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THTR 355.02: Computer Aided Drafting and Applications for Theatre

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Computer Aided Drafting (THTR 355-section 2-AutoCAD)

Course #: THTR 355 section 2
Credit: 3
Time: T,R 9:40-11:00
Room: PARTV 190
Instructor: Mike Monsos
PARTV Building Room 192
243-5138 (office) 240-9194 (cell, texting OK)
michael.monsos@umontana.edu
Office hours: M 10:00-11:00, T 8-9, W 3-4 (full schedule on Moodle)
Text: AutoCAD 2014, by James A. Leach
Materials Needed: Flash drive, laptop (PC preferred),
AutoCAD 2014 Download from:
<http://students.autodesk.com/?nd=register&tagent=BTS-Dotcom-JG-9-16-2010>

Course Description:

This course is designed to develop computer-aided drafting skills for theatre using AutoCAD. Students will incorporate all their knowledge and experience gained in *Drafting for the Theatre I* (THTR 255) into computer applications, gaining an understanding for how the software is used to create complete, accurate draftings for design and technology in theatre and theatre related activities.

Course Objectives:

This course will give students the skills to create computer-generated draftings from AutoCAD that are appropriate and acceptable for use in the professional world of theatre design and technology and are consistent with drafting skills developed in previous coursework. Students will create working drawings, floorplans, elevations and other pertinent draftings for use in theatre design and technology using AutoCAD 2012. Students will learn how computer generated drawings can be created, transferred, amended and published to the web so that the communication of information can be more easily accomplished in a digital format.

Grading:

Students will have daily assignments, all exercises will be due by 5:00 PM each and every Friday. Grading will be based on cumulative scores from all classroom exercises and assignments along with the final project. **Do not fall behind! This course is intensive and requires students to keep up with the work as each lesson builds upon previous exercises.**

Attendance policy:

Attendance is extremely important; it is assumed students will attend all classes. ***Only two unexcused absences are allowed***, each absence after two will result in the loss of ten points from the student's total points. Assignments are due either on or prior to due date. Late assignments will not be accepted, exceptions may be made at the discretion of the instructor.

CLASS SCHEDULE

Aug 26	Introduction to the course. Chapter 1-Getting Started Assignment #1
Aug 28	Chapter 2-working with files, Chapter 3-draw command concepts Assignment #2
Sept 2	Chapter 4-selection sets, Chapter 5-helpful commands Assignment #3
Sept 4	Chapter 6-basic drawing set-up Assignment #4
Sept 9	Chapter 7-object snap Assignment #5
Sept 11	Chapter 8-draw commands Assignment #6
Sept 16	Chapter 9-modify commands Assignment #7
Sept 18	Chapter 10-viewing commands Assignment #8
Sept 23	Chapter 11-layers and object properties Assignment #9
Sept 25	Chapter 12, 13-layouts and viewports Assignment #10
Sept 30	Chapter 14-printing and plotting Assignment #11

Oct 2	Chapter 15-draw commands II Assignment #12
Oct 7	Chapter 16-modify commands II Assignment #13
Oct 9	Chapter 17, 18-text and tables Assignment #14
Oct 14	Chapter 19, 20-advanced editing, selection sets Assignment #15
Oct 16	Chapter 21, 22-blocks, design center and tool palettes Assignment #16
Oct 21	Chapter 24-multiview drawing Assignment #17
Oct 23	Chapter 25-pictorial drawings Assignment #18
Oct 28	Chapter 26-section views Assignment #19
Oct 30	Chapter 27-auxiliary views Assignment #20
Nov 4	No class-Election Day
Nov 6	Chapter 28-dimensioning Assignment #21
Nov 11	No class-Veteran's Day
Nov 13	Chapter 29-dimension styles and variables Assignment #22
Nov 18	Theatre project-measured drawing Final Project #1
Nov 20	Work in class
Nov 25	Work in class
Nov 27	No class-Thanksgiving

Dec 2 Design project
Final Project #2

Dec 4 Work in class

Thursday, Dec 11th, 10:10-12:10 *Final Projects due.*

University and School Policies

Academic Misconduct and the Student Conduct Code

All students must practice academic honesty. Academic misconduct is subject to an academic penalty by the course instructor and/or disciplinary sanction by the University. All students need to be familiar with the Student Conduct Code. The Code is available for review online at http://life.umt.edu/vpsa/student_conduct.php.

From the School of Theatre & Dance

All Theatre & Dance students must have an in-depth knowledge of the practices and procedures outlined in the School of Theatre & Dance *Student Handbook*. The *Handbook* is available online at <http://www.umt.edu/theatredance/about/handbook>.

There is inherent risk involved in many Theatre & Dance classes as they are very physical in nature. Please proceed through class, shop time, or rehearsal with caution. Always be mindful of your personal safety and the safety of others. Students participating in class/shop/rehearsal/performance do so at their own risk.

Due to safety considerations, at **no** point during a student's time spent in class or serving on a production (in any capacity) should non-enrolled persons be guests of that student **without my consent**. Presence of such unauthorized persons in a class, shop, or any backstage/off-stage area will negatively affect a student's grade.

From the EO/AA Office:

Students with disabilities may request reasonable modifications by contacting me. The University of Montana assures equal access to instruction through collaboration between students with disabilities, instructors, and Disability Services for Students (DSS). "Reasonable" means the University permits no fundamental alterations of academic standards or retroactive modifications. For more information, please consult <http://life.umt.edu/dss/>.