

NASHVILLE STATE TECHNICAL COMMUNITY COLLEGE  
COURSE INFORMATION

**ACT 2123 ARCHITECTURAL PRESENTATIONS**

**2 Credits**

**6 Laboratory Hours**

A graphic presentation course focusing on presentation skills, software and techniques in the Architectural, Civil and Construction fields. Applications are intended to reach the creative abilities of students and equip them with marketable skills currently used in the building design and construction industry. Topics include the principles and tools of architectural presentation graphics, the use of several software packages including ®AutoCAD, ®Adobe Illustrator\*, ®Adobe Photoshop, ®Adobe InDesign and ®3D MAX. Students must have a working knowledge of AutoCAD and basic computer knowledge to accomplish the goals of this course. Students will make a portfolio of their best work, arranged to demonstrate their skills and talents.

**Prerequisite: CAD 1301 or CAD 2113**

**COMPUTER USAGE:**

This is a computer-based drawing course:

®AutoCAD, ®Adobe Illustrator\*, ®Adobe Photoshop, ®Adobe InDesign and ®3D MAX

**COURSE LEARNING OUTCOMES:**

Upon successful completion of this course, the student will be able to:

1. Prepare presentation documents for design/proposal purposes as well as the creation of a personal portfolio in electronic and plotted forms using a variety of computer software techniques.
2. Use electronic and printed media to creatively present technical information in a formal setting.
3. Identify, select and use principles and techniques of electronic graphic media to showcase architectural, civil and construction products or processes.
4. Analyze 2D and 3D drawings to determine points of interest and focus to promote the best features of a project.

**ADDITIONAL LEARNING OUTCOMES:**

1. Use electronic presentation media such as PowerPoint.
2. Provide and enhance employable electronic graphic media skills

**Nashville State Technical Community College Departmental Policies for all classes in all Engineering Technology programs is a part of this document.**

**TEXTBOOK:**

No textbook

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**REFERENCE:**

Portfolio Design, Harold Linton, Steven Rost, latest edition  
Related Adobe “Classroom in A Book”  
Design Drawing, Francis D. K. Ching, John Wiley and Sons, 1998.

**EQUIPMENT USED:**

Pentium PC with AutoCAD, ®Adobe Illustrator CS2\*, ®Adobe Photoshop CS2, ®Adobe InDesign CS2,  
 3DStudioViz – latest releases  
 Desk Jet Plotters, HP 755c, HP 650c and scanner

**EQUIPMENT REQUIRED:**

It is recommended that students use a memory stick or at least one-100 MB Zip Disk similar to PC100 by Iomega or equal. Caution: Zip Drives have been known to fail after so many iterations or uses; meaning loss of / no access to stored data.

**COURSE OUTLINE:**

<b>WEEK</b>	<b>TOPIC</b>
1	GENERAL INFORMATION <ul style="list-style-type: none"> <li>• Course Outline</li> <li>• Attendance Policy</li> <li>• Plagiarism Policy</li> </ul> TECHNIQUES <ul style="list-style-type: none"> <li>• Introduction to principles and techniques of architectural presentation</li> <li>• Application and work samples</li> </ul> APPLICATION TOOLS <ul style="list-style-type: none"> <li>• Scanner</li> </ul>
2	TECHNIQUES <ul style="list-style-type: none"> <li>• Editing image</li> </ul> APPLICATION TOOLS <ul style="list-style-type: none"> <li>• Adobe Photoshop</li> </ul>
3	TECHNIQUES <ul style="list-style-type: none"> <li>• Manipulating image</li> </ul> APPLICATION TOOLS <ul style="list-style-type: none"> <li>• Adobe Photoshop</li> </ul>
4	TECHNIQUES <ul style="list-style-type: none"> <li>• Page lay-out</li> <li>• Design a presentation page</li> </ul>
5	TECHNIQUES

	<ul style="list-style-type: none"> <li>• Page lay-out</li> <li>• Design a presentation page</li> </ul> <p>APPLICATION TOOLS</p> <ul style="list-style-type: none"> <li>• Adobe InDesign</li> </ul>
6	<p>TECHNIQUES</p> <ul style="list-style-type: none"> <li>• Importing files</li> </ul> <p>APPLICATION TOOLS</p> <ul style="list-style-type: none"> <li>• Adobe InDesign</li> <li>• Adobe Photoshop</li> </ul>
7	<p>TECHNIQUES</p> <ul style="list-style-type: none"> <li>• Page lay-out</li> </ul> <p>APPLICATION TOOLS</p> <ul style="list-style-type: none"> <li>• AutoCAD</li> </ul>
8	<p>TECHNIQUES</p> <ul style="list-style-type: none"> <li>• Page lay-out</li> <li>• Importing files</li> </ul> <p>APPLICATION TOOLS</p> <ul style="list-style-type: none"> <li>• AutoCAD</li> </ul>
9	<p>TECHNIQUES</p> <ul style="list-style-type: none"> <li>• Importing files</li> <li>• Building 3D model</li> </ul> <p>APPLICATION TOOLS</p> <ul style="list-style-type: none"> <li>• 3D Max</li> </ul>
10	<p>TECHNIQUES</p> <ul style="list-style-type: none"> <li>• Importing files</li> <li>• Building 3D model</li> </ul> <p>APPLICATION TOOLS</p> <ul style="list-style-type: none"> <li>• 3D Max</li> </ul>
11-14	<p>TECHNIQUES</p> <ul style="list-style-type: none"> <li>• Working with various files</li> <li>• “Putting them together”</li> </ul> <p>APPLICATION TOOLS</p> <ul style="list-style-type: none"> <li>• various</li> </ul>
15	Make-up time

The Course Learning Outcomes on page 1 will be measured by demonstrated ability to prepare and plot various presentation documents. Performance as a class member will be evaluated based on dependability, promptness, and cooperation. Ability to communicate technical information will be assessed by instructor as part of oral, electronic, and plotted presentation in the lab. The standards expected and the level of quality of meeting those standards will be stated with the assignment.

### **Grading Policy**

Attendance	10%
Lab Exercises Plotted (4-5)	40%
Presentation (power point)	10%
Drawing Set (Final Project/Portfolio)	40%

If you cannot present when scheduled, you must notify the instructor and make arrangements to present prior to the scheduled date. Homework not turned in on time is subject to a 25% grade reduction. Homework will not be accepted if more than one week late or after an assignment has been returned to the class, whichever comes sooner. Homework should reflect your understanding of the subject, not that of your classmates. Make every effort to attend every lab. All work assigned must be turned in for a satisfactory grade in this course.

**ADA compliance statement:** Nashville State complies with the Americans with Disabilities Act. If you wish to request any special accommodations for any courses in which you are enrolled, contact the Student Disabilities Office. Such services must have proof of documentation that is not over three years old. Contact the Disabilities Coordinator at 353-3721.