

Nashville State Community College
School of STEM
Architectural Design Technology Program

Course Syllabus Spring 2023
ARCT 1100 Architectural Drawing

This syllabus sets forth the expectations for course content, work, and grading as well as expectations for student performance and conduct. The syllabus does not constitute a contract between the student and the instructor or the College. The information contained here is subject to change at any time. Students will be notified if any changes are made. Though changes are possible, it is expected that the course will be conducted as described in this syllabus.

Course Information:

Course Title: ARCT 1100 Architectural Drawing **Credits:** 3
Weekly hours; 2 class hours; 2 lab hours

Course Description:

ARCT 1100 is an introduction to the fundamentals of graphic representation for the 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 drawing geometric shapes, sketches, adjacency diagrams, construction principles and reading construction documents, and use of orthographic projection to create architectural plans, sections, elevations, details and specifications. Classroom is **W91**.

Prerequisite(s): None

Instructor Information:

Name:
Email:
Office Phone

Required Textbook(s) & Other Materials:

Textbook(s): DESIGN DRAWING, Francis D.K. Ching, 2nd Ed., John Wiley & Sons
ISBN: 0470533692

Reference Materials: As posted on D2L

Supplies: Drafting instruments including drafting board, T-square, triangles, architectural scale, drawing compass, drafting tape, vinyl eraser, small cutting blade, various pencils. Some of these are available in room W91. You will start using these the very first day in class.

Starting the first day of class, 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 so they can inform the instructor.

You will be given a Course Schedule that will list all drawing, reading, and research assignments and assignment deadlines, class discussions, tests dates (if any), and other schedule information.

All information about the course will be posted in the ARCT 1100 D2L Course Shell. Weekly assignments will be found in the Content section of D2L. The work will be done in class and turned in to the instructor at the end of class. Any work done outside of class will be submitted to the instructor by posting into the D2L Assignment Dropbox. *With these resources, there is no excuse for not knowing your assignments or when they are due.*

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 hard-line 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:

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

Topics to Be Covered:

1. • The Drawing Process, Five Phases of Design
2. • Figure Ground, Geometry, Motif, Pattern and Texture
3. • Freehand sketching
4. • Plan, Elevation & Section Drawings
5. • Axonometric views, one and two point perspective
6. • Design Drawings
7. • LEED audit
8. • Urban Infill Design project

Course Assessments:

Outcomes and Competencies will be measured by demonstrated ability to meet the requirements of each assignment. Quality of work, adherence to assignment, completeness, and meeting deadlines will be assessed. The standards expected and the level of quality of meeting those standards will be stated with each assignment. There will be lectures, weekly drawing or research assignments, a design project for the second half of the semester, and possibly some quizzes.

Grading Policy:

Grades are based on a point value for each assignment, found on each assignment sheet. Final grade will be based on the points earned out of a course total of 500, and converted to a percentage of 100.

Assignment Points: 18 assignments, total 450 (points will be taken off for lateness). One assignment is for the keeping of a NOTEBOOK. All handouts and D2L material will be kept in a loose-leaf or similar notebook in chronological order.

5 text book readings, total 50 (points will be taken off for lateness)

Total 500

Grading Scale:	Percentage
Letter Grade	Range
A	90-100
B	89-90
C	70-79
D	60-69
F	59 and below

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

Students must inform the instructor ahead of time if an assignment is going to be late. Arrangements for make-up work will be made on a case-by-case basis.

Attendance Policy

The College is not an attendance taking institution as defined by 34 CFR 668.22(b)(1) in the Code of Federal Regulations; however, students are expected to attend all scheduled classes and laboratories.

- Absences in a course may affect a student's final grade.
- Tardiness may also affect a student's final grade.
- Students are responsible for all work/tests that occur during any missed class session(s) regardless of reason(s) for absence.
- Students who are sick or not well enough to attend class must notify the instructor as soon as possible before the scheduled class time, unless incapacitated or unable to do so. In that case, students must contact the instructor as soon as reasonably possible.
- If a student has an unavoidable conflict with a scheduled class session, students must notify the instructor, preferably before the class session, or as soon as possible.

IMPORTANT: *Students who have been exposed to COVID-19 or who have tested positive must email virusinfo@nsc.edu.*

For purposes of financial aid continued attendance is determined via engagement in the course. This can be accomplished in several ways including, but not limited to, continued attendance and/or participation in on-ground class sessions, participating in D2L as prompted (e.g., responding to an instructor's email, posting to a discussion board), and/or completing and submitting assignments.)

To the extent that attendance is kept in this class it is not for the purpose of the College but is instead associated with the instructor's individual grading rubric. The attendance policy for this class is: *Attendance will be taken every week. Unless prearranged, extreme tardiness or leaving class early is counted as an absence.*

FA

According to NSCC policy, an FA is awarded to students who do not officially withdraw from a course and do not attend after the cut-off date provided in the academic calendar. Please refer to the current academic calendar available on the Nashville State web site, looking for the date that indicates it is the “Last Day to Earn F for Attendance (FA).” Students who stop attending on or before this date receive an FA; students who stop attending after this date receive an F.

(For online courses, attendance is defined by submission of assignments. Students who fail a course and whose last assignment is submitted on or before the FA date will earn an FA for the course. Students who fail a course and whose last assignment is submitted after the FA date will earn an F for the course.)

FN

An FN is assigned to students who do not submit any assignments, or to students who stopped attending and didn’t withdraw before “last date to withdraw” which is October 28.

Technology Statement

- All classes at the College are web enhanced.
- It will be essential for students to have access to a computer and an internet connection to complete assignments, engage in online discussions, and access various course materials through D2L/NS Online course shells.
- Students may also be required to use free video conferencing platforms (ex: Zoom, Teams) for classes and meetings.
- Students will be responsible for appropriate dress while on video, for ensuring a distraction free environment (mute sound as needed) and for ensuring their visual background is neutral.
- If you have questions or concerns regarding access to a computer or internet resources, please contact your instructor. Additional information is available at <https://www.nsc.edu/current-students/student-online-resources/access-to-internet-and-technology> .
- Certain publisher materials may not work on cellphones.

Computer Labs

Computers are available for student use at each campus during campus open hours. Open computer lab availability may vary from campus to campus. On the main campus, computer lab availability will be explained the first day of class. As classrooms are often locked when not in use for a class, students should check NSCC website for current hours of operation and appointment process.

D2L/NS Online and myNSCC

For all enrolled courses, it is students’ responsibility to check D2L/NS Online course shells, myNSCC, and 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. Instructors will be constantly emailing the latest information about courses and assignments.

ADA Compliance Statement

Nashville State complies with the Americans with Disabilities Act (ADA). Nashville State complies with the Americans with Disabilities Act (ADA) and so provides accommodations for students with a documented physical, emotional, and/or learning condition. 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.

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 any 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 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.

Student Wellness

- The general well-being of students is an important component of their academic success. With this in mind, Nashville State Community College has several resources available to provide support when needed:
 - Tutoring options and appointments: <https://www.nsc.edu/current-students/on-campus-resources/learning-center-and-tutoring>
 - Academic and student resources for school: <https://www.nsc.edu/current-students/student-online-resources>
 - Support services: <https://www.nsc.edu/current-students/on-campus-resources/student-support-services>

Equity Statement

Nashville State Community College has a relentless commitment to the transformation of our institution through the intentional design of college experiences that expect and promote excellence from students, faculty, staff and administration. We consider equity to be an obligation of higher education. We strive to ensure that each student receives what that student needs to be successful, with goals of success beyond the classroom. We do this through an evidence-based and collaborative effort, understanding that our student population has diverse needs that must be addressed. We recognize that this effort may not always be comfortable and that partnering with students is the driving force to overcome barriers to success.

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 a campus is closed, faculty will post online assignments and any additional instructions in the D2L/NS Online course shell. Check D2L/NS Online, or your student email for a message from your instructor regarding your online assignment requirements. Faculty have discretion over adjusting deadlines or due dates 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 class work and the assignment that will be posted in the course D2L site.

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