraiture including techniques for the creation of three-dimensional design illustrations, color illustration techniques, and presentation formats.

Pre: IDCM 280 and 281

**IDCM 283 (4) Interior Design Lighting & Color**

Study of lighting and color principles and theories as major tools in the design of human environments through research, study, and actual problem solving.

Pre: IDCM 280, 281, 282

**IDCM 361 (4) History of the Decorative Arts I**

A history of the Decorative Arts from Prehistoric human development to the European Design Periods, with appropriate historical architectural study.

**IDCM 362 (4) History of the Decorative Arts II**

A history of the Decorative Arts including American Primitive through Victorian and Mid-19th century through current contemporary design developments, with appropriate historical architectural study.

**IDCM 372 (4) Interior Design Resources**

Methods and materials for the design of interior environments. Investigation of residential and commercial materials and product lines.

**IDCM 381 (4) Interior Design Studio I**

Emphasis on the design of large scale residential environments to include investigation of resources and specialty design projects. Portfolio review will follow.

Pre: IDCM 280, 281, 282, 283, 361, and 362

**IDCM 382 (4) Interior Design Studio II**

Design of commercial environments emphasizing restaurants, including specialized kitchen and barrier-free design. Scale-model presentation techniques will be explored.

Pre: IDCM 381

**IDCM 383 (4) Basic Computer Aided Drafting for Design and Construction**

Provides a basic foundation for computer-aided

drafting using 200i AutoCAD from Autodesk, Inc. Course includes a hands-on lab designing floor plans, elevations, sections, details, specifications to furnishings, reflected ceiling plans, power plans and isometrics. The focus is on the construction and design professions.

#### **IDCM 413 (3) Cost Estimating & Bidding**

Advanced application of procedures and theory in formulating estimates on highway, grading and utility projects. Study includes job selection, estimating production, compilation of costs, the final preparation of bids, and ethics in estimating and bidding.

Pre: IDCM 215, 216, 248 and 311 (Pre 311 waived for FR & M and HR & P)

#### **IDCM 414 (3) Computerized Estimating & Scheduling**

The process of construction estimating is extended by the use of computers together with specialized construction software packages to increase job productivity. Software utilized includes commonly used packages in the construction industry on workstations.

Pre: IDCM 311; COMS 101 or equivalent; ACCT 210 (Pre 311 waived for FP & M and HR & P)

#### **IDCM 445 (3) Construction Systems Management**

This course encompasses an overview of the operations of a firm relevant to strategic management. Identified and analyzed are the positions and roles of construction management personnel and their interrelationship with key individuals external to the company. Global issues impacting management are discussed.

Pre: IDCM 413 (or concurrently), ACCT 210

#### **IDCM 480 (4) Topics: Interior Design Product Development**

Exploration of selected design topics in interior design and related industries emphasizing product design, research, and development.

Pre: IDCM 281, 282, 361, and 362

#### **IDCM 481 (4) Interior Design Studio III**

Emphasis on the design of large scale commercial environments with an emphasis on systems planning and the investigation of contract resources. Projects require the schematic development of private and public space.

Pre: IDCM 381 and 382 (PRE waived for FP & M)

#### **IDCM 482 (4) Interior Design Studio IV**

Comprehensive Senior Design Thesis. Large scale environment to include all design aspects of previous courses of study with a segment on Institutional Design.

Pre: IDCM 480 and 481 (PRE waived for HR & P)

#### **IDCM 483 (4) Procedures & Practices in Interior Design**

Business practices for the Interior Designer including design contracts, business forms, coordination of

documents, and professional ethics. Professional portfolio development through analysis and objective critique. Senior standing.

Pre: IDCM 381 and 382

#### **IDCM 490 (1-4) Workshop: Interior Design & Construction Management**

Exploration of techniques, technology and theories relating to design and construction industries. Course may be repeated for credit as content changes.

#### **IDCM 491 (1-6) In-Service: Interior Design & Construction Management**

Advanced study into current developments in design and construction related industries, professional orientation, and affiliations. Course may be repeated for credit as topics change.

#### **IDCM 492 (1-4) Seminar: Interior Design & Construction Management**

#### **IDCM 497 (1-10) Internship:**

#### **IDCM 498 (1-6) Internship: Interior Design**

Supervised work experience in design or design related field within private business, industry or a government agency.

#### **IDCM 499 (1-4) Individual Study**

An in-depth study on a topic of particular interest to the student. Project must be approved by project supervisor and department chairperson.