

ARCT 212 Architectural Presentation Techniques 3 Credits

Course Description

Course material covers the techniques of graphic communication, projection and introduction to color media as tools for architectural presentations. Special presentation software is introduced and utilized to provide rendered presentations using a computer. A course requirement is the coordination and completion of the student's portfolio for assessment purposes. An electronic portfolio is created as a final project to present the student's work.

Pre-Requisite: ARCT 201

- At Least 2/3 of your course work should be completed as you will compile your portfolio during this course.
- Knowledge of basic computer operations and file management.
- Basic understanding of general drafting practices using both hand tools and CAD.

Learning Outcomes

1. Team building skills
2. Understand the basics of perspective drawing (by hand)
3. Demonstrate basic architectural applications of perspective drawing
4. Observe and introduce primary colors, secondary colors, and tertiary colors
5. Create a color wheel using water color
6. Present Water Color, Marker, and Color Pencils – Complete 1 project
7. Observe and demonstrate landscape sketching techniques
8. Coordinate and organize materials for student portfolio (program requirement)
9. Develop an electronic presentation of the student portfolio.
10. Produce drawings using a photo image editing software.
11. Produce drawings using 3D software applications
12. Utilize 3D software for animation presentation
13. Produce a professional Presentation Board
14. Use hand sketching
15. Present your portfolio in class
16. Demonstrate professionalism in personal presentation skills

Required Materials

Architectural Drafting and Design by Jefferis and Madsen 5th or 6th Edition

Contact Coleen at the NDSCS Bookstore for the most current textbook information (1-800-342-4325, ext. 2239 or coleen.thoe@ndscs.edu). You may also visit the NDSCS Bookstore web site at www.ndscsbookstore.com and search for book information by class by clicking the "Textbook" tab.

- Sketch Up – Free Software
- Microsoft Office
- Lumion Rendering Software (free version):
- Photo Editing Software (Photoshop is suggested, but free download GIMP will work)

Optional Materials

Instructor will provide: watercolors, paintbrushes, palettes, paper, colored pencils and markers

Additional Information and Resources

- Instructional Media
- PowerPoint slide shows
- Procedure handouts and worksheets
- Lecture/Demonstration Videos
- Photo Editing Software
- Sketchup Software
- AutoCAD software
- Atomic Learning Tutorials

Grading

Your performance in this course will be based upon the performance objectives. Points will be given and converted to percentage points. Grades will be based on the following:

| LETTER GRADE | PERCENT |
|--------------|-----------|
| A | 90-100% |
| B | 80-89% |
| C | 70-79% |
| D | 60-69% |
| F | Below 60% |

Student Email Accounts

NDSCS students are to use an NDSCS email account exclusively to ensure the lines of communication with your instructor and NDSCS are not broken, which often happens with other email providers. You can access your email account by following instructions at www.ndscs.edu/lt-Setup. If you need help accessing your NDSCS email, contact the NDSCS IT Service Desk at 800-342-4325 ext 3333 or ndscs.servicedesk@ndscs.edu.

To make your NDSCS email account your preferred email address, log into your CampusConnection account and check the “preferred” box by campus email.

The NDSCS e-mail system provides students with an entire suite of services such as:

- 10 GB storage for email
- Instant messaging through Skype for Business
- Rich calendaring
- Photo sharing
- Multi-browser support
- SMS alerts to mobile phones

Student contributions

Each student will spend **at least 6 hours per week** preparing for class. Attendance is critical in class.

Student Attendance

Regular attendance and completion of all assignments, on time and as scheduled, is important to your success in this course. An online student who does not regularly attend their online class for a period of seven consecutive days may be dropped from the course. Attendance is evidenced by weekly completion of assignments and/or participation in online discussions. Efforts to contact inactive students are attempted as soon as each semester begins; however, if there is no response from the student and inactivity continues, a drop will be enacted. See the entire NDSCS Attendance Policy at www.ndscs.edu/online-attendance.

If your instructor is unexpectedly unavailable and may be delayed in reviewing or correcting assignments, you will be notified of this as a sign of courtesy and respect.

Portfolio requirements

The Student Portfolio is required for graduation. The portfolio will be completed according to the Portfolio Checklist – First and Second Year. A form will be provided to you with the required projects from your past coursework. A copy of the form is provided in the Doc Sharing section of the course. If you are missing any information on the checklist, you may need to “redo” some of the projects.

The Checklist needs to be signed by your Advisor before you receive a grade for this class. An Incomplete grade will be given to any student for an incomplete portfolio until requirements are met.

Tie to Program Assessment Outcomes

Upon completion of this course, the student will demonstrate a working knowledge of perspective presentation drawings, color, its characteristics and color schemes, used to prepare professional interior and exterior presentation renderings.

Disabilities and Special Needs

If you have a disability for which you are or may be requesting an accommodation, you are encouraged to contact both your instructor and the **Student Accessibility Coordinator** (phone 671-2623, or toll-free 1-800-342-4325 ext. 3-2623) as early as possible in the term.

Academic Integrity

Integrity is an NDSCS core value and there is an expectation that all students, as members of the college community, adhere to the highest levels of academic integrity.

Dishonesty in class, laboratory, shop work or tests is regarded as a serious offense and is subject to disciplinary action by the instructor and dean of the respective division. For more information, refer to the NDSCS Student Planner or [College Catalog](#) under College Policies and Basic Regulations of Conduct (page 32).