Course Information:

ACT 2650 - Construction Documents w/REVIT

3 Credits
2 class hour
2 lab hours

An advanced course focusing on the understanding and production of construction drawings and documents using Building Information Modeling (BIM) software.

Prerequisites: CAD 1650, ACT 1341 or industry-equivalent experience

COURSE LEARNING OUTCOMES:

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

1. Understand
2. Create free hand perspective drawings using color and mixed media representation.
3. Improve upon basic understanding of value, context, texture, shade, and shadow.
4. Develop the ability to understand and sketch construction details and the components of a building
5. Develop the ability to communicate concepts through composition and presentation.
The following are general education competencies intended to support the course outcomes:

Topics to Be Covered:
- Speculative drawing
- thinking on paper
- Developing Fluency
- analytical Diagrams
- Diagraming Relationships
- Developing concepts

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:

<table>
<thead>
<tr>
<th>Letter Grade</th>
<th>Percentage Range</th>
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<tbody>
<tr>
<td>A</td>
<td>100-90</td>
</tr>
<tr>
<td>B</td>
<td>89-80</td>
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<tr>
<td>C</td>
<td>79-70</td>
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<tr>
<td>D</td>
<td>69-60</td>
</tr>
<tr>
<td>F</td>
<td>F 59 – below</td>
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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.

Grading Scale:

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.

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@nscc.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 the exercise, paper, or examination, or to assign an “F” for the course. Students may appeal through the appropriate college grade appeal procedures.

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 in conduct which violates the general rules and regulations of the College.

Disruptive behavior in the classroom may be defined as, but is not limited to, behavior that obstructs or disrupts the learning environment (e.g., offensive language, harassment of students and professors, repeated outbursts from a student which disrupt the flow of instruction or prevent concentration on the subject taught, failure to cooperate in maintaining classroom decorum, etc.), the continued use of any electronic or other noise or light emitting device which disturbs others (e.g., disturbing noises from beepers, cell phones, palm pilots, lap-top computers, games, etc.).

*Please be aware that children are not allowed in class or unattended on campus.*

**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 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/nscc 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.nscc.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.