

Term Information

Effective Term Autumn 2020
Previous Value Summer 2012

Course Change Information

What change is being proposed? (If more than one, what changes are being proposed?)

Course number, title, description, course goals.

What is the rationale for the proposed change(s)?

In our current program there are five different graphics courses: 5261, 5262, 5263.01, 5263.02 and 5263.03. This proposal redistributes content and learning goals over two full-semester courses: 5305-Painting and Drawing for Theatre, and 5210-Drafting and Modeling for Theatre. These are cross-disciplinary and cover nearly all of the same learning goals. The remaining goals and more advanced graphics techniques are covered in existing discipline-specific design courses. The change to course number and title better reflect the content of the course and its place in our curriculum.

What are the programmatic implications of the proposed change(s)?

(e.g. program requirements to be added or removed, changes to be made in available resources, effect on other programs that use the course)?

Adjustments to required coursework for the Masters of Fine Arts (Design) program.

Is approval of the request contingent upon the approval of other course or curricular program request? Yes

Please identify the pending request and explain its relationship to the proposed changes(s) for this course (e.g. cross listed courses, new or revised program)

The revision to the Master of Fine Arts program, which incorporates the revised course into program requirements, was also submitted for approval in December 2019.

Is this a request to withdraw the course? No

General Information

Course Bulletin Listing/Subject Area	Theatre
Fiscal Unit/Academic Org	Theatre - D0280
College/Academic Group	Arts and Sciences
Level/Career	Graduate, Undergraduate
Course Number/Catalog	5210
<i>Previous Value</i>	<i>5261</i>
Course Title	Drafting & Modeling for Theatre
<i>Previous Value</i>	<i>Theatre Graphics I</i>
Transcript Abbreviation	Drafting/Modeling
<i>Previous Value</i>	<i>Graphics 1</i>
Course Description	An introduction to digital drafting and modeling techniques with an emphasis on design for theatre production; exploration of CAD drafting in 2D and 3D as well as 3D modeling and rendering; enlisting different software applications and methods of integrating them.
<i>Previous Value</i>	<i>An examination of drafting techniques and graphics presentation in relation to theatre design and technology, with an emphasis on 2D environments.</i>
Semester Credit Hours/Units	Fixed: 3

Offering Information

COURSE CHANGE REQUEST
5210 - Status: PENDING

Last Updated: Vankeerbergen, Bernadette
Chantal
01/08/2020

Length Of Course	14 Week, 12 Week
Flexibly Scheduled Course	Never
Does any section of this course have a distance education component?	No
Grading Basis	Letter Grade
Repeatable	No
Course Components	Lecture
Grade Roster Component	Lecture
Credit Available by Exam	No
Admission Condition Course	No
Off Campus	Never
Campus of Offering	Columbus

Prerequisites and Exclusions

Prerequisites/Corequisites

Exclusions

[Previous Value](#) Not open to students with credit for 621.01

Electronically Enforced No

Cross-Listings

Cross-Listings

Subject/CIP Code

Subject/CIP Code	50.0502
Subsidy Level	Doctoral Course
Intended Rank	Senior, Masters, Doctoral
Previous Value	Senior, Masters

Requirement/Elective Designation

Required for this unit's degrees, majors, and/or minors

The course is an elective (for this or other units) or is a service course for other units

Course Details

Course goals or learning objectives/outcomes

- Examine drafting and modeling techniques.
- Understand and develop a facility for creating typical design drawings.
- Explore and use modeling as a tool for creating and communicating dimensional and spatial design ideas.

[Previous Value](#)

COURSE CHANGE REQUEST
5210 - Status: PENDING

Last Updated: Vankeerbergen, Bernadette
Chantal
01/08/2020

- Content Topic List**
- AutoCAD
 - Autodesk
 - Sketchup
 - Drafting
 - Rendering
 - Modeling
 - CAD
 - Design
 - 2D
 - 3D

- Previous Value*
- *Theatre*
 - *Drafting*
 - *Graphics*
 - *Presentation*
 - *2D*

Sought Concurrence No

- Attachments**
- Theatre 5210 Syllabus.pdf: Theatre 5210 Syllabus
(Syllabus. Owner: Kelly, Logan Paige)

Comments

Workflow Information

Status	User(s)	Date/Time	Step
Submitted	Kelly, Logan Paige	12/03/2019 04:03 PM	Submitted for Approval
Approved	Kelly, Logan Paige	12/03/2019 04:21 PM	Unit Approval
Approved	Heysel, Garrett Robert	01/08/2020 10:04 AM	College Approval
Pending Approval	Jenkins, Mary Ellen Bigler Hanlin, Deborah Kay Oldroyd, Shelby Quinn Vankeerbergen, Bernadette Chantal	01/08/2020 10:04 AM	ASCCAO Approval

<p>TERM:</p> <p>CREDITS: 3</p> <p>LEVEL: G/U</p> <p>CLASS TIME: TR 9:35-10:55am</p> <p>LOCATION: Drake 1112</p>	<p>INSTRUCTOR: Brad Steinmetz</p> <p>OFFICE: Drake 082</p> <p>OFFICE EMAIL: steinmetz.25@osu.edu</p> <p>OFFICE PHONE: 614-688-3751</p> <p>OFFICE HOURS: W 1:30-3:00 F 9:00-10:30</p>
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LEARNING OBJECTIVES: Examine drafting and modeling techniques in relation to theatre design and technology. Understand and develop a facility for creating typical theatre drawings: ground plans, sections, elevations and detail drawings. Explore and use modeling as a tool for creating and communicating dimensional and spatial design ideas.

TEACHING METHOD: lecture, demonstration, exercises, lab practice

REQUIRED SUPPLIES:

Architects Scale Rule
Portable USB Drive

RECOMMENDED TEXTS & SUPPLIES:

AutoCAD software	http://goo.gl/xTTzzT
SketchUp Pro software	http://goo.gl/XrJv9p
<i>Drafting for the Theatre</i> by Dennis Dorn and Mark Shanda	http://isbn.nu/9780809330379
<i>Designer Drafting and Visualizing...</i> by Tine & Woodbridge	http://isbn.nu/9780240818917
<i>The Backstage Handbook</i> by George Chiang & Paul Carter	http://isbn.nu/9780911747393

GRADING: Projects will be judged on completeness, clarity of presentation, accuracy and appearance.

Lines & Shapes Exercise	5%	
Orthographic Exercise.....	5%	
Dimensioning Exercise	5%	
Technical Drawing Exercise.....	10%	
R&J Drafting Project.....	20%	
3D Orthographic Exercise	5%	
Sketchup Exercise	5%	
Furniture Model.....	5%	
Design Recreation	10%	
Final Design Model.....	15%	
Final Design Package.....	15%	
Total	100%	

Grading Scale:		
93 - 100.0	A	
90 - 92.9	A-	
87 - 89.9	B+	
83 - 86.9	B	
80 - 82.9	B-	
77 - 79.9	C+	
73 - 76.9	C	
70 - 72.9	C-	
67 - 69.9	D+	
60 - 66.9	D	
0 - 59.9	E	

COURSE ASSIGNMENTS:

LINES & SHAPES EXERCISE (5%) – Replicate a provided drawing in AutoCAD. Upload DWG file.

ORTHOGRAPHIC EXERCISE (5%) – Draw orthographic shapes in AutoCAD. Upload DWG file.

DIMENSIONING EXERCISE (5%) – Draw appropriate dimensions on provided AutoCAD drawings. Create a 2-page PDF and upload.

TECHNICAL DRAWING EXERCISE (10%) – Create construction drawings in AutoCAD for given scenic units. Include both finished face and framing drawings of each with complete dimensions. Create a 1-page PDF and upload.

R&J DRAFTING PROJECT (20%) – Create complete ground plan and section drawings in AutoCAD for a given design of *Romeo and Juliet*. Create a 2-page PDF as well as an eTransmit ZIP file and upload both. (GRADUATE STUDENTS: This project will also include elevation drawings.)

3D ORTHOGRAPHIC EXERCISE (5%) – Recreate the objects in the Orthographic Exercise in 3D using AutoCAD. Upload DWG file.

SKETCHUP EXERCISE (5%) – Create 3D objects in Sketchup based on provided information. Upload SKP file.

FURNITURE MODEL (5%) – Create a 3D model of a piece of furniture based on provided information. Upload SKP file. Models will be used to create 3D prints.

DESIGN RECREATION (10%) – Create a 3D model of a scene design based on provided images. Create 3 JPG images of your model. Upload SKP file and 3 JPG images.

FINAL DESIGN MODEL (15%) – Create a 3D model of a scene design based on provided images. Create 3 JPG images of your model. Upload SKP file and 3 JPG images. (GRADUATE STUDENTS: This project will involve a newly created scene design of your own.)

FINAL DESIGN MODEL (15%) – Create complete ground plan and section drawings in AutoCAD for your final design. Create a multi-page PDF as well as an eTransmit ZIP file. Upload all files as well as the files from the previous assignment including any updates. (GRADUATE STUDENTS: This project will also include elevation drawings as well as one JPG with light rendering.)

COURSE POLICIES: Attendance and punctuality are required. Tardiness or lack of attendance will adversely affect your grade. Assignments that can be made-up will be allowed for medical reasons or for participation in University functions. Late assignments will be penalized one letter grade for each day they are late.

The University strives to make all learning experiences as accessible as possible. If you anticipate or experience academic barriers based on your disability (including mental health, chronic or temporary medical conditions), please let me know immediately so that we can privately discuss options. To establish reasonable accommodations, I may request that you register with Student Life Disability Services. After registration, make arrangements with me as soon as possible to discuss your accommodations so that they may be implemented in a timely fashion. SLDS contact information: slds@osu.edu; 614-292-3307; slds.osu.edu; 098 Baker Hall, 113 W. 12th Avenue.

DATE		TOPIC/ACTIVITY	ASSIGNMENT DUE
Tue.	Jan. 8	Course Overview / Graphics Standards	
Thur.	Jan. 10	AutoCAD intro	
Tue.	Jan. 15	Lines & Shapes	
Thur.	Jan. 17	Lines & Shapes	
Tue.	Jan. 22	Orthographic Projection	Lines & Shapes Exercise Due
Thur.	Jan. 24	Orthographic Projection	
Tue.	Jan. 29	Printing & Exporting	Orthographic Exercise due
Thur.	Jan. 31	Dimensioning & Notation	
Tue.	Feb. 5	Technical Drawings	Dimensioning Exercise due
Thur.	Feb. 7	Technical Drawings	
Tue.	Feb. 12	Drawing Management	Technical Drawing Exercise due
Thur.	Feb. 14	Drawing Management	
Thur.	Feb. 14	<i>The Wolves opens</i>	
Tue.	Feb. 19	R&J Project	
Thur.	Feb. 21	Work R&J Project	
Tue.	Feb. 26	3D AutoCAD	R&J Drafting Project due
Thur.	Feb. 27	<i>Her Naked Skin opens</i>	
Thur.	Feb. 28	3D AutoCAD	
Tue.	Mar. 5	Sketchup Intro	3D Orthographic Exercise
Thur.	Mar. 7	3D Modeling: Objects & Components	
Tue.	Mar. 12	— Spring Break —	
Thur.	Mar. 14	— Spring Break —	
Tue.	Mar. 19	3D Modeling: Objects & Components	Sketchup Exercise Due
Wed.	Mar. 20	<i>DigiEYE opens</i>	
Thur.	Mar. 14	— USITT —	
Tue.	Mar. 26	Furniture Models	
Thur.	Mar. 28	3D Printing	Furniture Model Due
Tue.	Apr. 2	3D Modeling: Textures & Materials	
Thur.	Apr. 4	Work Final Project	Design Recreation Due
Tue.	Apr. 9	Work Final Project	
Wed.	Apr. 10	<i>Curious Incident of the Dog in the Nighttime opens</i>	
Thur.	Apr. 11	3D Modeling: Importing/Exporting	Final Design Model Due
Tue.	Apr. 16	Work Final Project	
Thur.	Apr. 18	Work Final Project	
Mon.	Apr. 29	Presentations	Final Design Package Due

ACADEMIC MISCONDUCT: It is the responsibility of the Committee on Academic Misconduct to investigate or establish procedures for the investigation of all reported cases of student academic misconduct. The term “academic misconduct” includes all forms of student academic misconduct wherever committed; illustrated by, but not limited to, cases of plagiarism and dishonest practices in connection with examinations. Instructors shall report all instances of alleged academic misconduct to the committee (Faculty Rule 3335-5-487). For additional information, see the Code of Student Conduct <http://studentlife.osu.edu/csc/>.