Objective:
The objective of this course is to familiarize students with the technology, applications and skills necessary to communicate theatrical designs through hand and computer aided techniques. This will be achieved through a mixture of lecture from the instructor, assigned readings, class participation and practical projects assigned over the course of the semester. Projects will range from hand drafting, computer renderings, CAD and other forms of visual communication. This course is meant to promote growth and understanding in the areas of drafting and computer aided design. *While this course is open to all students possessing an interest in design and willingness to collaborate, it is required for all Design/Tech Theatre majors, other students who are interested should feel welcome. Collaboration is critical to the success of this class and a certain level of critique and response will be necessary and expected from each student in order to facilitate further development.
*Pre requisite THEA 2370 Theatre Stagecraft.

Student Learning Objectives:
1. The student will learn techniques associated with drafting and computer aided design and understand how to apply them to practical projects related to the different areas of theatrical design.

2. The student will learn demonstrate the ability to apply skills learned over the course of the semester, through in class participation, assigned readings and personal research, to practical projects.

3. The student will learn proper terminology and application of drafting and graphic standards, including those associated with the USITT standards.

4. The student will learn to critique and respond in proper fashion to feedback.

Course Requirements:
1. Drafting and Computer Aided Design for the Stage is a studio course. Attendance is mandatory in order to ensure the successful completion of the course. Final grades will be reduced for each day of unexcused absences. Excused absences are given for
health and professional reasons. Makeup work will be assigned accordingly and should/will not interfere with work currently in progress.

2. The student will be assigned tasks that involve both works by hand and works on the computer from week to week. Students are expected to work on these projects outside of class as necessary to complete them on time.

3. The student will be assigned various projects that will be the primary source of their grades throughout the semester.

Grading:
The grading of design work is extremely subjective and there is no right or wrong in the realm of design. Grading for each student will be based upon their demonstrated abilities, growth, communication and commitment to class projects. Taken into consideration for each project will be completeness of work, originality, appropriateness of the design.
Grading for this course will be as follows:

Attendance/Participation – 15%
Ground Plans – 10%
Light Plots – 10%
Projects 1 & 2 – 35%
Final Project – 40%

LATE PROJECTS WILL NOT BE ACCEPTED UNLESS ACCOMPANIED WITH AN EXCUSED ABSENCE! (or with prior consent from instructor)

Attendance:
Excused absences will only be granted at the discretion of the instructor, given proper accompanying paperwork is provided (doctor’s note, note from parent regarding death in the family) and signed. Excused absences will also be given for proper, documented religious holidays. More than 3 unexcused absences will result in a failure of the course. Extreme circumstances may come up and should be discussed with the instructor to resolve any foreseeable disputes.

Lateness:
Class will start promptly and in conjunction with the stated time listed at the top of this document. Arrival 10 minutes after this time will result in a loss of participation points for that day. Arrival fifteen minutes or later will result in an unexcused absence for that day. Time management is an important asset in this business and will not be taken lightly.
Cell Phones/iPhones/iPods/iPads/etc.
The use of cell phones and all other personal electronic equipment not necessary for medical reasons is not permitted. The use of these items in class is a distraction. Checking of these items during class, even for the time, will result in a confiscation of the item for the duration of the class, a loss of participation points for the day. If there is to be music played during a work session, it will be under the instructor’s discretion.

Materials:
Materials listed below will be discussed in detail the first day of class. It is possible materials may be shared to offset costs. Textbooks may also be shared only if it does not interfere with each student completing assigned tasks out of the textbook. It should be said that the book(s) assigned will be useful to any student wishing to pursue a career in this field.

Textbooks:
Drafting for the Theatre
Dennis Dorn, Mark Shanda  2nd Edition

Recommended Texts:
Theatrical Design and Production
J. Michael Gillette

The Backstage Handbook
Sally Friedman Carter

Designer Drafting for the Entertainment World
Patricia Woodbridge

Tools:
Pencils (drawing set preferred for rendering, mechanical for drafting) (At least 4 different weights)
Eraser
Pens/Markers  (Variety)
Half-sheet drafting vellum (24x36)
Sketchpad 11x14
Architects Scale Ruler
USB portable flash drive (4MB at least)

Other materials may come up, but are not required for the course. They may be purchased at the students expense to further communicate their ideas.
You are expected to come to class prepared with the materials necessary to work productively on the task assigned on that day according to the calendar. Failure to do so will result in a loss of participation points for that day.

**Schedule:**

*Note: This schedule is subject to change throughout the semester. The instructor will try to give proper notice, but it is not guaranteed.

*Chapters are listed on the day they are expected to be read by.

<table>
<thead>
<tr>
<th>Week</th>
<th>Date</th>
<th>Topic</th>
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<tbody>
<tr>
<td>1</td>
<td>9/4</td>
<td>Introduction</td>
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<td>9/6</td>
<td>No Class scheduled</td>
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<tr>
<td>2</td>
<td>9/9</td>
<td>Drafting standards and practices</td>
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<td>- Chapters 1-4</td>
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<td></td>
<td>9/11</td>
<td>Hand drafting: Ground plans</td>
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<td>- Chapter 6</td>
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<td>9/13</td>
<td>Ground plans continued</td>
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<td>3</td>
<td>9/16</td>
<td>Hand drafting: Elevations</td>
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<td>- Chapters 8</td>
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<td>9/18</td>
<td>Hand drafting: Properties</td>
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<td>- Chapter 16</td>
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<td>9/20</td>
<td>Hand drafting: Lighting plot</td>
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<td>- Ground plans due</td>
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<td>4</td>
<td>9/23</td>
<td>Vectorworks introduction</td>
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<td>- Chapter 13</td>
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<td></td>
<td>9/25</td>
<td>Transferring 2D to 3D</td>
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<td>- Chapter 14 &amp; 15</td>
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<td></td>
<td>9/27</td>
<td>Studio Session</td>
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<td>- Lighting Plots due</td>
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<td>5</td>
<td>9/30</td>
<td>Mechanical Drafting/Orthogonal/Isometric</td>
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<td>- Chapter 10</td>
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<td>10/2</td>
<td>Drafting: Sound plot</td>
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<td>10/4</td>
<td>Studio Session</td>
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<td>6</td>
<td>10/7</td>
<td>Project #1 discussion</td>
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<td>10/9</td>
<td>Plotting drafting</td>
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<td>- Chapter 17</td>
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<td></td>
<td>10/11</td>
<td>Studio Session/Q&amp;A</td>
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</tbody>
</table>
| Week 7  | 10/14 | Drafting into Models/Paint Elevations  
|        |       | - Chapter 16, *August Osage County opens 10/15  
|        | 10/16 | Model work  
|        | 10/18 | Studio Session  
| Week 8  | 10/21 | SketchUp introduction  
|        | 10/23 | SketchUp continued  
|        | 10/25 | Studio Session  
| Week 9  | 10/28 | Project #2 discussion  
|        | 10/30 | Studio Session  
|        | 11/1  | Project #1 Presentations  
| Week 10 | 11/4  | SketchUp into Renderings  
|        | 11/6  | Renderings  
|        | 11/8  | Studio Session  
| Week 11 | 11/11 | Final Project Discussion  
|        | 11/13 | Vectorworks into SketchUp  
|        | 11/15 | Studio Session  
| Week 12 | 11/18 | Photoshop introduction  
|        |       | *Theophilus North opens 11/19  
|        | 11/20 | Photoshop continued  
|        | 11/22 | Project #2 Presentations  
| Week 13 | 11/25 | Final Project Check-in  
|        | 11/27 | Photoshop Paint Elevations  
|        | 11/29 | THANKSGIVING HOLIDAY-NO CLASS  
| Week 14 | 12/2  | Final Project Progress/ Studio Session  
|        |       | - Dance Demo opens 12/3  
|        | 12/4  | Studio Session  
|        |       | *10 min Play Festival opens today  
|        | 12/6  | Final Project Progress/ Studio Session  
| Week 15 | 12/9  | Preliminary Project Presentation  
| Week 16 | 12/   | Final Exam Date: Final Project Presentations |
**Academic Integrity:**
Students are expected to do their own work. To claim another’s work as your own constitutes plagiarism. Plagiarism in any form will result in a “0” for the assignment. Subsequent violations will result in an “F” for the course and a referral to the Dean of Students for University disciplinary actions.

**Policies:**

EQUITY STATEMENT: All persons, regardless of gender, age, class, race, religion, physical disability, sexual orientation, etc., shall have equal opportunity without harassment in this communication course. Any problems with or questions about harassment can be discussed confidentially with your instructor or with the department chair.

*Notice to Students with Disabilities:*
The American with Disabilities Act (ADA) is a federal anti-discrimination statute that provides comprehensive civil rights protection for persons with disabilities. Among other things, this legislation requires that all students with disabilities be guaranteed a learning environment that provides for reasonable accommodation of their disabilities. Texas A&M University-Corpus Christi complies with the Americans with Disabilities Act in making reasonable accommodations for qualified students with disabilities. If you suspect that you may have a disability (physical impairment, learning disability, psychiatric disability, etc.), please contact the Services for Students with Disabilities Office, located in Driftwood 101, at 825-5816. If you require accommodations for a possible disability, please contract the instructor as soon as possible.

**ACADEMIC ADVISING:** The College of Liberal Arts requires that students meet with an Academic Advisor as soon as they are ready to declare a major. The Academic Advisor will set up a degree plan, which must be signed by the student, a faculty mentor, and the department chair. The College's Academic Advising Center is located in Driftwood 203E, and can be reached at 825-3466.

*** Grade Appeal Process.*** As stated in University Rule 13.02.99.C2, Student Grade Appeals, a student who believes that he or she has not been held to appropriate academic standards as outlined in the class syllabus, equitable evaluation procedures, or appropriate grading, may appeal the final grade given in the course. The burden of proof is upon the student to demonstrate the appropriateness of the appeal. A student with a complaint about a grade is encouraged to first discuss the matter with the instructor. For complete details, including the responsibilities of the parties involved in the process and the number of days allowed for completing the steps in the process, see University Rule 13.02.99.C2, Student Grade Appeals, and University Procedure 13.02.99.C2.01, Student Grade Appeal Procedures. These documents are accessible through the University Rules Web site at [http://www.tamucc.edu/provost/university_rules/index.html](http://www.tamucc.edu/provost/university_rules/index.html). For assistance and/or guidance in the grade appeal process, students may contact the Office of Student Affairs.