NOTE: This course is designed for transfer credit to ETSU

Catalog Course Description:

Application of visual design fundamentals, concept development for interior design and creative representation of design solutions. Emphasis is placed on the development of visual methods of communication, presentation techniques, craftsmanship and computer skill development, using various software applicable to the interior design industry.

Entry Level Standards:

The student enrolling in this class should have basic reading, writing and math skills. A basic knowledge of sketching and color is helpful but not required.

Prerequisites:

IDT 1115, 1215, 2305, 2115 (or 2115 may be taken as corequisite)

Corequisites:

IDT 2215, (IDT 2115 also may be taken before IDT 2605)

Textbook(s) and Other Course Materials:


I. Week/Unit/Topic Basis:

<table>
<thead>
<tr>
<th>Week</th>
<th>Topic</th>
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</thead>
<tbody>
<tr>
<td>1</td>
<td>Introduction to the course; creating a profile; review of drawing set-up; creating a drawing template; review of text styles</td>
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<tr>
<td>2</td>
<td>Introduction to as-built drawings; measuring for as-built drawings</td>
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<tr>
<td>3</td>
<td>Drawing as-built floorplan from measurements; using attributes to create door schedules</td>
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<tr>
<td>4</td>
<td>Drawing as-built floorplan from measurements</td>
</tr>
<tr>
<td>5</td>
<td>Drawing as-built floorplan from measurements</td>
</tr>
<tr>
<td>6</td>
<td>Review of elevations; measuring kitchen for elevation drawings</td>
</tr>
<tr>
<td>7</td>
<td>Creating presentation drawings using layouts and viewports</td>
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</tbody>
</table>
Complete drawings; check drawings; plot drawings

Review axonometric drawings; drawing axons with AutoCAD

Rendering with AutoCAD; X-ref drawings; Drawing in 3-D with AutoCAD

Architecture

Drawing with AutoCAD Architecture

Drawing in 3-D with Google® SketchUp®

Drawing in 3-D with Google® SketchUp®

Photographing projects; using PowerPoint and Photo Shop to create a portfolio

Completion of all projects and portfolio

Final Exam Period

II. Course Goals*: The course will:

A. Understand two-dimensional (2-D) computer aided design. (II, III, IV, V)

B. Use computer technology to communicate three-dimensional (3-D) design concepts effectively. (II, III, IV, V)

C. Acquire attitudes, traits, and values of professional responsibility and accountability in executing design projects through electronic media. (II, III, IV, V)

D. Apply the knowledge, skills, processes, and theories of interior design learned in previous courses through the use of advanced electronic methods. (I, II, III, IV, V)

E. Understand computer aided 3-D drawing enhancement and rendering through third-party software programs. (II, III, IV, V)

F. Develop portfolios of interior design work using electronic media. (II, III, IV)

III. Expected Student Learning Outcomes*:

Students will be able to:

1. Demonstrate an intermediate competence in 2-D computer-aided drafting and lettering techniques through model fields with floor plans and sheet files with x-refed floor plans, elevations, and detail drawings. (A, C, D)

2. Demonstrate a beginning-to-intermediate competence in 3-D computer-aided drafting techniques by building upon an x-refed floor plan. (B, C, D, E)

3. Follow a process and demonstrate the ability to apply 3-D design elements and principles to the development of spatial envelope (for example, volumes of space, visual continuity and balance, visual passages, interconnecting elements). (B, D, E)
4. Produce work that shows ability to think visually and volumetrically. (*A, B, D, E*)
5. Demonstrate the ability to render 3-D design ideas by computer. (*B, E*)

* Capital letters after Expected Student Learning Outcomes reference the course goals listed above.

### IV. Evaluation:

A. Testing Procedures: 25% of grade

Test and quizzes will be given from time to time to measure student achievement and ability to apply what they have learned. Tests and quizzes may sometimes be unannounced. Make-up tests will be given only for excused absences or at the discretion of the instructor. It is the student's responsibility to contact the instructor to make arrangements for a make-up test. Any make-up test must be taken immediately upon return after the absence and before the next scheduled class. No make-up test will be accepted more than one week after the original test date. Only one make-up test per student will be allowed during the semester. Quizzes may not be made up.

B. Laboratory Expectations: 55% of grade

Projects and exercises make up laboratory expectations. The first project will take most of the first half of the semester and will account for 35% of the course grade. Other exercises make up the other 20% of laboratory expectations.

C. Field Work: 10% of grade

Field work includes taking field measurements and using them to draw floorplans and elevations.

D. Other Evaluation Methods: 10% of grade

This portion of the grade will be evaluated by the instructor based on attendance, being on time to class, turning in assignments on time, participating in class discussions and activities, contributing to development of a positive, supportive learning environment for all students.

E. Grading Scale:

Final grades will be calculated as follows:

- **A:** 92 – 100%
- **B:** 82 – 91%
- **C:** 70 – 81%
- **D:** 60 – 60%
- **F:** 59% and below

A. Attendance Policy:

Pellissippi State expects students to attend all scheduled instructional activities. As a minimum, students in all courses (excluding distance learning courses) must be present for at least 75 percent of their scheduled class and laboratory meetings in order to receive credit for the course. Individual departments/programs/disciplines, with the approval of the vice president of the Learning Division, may have requirements that are more stringent. In very specific circumstances, an appeal of the policy may be addressed to the head of the department in which
the course was taken. If further action is warranted, the appeal may be addressed to the vice president of the Learning Division.

B. Academic Dishonesty:

Academic misconduct committed either directly or indirectly by an individual or group is subject to disciplinary action. Prohibited activities include but are not limited to the following practices:

- Cheating, including but not limited to unauthorized assistance from material, people, or devices when taking a test, quiz, or examination; writing papers or reports; solving problems; or completing academic assignments.
- Plagiarism, including but not limited to paraphrasing, summarizing, or directly quoting published or unpublished work of another person, including online or computerized services, without proper documentation of the original source.
- Purchasing or otherwise obtaining prewritten essays, research papers, or materials prepared by another person or agency that sells term papers or other academic materials to be presented as one’s own work.
- Taking an exam for another student.
- Providing others with information and/or answers regarding exams, quizzes, homework or other classroom assignments unless explicitly authorized by the instructor.
- Any of the above occurring within the Web or distance learning environment.

C. Accommodations for disabilities:

Students who need accommodations because of a disability, have emergency medical information to share, or need special arrangements in case the building must be evacuated should inform the instructor immediately, privately after class or in her or his office. Students must present a current accommodation plan from a staff member in Services for Students with Disabilities (SSWD) in order to receive accommodations in this course. Services for Students with Disabilities may be contacted by going to Goins 127, 132, 134, 135, 131 or by phone: 539-7153 or TTY 694-6429. More information is available at www.pstcc.edu/departments/swd/.

D. Other Policies:

Laboratory Expectations: Laboratory time will be spent with the instructor explaining and demonstrating concepts and techniques and with the student applying the techniques. Students may not always finish every assignment during the lab period, but they must complete most of every project in the classroom. All lab equipment may be used during the regular school hours whenever it is not in use by another class.

Equipment & Supplies: Students are expected to take utmost care when using equipment provided by Pellissippi State. No eating or drinking is permitted in the lab. Students are not to load unauthorized software on the computers; relocate computers, monitors, mice or keyboards; or copy, delete, or move files without direction by the instructor.

Each student has an account on the H: drive of the Pellissippi State server with a limited amount of memory. All drawings should be saved on the H: drive and on at least one other storage medium, such as a CD or jump drive. If a file gets lost or corrupted and has not been backed up, the assignment will have to be done again. Please note that when the semester is over all students files are expunged.

Cell Phone Usage: It is disruptive and inconsiderate of classmates and the instructor to allow a cell phone or other electronic device to ring during class. No phone calls should be made or
taken during class, and text messaging is not permitted in class.