

CURRICULUM COMMITTEE
January 11, 2013
Minutes

Members Present: Susan Burks, Craig Clifton, Tamara Clunis, Matt Craig, Kim Davis, Matthew Goodman, Kim Hays, Alan Kee, Judy Massie, Jerry Moller, Mark Usnick, Kathy Wetzel, Lyndy Wilkinson

Members Absent: Bob Austin, Diane Brice, Danita McAnally, Carol Moore, Jason Norman, Mark Rowh

Others Present: Kristin McDonald-Willey

ARTS & SCIENCES
Drafting

Tony Thomas submitted a request to delete the following courses from the course inventory:

- DFTG 2336-Computer Aided Drafting Programming.
- DFTG 2350-Geometric Dimensioning and Tolerancing
- DFTG 2327-Landscape Drafting

Add the following courses to the course inventory:

- DFTG 1417: Architectural Drafting – Residential
Architectural drafting procedures, practices, terms and symbols. Preparation of detailed working drawings for residential structures. Emphasis on light frame construction methods.
(4 sem hrs; 2 lec, 4 lab)
Learning Outcomes:
Utilize architectural terms, symbols, residential construction materials, and processes to produce a set of residential construction drawings including site plan, floor plan, elevations, wall sections, schedules, details, and foundation plan using reference materials.
- DFTG 2328 – Architectural Drafting – Commercial
Architectural drafting procedures, practices, governing codes, terms and symbols including the preparation of detailed working drawings for a commercial building with emphasis on commercial construction methods.
(3 sem hrs; 2 lec, 2 lab)
Learning Outcomes:
Apply commercial construction materials and processes; produce a set of commercial construction drawings including a site plan, floor plans, reflected ceiling plan, sections, elevations, schedules and details.

- DFTG 2400 – Intermediate Architectural Drafting-Residential
Continued application of principles and practices used in residential construction.
(4 sem hrs; 2 lec, 4 lab)
Learning Outcomes:
Define the principles of design and implementation of advanced residential construction; incorporate site and environmental considerations in planning a residential development; select materials; apply codes and standards in the creation of construction drawings; and write specifications.
- ARCE 1321-Architectural Illustration
Architectural drawing and sketching. Emphasizes architectural structures in 3-D or pictorially either by hand or computer software.
(3 sem hrs; 2 lec, 2 lab)
Learning Outcomes:
Create three-dimensional representations of architectural structures; use various rendering techniques to establish shading and texture; produce presentation architectural renderings.
- ARCE 1303 – Materials and Methods of Construction
Properties, specifications, vendor references and uses of materials as related to architectural systems of structures.
(3 sem hrs; 2 lec, 2 lab)
Learning Outcomes:
Identify the characteristics of standard construction materials; describe their application in the construction industry.

Make the following changes to the Drafting AAS (DFTG.AAS) degree:

- Delete ENGR 1304: Engineering Graphics
- Reduce the Major Course Requirements from 36 to 25 Semester Hours and add the following courses:
 - DFTG 1417: Architectural Drafting – Residential
 - DFTG 2328: Architectural Drafting – Commercial
 - INDS 2321: Presentation Drawing
- Add a General Drafting Option, which includes the following courses:
 - DFTG 1333: Mechanical Drafting
 - DFTG 1370: Microstation I
 - DFTG 1372: Microstation II
 - DFTG 1345: Parametric Modeling and Design
 - DFTG 2332: Advanced Computer-Aided Drafting
 - DFTG 2340: Solid Modeling/Design
 - Choose 12 hours from the following:
 - DFTG 1358: Electrical/Electronics Drafting
 - DFTG 1376: Rendering
 - DFTG 1391: Special Topics in Drafting

- DFTG 2323: Pipe Drafting
- INDS 2330: Interior Design Building Systems
- ARCE 1303: Materials and Methods of Construction
- INDS 2315: Lighting for Interior Designers
- INDS 2310: Kitchen and Bath Design
- ARCE 1321: Architectural Illustration
- Add an Interior Architecture Option, which includes the following courses:
 - ARCE 1321: Architectural Illustration
 - INDS 2330: Interior Design Building Systems
 - INDS 2310: Kitchen and Bath Design
 - ARCE 1303: Materials and Methods of Construction
 - DFTG 2400: Intermediate Architectural Design – Residential
 - INDS 1351: History of Interiors I
 - INDS 1352: History of Interiors II
 - INDS 2307: Textiles for Interior Design
 - INDS 2315: Lighting for Interior Designers
 - INDS 2325: Professional Practices for INDS
- Increase the total from 63 to 70-71 semester hours

Make the following changes to the Drafting Technician Certificate (DFTG.CERT.DT):

- Delete INDS 2313: Residential Design I
- Add the following courses:
 - DFTG 1417: Architectural Drafting – Residential
 - DFTG 2338: Architectural Drafting – Commercial
 - INDS 1311: Fundamentals of Interior Design
- Increase total from 30 to 37 semester hours

Add a 25 semester hour Architectural Drafting Technician Certificate (DFTG.CERT.ADT), including:

Provides drafting, design and illustration skills to assist student in technical careers in architectural drafting. Emphasis is on residential and commercial architecture.

- DFTG 1305: Technical Drafting
- DFTG 1309: Basic Computer-Aided Drafting
- DFTG 2319: Intermediate Computer-Aided Drafting
- INDS 1311: Fundamentals of Interior Design
- INDS 2321: Presentation Drawing
- ARCE 1321: Architectural Illustration
- DFTG 1417: Architectural Drafting – Residential
- DFTG 2328: Architectural Drafting – Commercial

Usnick moved, seconded by Goodman to approve all recommended changes to the Drafting program. The motion carried.

Geology

Emery Shier submitted a teach-out plan for the Geology AS (GEOL.AS) degree deactivation.

Craig moved, seconded by Hays to approve the teach-out plan for the Geology program. The motion carried.

Interior Design

Ann Fry submitted a teach-out plan for the deactivation of the Interior Design AAS (INDS.AAS), Interior Design Certificate (INDS.CERT) and Interior Design Professional Certificate (INDS.CERT.PRO).

Hays moved, seconded by Wetzel to approve the teach-out plan of the Interior Design program. The motion carried.

Curriculum Revision Request

Division: Arts & Sciences

Department/Program: Drafting

Prepared by: Tony Thomas

Request:

1. Delete the following courses to the course inventory:
 - DFTG 2336: Computer Aided Drafting and Programming
 - DFTG 2350: Geometric Dimensioning and Tolerancing
 - DFTG 2327: Landscape Drafting
2. Add the following courses to the course inventory:
 - DFTG 1417: Architectural Drafting – Residential
 - DFTG 2328: Architectural Drafting – Commercial
 - DFTG 2400: Intermediate Architectural Drafting – Residential
 - ARCE 1321: Architectural Illustration
 - ARCE 1303: Materials and Methods of Construction
3. Update the Drafting AAS degree to include a General Drafting Option and an Interior Architecture Option.
4. Update the Drafting Technician Certificate
5. Add an Architectural Drafting Technician Certificate

Rational/Justification: Required for the incorporation of the Interior Architectural options within the Drafting program.

Effects of Revisions:

- | | |
|-------------------------------------|------|
| A. Faculty & Staff Requirements: | None |
| B. Equipment/Facility Requirements: | None |
| C. Location: | N/A |
| D. Income projections: | N/A |

Effective Date: Fall 2013

Classes to be deleted from Inventory:

- DFTG 2336-Computer Aided Drafting Programming. (last taught Fall 2007)
- DFTG 2350-Geometric Dimensioning and Tolerancing (never taught)
- DFTG 2327-Landscape Drafting (last taught Spring 2007)

Classes to be added to Inventory:

DFTG 1417: Architectural Drafting – Residential

Architectural drafting procedures, practices, terms, and symbols. Preparation of detailed working drawings for residential structures. Emphasis on light frame construction methods.

(4 sem hrs; 2 lec, 4 lab)

\$10 fee

Learning Outcomes:

- Utilize architectural terms, symbols, residential construction materials, and processes to produce a set of residential construction drawings including site plan, floor plan, elevations, wall sections, schedules, details, and foundation plan using reference materials.

DFTG 2328 – Architectural Drafting – Commercial

Architectural drafting procedures, practices, governing codes, terms and symbols including the preparation of detailed working drawings for a commercial building with emphasis on commercial construction methods.

(3 sem hrs; 2 lec, 2 lab)

\$10 fee

Learning Outcomes:

- Apply commercial construction materials and processes; Produce a set of commercial construction drawings including a site plan, floor plans, reflected ceiling plan, sections, elevations, schedules and details.

DFTG 2400 – Intermediate Architectural Drafting-Residential

Continued application of principles and practices used in residential construction.

(4 sem hrs; 2 lec, 4 lab)

\$10 fee

Learning Outcomes:

- Define the principles of design and implementation of advanced residential construction;
- Incorporate site and environmental considerations in planning a residential development;

- Select materials;
- Apply codes and standards in the creation of construction drawings; and write specifications.

ARCE 1321-Architectural Illustration

Architectural drawing and sketching. Emphasizes architectural structures in 3-D or pictorially either by hand or computer software.

(3 sem hrs; 2 lec, 2 lab)

Learning Outcomes:

- Create three-dimensional representations of architectural structures;
- Use various rendering techniques to establish shading and texture;
- Produce presentation architectural renderings.

ARCE 1303 – Materials and Methods of Construction

Properties, specifications, vendor references and uses of materials as related to architectural systems of structures.

(3 sem hrs, 2 lec, 2 lab)

Learning Outcomes:

- Identify the characteristics of standard construction materials;
- Describe their application in the construction industry.

Current

Drafting AAS (DFTG.AAS)

General Education Requirements (15 Semester Hours)

Communications - 6 Hours

Speech

ENGL 1301 - Composition I

Mathematics/Natural Science - 3 Hours

MATH 1314 - College Algebra

Social/Behavioral Sciences - 3 Hours

Humanities/Fine Arts - 3 Hours

Major Course Requirements (36 Semester Hours)

DFTG 1309 - Basic Computer-Aided Drafting

DFTG 1333 - Mechanical Drafting

DFTG 1370 - Microstation I

DFTG 1372 - Microstation II

DFTG 1345 - Parametric Modeling and Design

DFTG 2319 - Intermediate Computer-Aided Drafting

DFTG 2332 - Advanced Computer-Aided Drafting

DFTG 2338 - Final Project-Advanced Drafting

DFTG 2340 - Solid Modeling/Design

INDS 1311 - Fundamentals of Interior Design

INDS 2313 - Residential Design I

Choose One from the Following:

DFTG 1305 - Technical Drafting

~~ENGR 1304 - Engineering Graphics~~

Major Course Options (12 Semester Hours)

Choose 4 of the following courses:

DFTG 1358 - Electrical/Electronics Drafting

DFTG 1376 - Rendering

DFTG 1391 - Special Topics in Drafting

DFTG 2321 - Topographical Drafting

DFTG 2323 - Pipe Drafting

DFTG 2327 - Landscape Drafting

DFTG 2336 - Computer-Aided Drafting Programming

DFTG 2350 - Geometric Dimensioning and

Tolerancing

INDS 1345 - Commercial Design I

INDS 2317 - Rendering Techniques

INDS 2330 - Interior Design Building Systems

INDS 1315 - Materials, Methods and Estimating

INDS 1341 - Color Theory and Application

INDS 2315 - Lighting for Interior Designers

Total (63 Semester Hours)

Proposed (Totals 70 hours)

Drafting AAS (DFTG.AAS)

General Education Requirements (15 Semester Hours)

Communications - 6 Hours

Speech

ENGL 1301 - Composition I

Mathematics/Natural Science - 3 Hours (choose 1)

MATH 1314 - College Algebra or MATH 1324 -

Business Math or MATH 1332 - Contemporary Math

Social/Behavioral Sciences - 3 Hours

Humanities/Fine Arts - 3 Hours

Major Course Requirements (25 Semester Hours)

DFTG 1305 - Technical Drafting

DFTG 1309 - Basic Computer-Aided Drafting

DFTG 2319 - Intermediate Computer-Aided Drafting

DFTG 2338 - Final Project-Advanced Drafting

INDS 1311 - Fundamentals of Interior Design

DFTG 1417 - Architectural Drafting -Residential

DFTG 2328 - Architectural Drafting - Commercial

INDS 2321 - Presentation Drawing

General Drafting Option (30 hours)

DFTG 1333 - Mechanical Drafting

DFTG 1370 - Microstation I

DFTG 1372 - Microstation II

DFTG 1345 - Parametric Modeling and Design

DFTG 2332 - Advanced Computer-Aided Drafting

DFTG 2340 - Solid Modeling/Design

Choose 12 Hours From the Following:

DFTG 1358 - Electrical/Electronics Drafting

DFTG 1376 - Rendering

DFTG 1391 - Special Topics in Drafting Course

DFTG 2323 - Pipe Drafting Course

INDS - 2330 Interior Design Building Systems

ARCE -1303 Materials and Methods of Construction

INDS - 2315 Lighting for Interior Designers

INDS - 2310 Kitchen and Bath Design

ARCE 1321 - Architectural Illustration

Interior Architecture Option (31 Hours)

ARCE 1321 - Architectural Illustration

INDS - 2330 Interior Design Building Systems

INDS - 2310 Kitchen and Bath Design

ARCE 1303 - Materials and Methods of Construction

DFTG 2400- Intermed. Arch Design Residential

INDS 1351 - History of Interiors I

INDS1352 - History of Interiors II

INDS 2307 - Textiles for Interior Design

INDS 2315 - Lighting for Interior Designers

INDS 2325 - Professional Practices for INDs

Current

Drafting Technician Certificate (DFTG.CERT.DT)

Major Course Requirements (30 Semester Hours)

DFTG 1305 – Technical Drafting
DFTG 1309 - Basic Computer-Aided Drafting
DFTG 1333 – Mechanical Drafting
DFTG 1370 - Microstation I
DFTG 1372 - Microstation II
DFTG 1345 - Parametric Modeling and Design
DFTG 2319 - Intermediate Computer-Aided Drafting
DFTG 2332 - Advanced Computer-Aided Drafting
DFTG 2340 - Solid Modeling/Design
~~INDS 2313 – Residential Design I~~

New Degree, No existing

Proposed

Drafting Technician Certificate (DFTG.CERT.DT)

Major Course Requirements (37Semester Hours)

DFTG 1305 - Technical Drafting
DFTG 1309 - Basic Computer-Aided Drafting
DFTG 1333 – Mechanical Drafting
DFTG 1370 - Microstation I
DFTG 1372 - Microstation II
DFTG 1345 - Parametric Modeling and Design
DFTG 2319 - Intermediate Computer-Aided Drafting
DFTG 2332 - Advanced Computer-Aided Drafting
DFTG 2340 - Solid Modeling/Design
DFTG 1417 – Architectural Drafting -Residential
DFTG 2338 – Architectural Drafting – Commercial
INDS 1311 - Fundamentals of Interior Design

Drafting- Architectural Drafting Technician Drafting Tech (DFTG.CERT.ADT)

Major Course Requirements (25Semester Hours)

DFTG 1305 - Technical Drafting
DFTG 1309 - Basic Computer-Aided Drafting
DFTG 2319 - Intermediate Computer-Aided Drafting
INDS 1311 - Fundamentals of Interior Design
INDS 2321 – Presentation Drawing
ARCE 1321 – Architectural Illustration
DFTG 1417 – Architectural Drafting – Residential
DFTG 2428 – Architectural Drafting - Commercial

Curriculum Revision Request**Division:** Arts and Sciences**Department / Program:** Physical Science**Prepared By:** Emery Shier**Request**

- a. At the February 2012 Curriculum Committee meeting, Geology was deactivated as a major due to very low graduation numbers (the last 8 graduates range from 1974 to 2001). In order to ensure that students who have expressed an interest in Geology are aware of their options, they will be contacted by Dr. Richard Hobbs (Geology Professor) or Emery Shier (Program Coordinator) and informed of the following: 1) Geology is not a current major, but they may declare any major from a catalog within 5 years as long as they are continuously enrolled. 2) The GEOL designation is remaining and the classes will still be taught as before, just the option to major in GEOL is no longer available (except as in #1).
- b.
- c.
- d.

Rationale / Justification:**Effects of Revisions****A. Faculty & Staff Requirements:****B. Equipment/Facility Requirements:****C. Location:****D. Income projections:****Effective Date:**

Curriculum Revision Request

Division: Arts and Sciences

Department / Program: Interior Design

Prepared By: Jerry Moller

Request

- a. At the November 30, 2012 Curriculum Committee meeting the Interior Design degree and certificate program was deactivated effective Spring semester 2013. To ensure a smooth deactivation process the following will be implemented: 1). Students will be advised by the department chair, department coordinator, faculty and department advisor of intent to close the program. 2). Students will be provided a three year teach-out plan outlining appropriate options to complete their certificate or AAS degree. 3). The Interior Design program will be deactivated, however, many of the INDS courses will remain in the institution's course inventory. The Drafting program will submit curriculum revisions at the January 11, 2013 Curriculum Committee for consideration that will incorporate INDS courses into the Drafting certificate and AAS degree program. 4). Students will have the opportunity to complete the INDS certificate and AAS program without incurring additional cost beyond that of prescribed tuition and fees outlined in the institution's catalog. 5). INDS faculty will continue to teach INDS courses as a part of the teach-out process and will also teach INDS courses required in the Drafting program. The current INDS coordinator/faculty member will also serve as a First Year Seminar instructor.

b.

c.

d.

Rationale / Justification:

Effects of Revisions

A. Faculty & Staff Requirements:

B. Equipment/Facility Requirements:

C. Location:

D. Income projections:

Effective Date: