

Nashville State Community College
STEM
Architectural Engineering Technology Program

Fall 2019
ARCT 1100 Architectural Drawing

Course Information:

Course Title: Architectural Drawing

Credits: 3 credits

2 class hours

2 lab hours

Course Description:

This course is an introduction to the fundamentals of graphic representation for communication of architectural concepts, ideas and technical details. Students will be exposed to a variety of graphic conventions that represent three-dimensional thinking on two-dimensional media. Topics may include reading construction documents, sketches, adjacency diagrams, construction principles and the use of orthographic projection to create architectural plans, sections, elevations, details and specifications.

Prerequisite Course: None

Instructor Information:

Name: JackWallace

Email: jack.wallace@nsc.edu

Office Phone: 353-3445

Office Location: w-42

Office Hours: see attachment

Required Textbook(s) & Other Materials:

Textbook(s):

Design Drawing, Francis D.K. Ching (optional)

Required Drawing Supplies: none

Once enrolled, all students should verify that they have the correct textbook and materials information by consulting the D2L/NS Online shell for the course. If you are registered with the Access Center and require an alternate format for the textbook and other course materials, please contact the Access Center at 615-353-3721, 615-353-3741, or accesscenter@nsc.edu.

Course Outcomes:

Upon successful completion of this course, students should be able to:

1. Create free hand drawings using a variety of media.
2. Understand and create hardline drawings using orthographic projection
3. Create contour line drawings in plan, section & elevation

4. Demonstrate the use of scale in drawings.
5. Develop the ability to sketch design concepts

Course Competencies:

The following are general education competencies intended to support the course outcomes:

- Write clear, well-organized documents.
- Know how to locate, evaluate, and use information sources.
- Prepare and deliver well-organized oral presentations.
- Apply mathematical concepts to problems and situations.

Topics to Be Covered:

- The Drawing Process
- Figure Ground, Geometry, Motif, Pattern and Texture
- Freehand sketching
- Plan & Section Drawings
- “A Slice of form and Space”
- Axonometric views
- One and two point perspective
- Design Drawings
- LEED audit
- Design /Build (Teams)

Course Assessments:

The Course Learning Outcomes will be measured by demonstrated ability to meet the requirements of each assignment. The standards expected and the level of quality of meeting those standards (points) will be stated with each assignment. The point total will be converted to percentages and applied to the following grading scale

Grading Scale:

Letter Grade	Percentage Range
A	100-90
B	89-80
C	79-70
D	69-60
F	F 59 – below

FA

According to NSCC policy, if a student fails a course, but has not officially withdrawn from the course, and her/his last date of attendance is before the last date to withdraw (*use date appropriate to your section*), the student will receive a grade of FA (i.e., “Failure for Attendance Reasons”).

FN

An FN is awarded to students who never attended class.

Late Work Policy & Make-up Procedures for Missed Assignments and Work:

Late work will not be accepted except in the case of excused absences.

Lab/Studio time

Additional open Studio/lab time will be available as scheduled.

Students may also use the Studio during other scheduled class times if space is available and with the permission of the instructor present.

Attendance Policy

Students are expected to attend all scheduled classes and laboratories. Every student will be permitted two excused absences for the semester. Unexcused absences beyond that will result in the deduction of two (2) percentage points for each class/lab session absence from the student's final grade. If a student is absent from a class, he/she should give advanced notice via email to the instructor. The student is responsible for all assigned work/tests and/or quizzes in the course for an excused absence. Assigned Work/tests and/or quizzes cannot be made up for an unexcused absence.. Tardiness may also affect a student's final grade

D2L/NS Online and myNSCC

It is students' responsibility to check D2L/NS Online course shells for all enrolled courses and myNSCC, including student email, on a regular basis. These are the official communication channels between the college and students, who are responsible for the information communicated through those channels. D2L/NS Online contains specific course information and myNSCC contains information important for other purposes.

ADA Compliance Statement

Nashville State complies with the Americans with Disabilities Act (ADA). If you require accommodations for any courses in which you are enrolled, contact the Access Center at 615.353.3741 or 615.353.3721, or e-mail accesscenter@nsc.edu. If you are registered with the Access Center and require an alternate format for the textbook and other course materials, please contact the Access Center.

Classroom Misconduct

Nashville State Community College has a zero-tolerance policy for disruptive conduct in the classroom. Students whose behavior disrupts the classroom will be subject to disciplinary measures. Please review the [Nashville State Student Code of Conduct policy](#). Please be aware that children are not allowed in class or to be left unattended on campus.

The instructor has primary responsibility for control over classroom behavior and maintenance of academic integrity. He/she can order temporary removal or exclusion from the classroom of any student engaged in disruptive conduct or conduct which violates the general rules and regulations of the College.

Disruptive behavior in the classroom that obstructs or disrupts the learning talking. environment is defined as:

- Offensive language;
- Harassment of students or professors;

- Repeated outbursts from a student which disrupt the flow of instruction or prevent concentration on the subject taught; (this includes loud talking)
- Failure to cooperate in maintaining classroom decorum; and
- Continued use of any electronic or other noise or light emitting device which disturbs others: beepers, cell phones, palm pilots, laptop computers, games, etc.

Students who are removed from class for disruptive behavior will not be allowed to return until the issue is resolved with the Dean of Students and may be administratively withdrawn from the course or the college

Academic Misconduct

Any form of academic dishonesty, cheating, plagiarizing, or other academic misconduct is prohibited. Students are responsible for understanding and abiding by the [Academic Misconduct Policy](#) in the Nashville State Student Code of Conduct. In addition to other possible disciplinary measures that may be applied through regular college procedures as a result of academic dishonesty, the instructor has the authority to assign an “F” or a “zero” for the exercise, paper, or examination, or to assign an “F” for the course. Students may appeal through the appropriate college grade appeal procedures.

Academic Early Alert System

Nashville State Community College uses an Early Alert System to let students know of a faculty member’s concern in one or more of these academic areas: lack of attendance, lack of classroom participation, late or missing assignments, and/or poor performance on assignments/tests. *Please note that Early Alerts do not affect a student’s academic standing. If you receive an Early Alert email, please see your instructor and your academic advisor as soon as possible.

RAVE Emergency Alert System

Emergency events can happen at any time and Nashville State Community College wants to be able to notify students if and when they occur. For this reason, all students have been enrolled in the free RAVE alert system. If you have not already done so, please log in at <https://www.getrave.com/login/nsc> to confirm and update your contact information and notification preferences. It is critical that your information be correct so that you will receive any emergency notifications. Your RAVE Username is your NSCC email address. If you’ve never received an email from RAVE with your password, or if you need to reset your password, select “Forgot your password?” and a new password will be emailed to you. Should the RAVE system indicate “user not found”, select Register and create your own RAVE account.

Inclement Weather & Campus Closings

Nashville State will use the RAVE alert system to send a text message to students, staff, and faculty about adjusted hours of operation and/or closings at individual campuses. All students should check the Nashville State web site home page at www.nsc.edu for announcements on campus closures, which may vary from campus to campus. Campus closures will also be announced on local television stations. Students should use their own best judgment in determining whether to report to campus during inclement weather when classes are not cancelled.

Even when campuses are closed, students are still responsible for completing all assigned work. When classes are cancelled, faculty will post online assignments and any additional instructions in the D2L/NS

Online course shell. Check D2L/NS Online for a message from your instructor regarding your online assignment requirements. Faculty have discretion over adjusting deadlines or due date for assignments, but students are responsible for completing all assigned work by the due date established by the instructor.

Class Cancellation Policy

If the class is cancelled, the instructor will notify all students by posting in the D2L/NS Online course, e-mailing through D2L/NS Online, and/or by posting a sign on the classroom door. In the event of class cancellation, students must access D2L/NS Online to complete classwork and the assignment that will be posted in the course D2L site.