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. Projects will range from hand drafting, computer drafting, 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.

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 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 graphic standards.
4. The student will learn to critique and respond in a professional manner to peer and instructor feedback.

Course Requirements:

1. Drafting and Computer Aided Design for the Stage is a lecture/studio course. Attendance is mandatory in order to ensure the successful completion of the course. 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.

**LATE PROJECTS WILL NOT BE ACCEPTED UNLESS ACCOMPANIED WITH AN EXCUSED ABSENCE!** (or with prior consent from instructor)
Grading for this course will be as follows:

<table>
<thead>
<tr>
<th>Assignment</th>
<th>Points</th>
</tr>
</thead>
<tbody>
<tr>
<td>Attendance/Participation/Quizzes</td>
<td>150 pts.</td>
</tr>
<tr>
<td>Drafting Standards Assignment</td>
<td>250 pts.</td>
</tr>
<tr>
<td>Ground Plan Project 1</td>
<td>125 pts.</td>
</tr>
<tr>
<td>Ground Plan Project 2</td>
<td>75 pts.</td>
</tr>
<tr>
<td>Lighting Plot Project</td>
<td>250 pts.</td>
</tr>
<tr>
<td>Photoshop Project</td>
<td>250 pts.</td>
</tr>
<tr>
<td>SketchUp Project</td>
<td>250 pts.</td>
</tr>
<tr>
<td>Final Project</td>
<td>350 pts.</td>
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<tr>
<td><strong>Total</strong></td>
<td><strong>1800 pts.</strong></td>
</tr>
</tbody>
</table>

Grading Break Down

- **A**: 1800 – 1651
- **B**: 1650 – 1501
- **C**: 1500 – 1351
- **D**: 1350 – 1201
- **F**: 1200 – 0

**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.

**Required Textbooks:**

*Drafting for the Theatre*

Dennis Dorn, Mark Shanda

2nd Edition


**Tools:**

- Pencils (At least 4 different weights)
- Eraser
- Half-sheet Drafting Vellum
- 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.

**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. Students are admitted 2 unexcused absences. After 2, each unexcused absence will result in a full letter grade drop. More than 3 unexcused or excused 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.

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

Weeks:

Week 1 1/20  Introduction
        1/22  Hand Drafting Materials & Tools

Week 2 1/25  Drafting Standards & Practices
        - Chapters 1-4
        1/27  Hand Drafting: Ground Plans
        - Chapter 6
        1/29  Ground Plans continued

Week 3 2/1  Hand Drafting: Elevations
        - Chapter 8
        2/3  Hand Drafting: Properties
        - Chapter 16
        2/5  Hand Drafting: Lighting Plot

Week 4 2/8  Vectorworks Introduction
        - Chapter 13
        2/10  Transferring 2D – 3D
        - Chapters 14 & 15
        2/12  Studio Session

Week 5 2/15  Mechanical Drafting/Orthogonal/Isometric
        - Chapter 10
        2/17  Drafting: Sound Plot
        2/19  Studio Session

Week 6 2/22  Project Discussion
        2/24  Plotting Drafting
        - Chapter 17
        2/26  Studio Session

Week 7 2/29  Drafting into Models/Paint Elevations
        - Chapter 16
        3/2  Model Work
        3/4  Studio Session
        *The Heidi Chronicles 3/1 – 3/6

Week 8 3/7  SketchUp Introduction
        3/9  SketchUp continued
        3/11  Skype session
<table>
<thead>
<tr>
<th>Week</th>
<th>Date</th>
<th>Event</th>
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<tbody>
<tr>
<td>9</td>
<td>3/14</td>
<td>SPRING BREAK/USITT – No classes</td>
</tr>
<tr>
<td></td>
<td>3/16</td>
<td>SPRING BREAK/USITT – No classes</td>
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<tr>
<td></td>
<td>3/18</td>
<td>SPRING BREAK/USITT – No classes</td>
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<tr>
<td>10</td>
<td>3/21</td>
<td>Project Discussion</td>
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<td></td>
<td>3/23</td>
<td>Studio Session</td>
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<td></td>
<td>3/25</td>
<td>Project Presentations</td>
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<tr>
<td>11</td>
<td>3/28</td>
<td>SketchUp into Renderings</td>
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<tr>
<td></td>
<td>3/30</td>
<td>Renderings</td>
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<td></td>
<td>4/1</td>
<td>Studio Session</td>
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<tr>
<td>12</td>
<td>4/4</td>
<td>Final Project Discussion</td>
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<td></td>
<td>4/6</td>
<td>Vectorworks into SketchUp</td>
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<td></td>
<td>4/8</td>
<td>Studio Session</td>
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<td></td>
<td></td>
<td>*Last day to drop classes 4/8</td>
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<tr>
<td>13</td>
<td>4/11</td>
<td>Photoshop Introduction</td>
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<td></td>
<td>4/13</td>
<td>Photoshop continued</td>
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<tr>
<td></td>
<td>4/15</td>
<td>Project Presentations</td>
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<td></td>
<td>*Rent 4/12 – 4/17</td>
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<tr>
<td>14</td>
<td>4/18</td>
<td>Photoshop Paint Elevations</td>
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<tr>
<td></td>
<td>4/20</td>
<td>Photoshop Paint Elevations continued</td>
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<tr>
<td></td>
<td>4/22</td>
<td>Poster Design Project</td>
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<td>15</td>
<td>4/25</td>
<td>Poster Design Project continued</td>
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<td></td>
<td>4/27</td>
<td>Final Project Studio Session</td>
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<tr>
<td></td>
<td>4/29</td>
<td>Final Project Studio Session</td>
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<tr>
<td></td>
<td></td>
<td>* Dance Demo 4/27</td>
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<tr>
<td>16</td>
<td>5/2</td>
<td>Final Project Studio Session</td>
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<td></td>
<td></td>
<td>*40 Min. Play Festival 5/4 – 5/8</td>
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<tr>
<td>Final</td>
<td>5/</td>
<td>Final Project Due</td>
</tr>
</tbody>
</table>
Policies:

Compliance with Americans with Disabilities Act:
The Americans 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. If you believe you have a disability requiring an accommodation, please call or visit Disability Services at (361) 825-5816 in Corpus Christi Hall 116. If you are a returning veteran and are experiencing cognitive and/or physical access issues in the classroom or on campus, please contact the Disability Services office for assistance at (361) 825-5816.

Sexual Harassment:
This course will observe the university’s policy for avoiding sexual harassment.

Academic Integrity Policy:
Scholastic dishonesty will not be tolerated and will be prosecuted to the fullest extent. You are expected to have read and understood the current issue of the university and departmental handbooks regarding student responsibilities and rights, and the intellectual property policy, for information about procedures and about what constitutes acceptable on campus behavior. Please note you will fail the course at minimum and be dismissed from the university as one repercussion maximum.

Grade Appeal Process:
Students who feel that they have not been held to appropriate academic standards as outlined in this class syllabus, equitable evaluation procedures, or appropriate grading, may appeal the final grade given in the course. A student with a complaint about a grade is encouraged to first discuss the matter with the instructor. For complete details on the process of submitting a formal grade appeal, please visit the College of Liberal Arts website, http://cla.tamucc.edu/students/studentinfo.html. For assistance and/or guidance in the grade appeal process, students may contact the Associate Dean’s Office.

Academic Etiquette:
Texas A&M University-Corpus Christi has a diverse student population that represents the population of the state. Our goal is to provide you with a high quality educational experience that is free from repression. You are responsible for following the rules of the University, city, state and federal government. We expect that you will behave in a manner that is dignified, respectful and courteous to all people, regardless of sex, ethnic/racial origin, religious background, sexual orientation or disability. Behaviors that infringe on the rights of another individual will not be tolerated.

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. Degree plans are prepared in the CLA Academic Advising Center. The University uses an online Degree Audit system. Any amendment must be approved by the Department Chair and the Office of the Dean. All courses and requirements specified in the final degree plan audit must be completed before a degree will be granted. The CLA Academic Advising Office is located in Driftwood #203. For more information please call (361) 825-3466.

University Islander Email:
All students are now required to sign up for their university email account. All communication from the university, department and professor will be sent to your university account.