



Course Syllabus

<http://www.sylvaniasouthview.org>

Construction Technologies II

- **Mr. Bob Johnson Rooms 143 & 144**
sy.robert.johnson@nwoca.org 419.824.8735
Available for conference or discussion periods 4, 5, 6 and before school.
- **Class meets periods 7 - 9 (12:07 to 2:25)**

Course Description Construction Technologies II is the second year offering of a two-year Tech Prep program. During this course, students will learn blueprint reading, complete a capstone project, narrow their focus on a construction career, and, if qualified, take part in early placement. It is expected that after completing this second year, the student will elect further education at a two-year or four-year college, or an apprenticeship in one of the construction trades.

- **Textbooks:**

Print Reading for Construction

Walter C. Brown and Daniel P. Dorfmeuller

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ISBN 13:978-1-59070-347-2

- **Grading:** This course:
 - uses a point system and % score
 - is weighted heavily in areas of participation and attendance
 - gives students opportunities for extra credit
 - gives students leadership opportunities
- **Class Expectations:** This course *requires* that each student be prepared for daily class activities. Required each day are 2 #2 pencils, a black or blue pen, lined loose-leaf notebook paper, and an index for a three-ring binder. Failure to arrive to class prepared for regular activities will result in a zero for such activities
- *Late work:* Students submitting work after it is due will receive a 10% penalty for each day late.
- *Make-up work:* Students who miss work due to an absence, which has been verified and excused by the attendance office, may make up the work. ***Students are responsible for requesting and arranging the make-up.*** Extraordinary situations will receive attention on a case-by-case basis.
- *Typing:* Students must type all out-of-class written assignments unless given specific permission to hand-write. Failure to follow this rule will result in a zero for the assignment.

- *Formatting:* All typed work must follow MLA formatting guidelines (discussed in *Writer's Inc.*). Students must bind multi-page assignments with a staple; students must bind all package assignments with a paper clip. All submitted work, of any type, must include the student's first and last name and date. Failure to follow these rules will result in a 20% grade reduction.
- *Paper Files:* Students must submit a soft copy (computer file) of any paper assignment of 400 words or more. That file is due at the same time as the hard copy, but students may submit it on a flash drive (preferred), CD, or via email. Failure to follow this rule will result in a 20% grade reduction.
- *Keeping work:* Student writing provides an opportunity for continued learning, so students will keep all written work in their three-ring binder. The binder must be kept orderly and may be inspected for a grade at Mr. Johnson's discretion.
- *Handbook policy:* Mr. Johnson vigorously and enthusiastically enforces handbook rules including rules on tardiness, cell phone disruptions, and cheating. Your signature of handbook acceptance constitutes your only warning.
- **Suggestions for Success:**
 1. Follow all the class policies. Failure to do so will result in loss of points.
 2. Ask for help in class, out of class, and in your sleep.
 3. Take an active part in your own education through inquiry and opinions. Mr Johnson respects any and all questions. Tutoring is available at your request. Don't be afraid to ask!!
 4. Check the Construction Technologies home page at <http://www.edu-core.org/byow/folders/mrj/home.asp> daily to keep up with assignments and for important information

Affidavit:

Name _____ Const. Tech I Date _____

Signed _____

(student)

(Parent)

Student email: _____

Yes, I would like to receive regular grade reports sent to the above email address.

Parent email: _____

Yes, I would like to receive regular grade reports sent to the above email address.

YEAR 2

Week	Units & Competencies	Assessment Strategies	Projects
Contextually throughout the year	Unit 5 Communications Competencies 5.1, 5.2, 5.3, 5.4, 5.5, 5.6, Unit 6 Leadership & Teamwork Competencies 6.3, 6.4, 6.5, 6.6 Unit 7 Safety Competencies 7.1, 7.2, 7.3, 7.4, 7.5	Written, oral, performance based test/projects Rubric/check-off sheets Multi-media technology Blueprint specifications Building code checklist Industry/manufacture specifications	
One	Review skill areas of Unit 14 Carpentry Review Unit 2 Materials Review Unit 5 Communications	Written, oral, performance based test/projects Rubric/check-off sheets Multi-media technology Blueprint specifications Building code checklist Industry/manufacture specifications	
Two	Review skill areas of Unit 14 Carpentry Review Unit 2 Materials Review Unit 5 Communications	Written, oral, performance based test/projects Rubric/check-off sheets Multi-media technology Blueprint specifications Building code checklist Industry/manufacture specifications	Week 2-29 Given a set of costs cost comparison between conventional built home operation of the home <i>Inquiry-based</i>
Three	Unit 2 Materials Competencies 2.2 Unit 4 Inter-relational Systems Competencies 4.3, 4.4, 4.5 Unit 13 Basic Construction Skills Competencies 13.7, 13.8 Unit 14 Carpentry Competency 14.18	Written, oral, performance based test/projects Rubric/check-off sheets Multi-media technology Blueprint specifications Building code checklist Industry/manufacture specifications	
Four	Unit 2 Materials Competencies 2.2 Unit 4 Inter-relational Systems Competencies 4.3, 4.4, 4.5 Unit 13 Basic Construction Skills Competencies 13.7, 13.8 Unit 14 Carpentry Competency 14.18	Written, oral, performance based test/projects Rubric/check-off sheets Multi-media technology Blueprint specifications Building code checklist Industry/manufacture specifications	

Week	Units & Competencies	Assessment Strategies	Projects
Five	Unit 2 Materials Competencies 2.2 Unit 4 Inter-relational Systems Competencies 4.3, 4.4, 4.5 Unit 13 Basic Construction Skills Competencies 13.7, 13.8 Unit 14 Carpentry Competency 14.18	Written, oral, performance based test/projects Rubric/check-off sheets Multi-media technology Blueprint specifications Building code checklist Industry/manufacturer specifications	
Six	Unit 2 Materials Competencies 2.2 Unit 4 Inter-relational Systems Competencies 4.3, 4.4, 4.5 Unit 13 Basic Construction Skills Competencies 13.7, 13.8 Unit 14 Carpentry Competency 14.18	Written, oral, performance based test/projects Rubric/check-off sheets Multi-media technology Blueprint specifications Building code checklist Industry/manufacturer specifications	
Seven	Unit 2 Materials Competencies 2.2 Unit 4 Inter-relational Systems Competencies 4.3, 4.4, 4.5 Unit 13 Basic Construction Skills Competencies 13.7, 13.8 Unit 14 Carpentry Competency 14.18	Written, oral, performance based test/projects Rubric/check-off sheets Multi-media technology Blueprint specifications Building code checklist Industry/manufacturer specifications	
Eight	Unit 2 Materials Competencies 2.2 Unit 4 Inter-relational Systems Competencies 4.3, 4.4, 4.5 Unit 13 Basic Construction Skills Competencies 13.7, 13.8 Unit 14 Carpentry Competency 14.18	Written, oral, performance based test/projects Rubric/check-off sheets Multi-media technology Blueprint specifications Building code checklist Industry/manufacturer specifications	

Week	Units & Competencies	Assessment Strategies	Projects
Nine	Unit 2 Materials Competencies 2.2 Unit 4 Inter-relational Systems Competencies 4.3, 4.4, 4.5 Unit 13 Basic Construction Skills Competencies 13.7, 13.8 Unit 14 Carpentry Competency 14.18	Written, oral, performance based test/projects Rubric/check-off sheets Multi-media technology Blueprint specifications Building code checklist Industry/manufacturer specifications	
Ten	Unit 14 Carpentry Competency 14.19	Written, oral, performance based test/projects Rubric/check-off sheets Multi-media technology Blueprint specifications Building code checklist Industry/manufacturer specifications	
Eleven	Unit 14 Carpentry Competency 14.19	Written, oral, performance based test/projects Rubric/check-off sheets Multi-media technology Blueprint specifications Building code checklist Industry/manufacturer specifications	
Twelve	Unit 14 Carpentry Competency 14.20	Written, oral, performance based test/projects Rubric/check-off sheets Multi-media technology Blueprint specifications Building code checklist Industry/manufacturer specifications	
Thirteen	Unit 14 Carpentry Competency 14.20	Written, oral, performance based test/projects Rubric/check-off sheets Multi-media technology Blueprint specifications Building code checklist Industry/manufacturer specifications	
Fourteen	Unit 14 Carpentry Competency 14.21	Written, oral, performance based test/projects Rubric/check-off sheets Multi-media technology Blueprint specifications Building code checklist Industry/manufacturer specifications	
Fifteen	Unit 14 Carpentry Competency 14.21	Written, oral, performance based test/projects Rubric/check-off sheets Multi-media technology Blueprint specifications Building code checklist Industry/manufacturer specifications	
Sixteen	Unit 14 Carpentry Competency 14.21	Written, oral, performance based test/projects Rubric/check-off sheets Multi-media technology Blueprint specifications Building code checklist Industry/manufacturer specifications	
Seventeen	Unit 14 Capentry Competency 14.22, 14.23	Written, oral, performance based test/projects Rubric/check-off sheets Multi-media technology Blueprint specifications Building code checklist Industry/manufacturer specifications	
Eighteen	Summative Exam		

Nineteen	Unit 14 Carpentry Competency 14.22, 14.23	Written, oral, performance based test/projects Rubric/check-off sheets Multi-media technology Blueprint specifications Building code checklist Industry/manufacturer specifications	
Twenty	Unit 14 Carpentry Competency 14.22, 14.23	Written, oral, performance based test/projects Rubric/check-off sheets Multi-media technology Blueprint specifications Building code checklist Industry/manufacturer specifications	
Twenty-One	Unit 1 Career Expl. & Development Competencies 1.5, 1.6, 1.7, 1.8, 1.9	Written, oral, performance based test/projects Rubric/check-off sheets Multi-media technology Blueprint specifications Building code checklist Industry/manufacturer specifications	
Twenty-Two	Unit 1 Career Expl. & Development Competencies 1.5, 1.6, 1.7, 1.8, 1.9	Written, oral, performance based test/projects Rubric/check-off sheets Multi-media technology Blueprint specifications Building code checklist Industry/manufacturer specifications	

Week	Units & Competencies	Assessment Strategies	Projects
Twenty-Three	Unit 3 Estimating Competencies 3.3, 3.5	Written, oral, performance based test/projects Rubric/check-off sheets Multi-media technology Blueprint specifications Building code checklist Industry/manufacturer specifications	
Twenty-Four	Unit 3 Estimating Competencies 3.3, 3.5	Written, oral, performance based test/projects Rubric/check-off sheets Multi-media technology Blueprint specifications Building code checklist Industry/manufacturer specifications	
Twenty-Five	Unit 5 Estimating Competency 5.7	Written, oral, performance based test/projects Rubric/check-off sheets Multi-media technology Blueprint specifications Building code checklist Industry/manufacturer specifications	
Twenty-Six	Unit 12 Business Practices Unit 13 Basic Construction Skills Competency 13.10	Written, oral, performance based test/projects Rubric/check-off sheets Multi-media technology Blueprint specifications Building code checklist Industry/manufacturer specifications	
Twenty-Seven	Unit 12 Business Practices Unit 13 Basic Construction Skills Competency 13.10	Written, oral, performance based test/projects Rubric/check-off sheets Multi-media technology Blueprint specifications Building code checklist Industry/manufacturer specifications	
Twenty-Eight	Unit 12 Business Practices Unit 13 Basic Construction Skills Competency 13.10	Written, oral, performance based test/projects Rubric/check-off sheets Multi-media technology Blueprint specifications Building code checklist Industry/manufacturer specifications	
Twenty-Nine	Unit 13 Basic Construction Skills Competency 13.9	Written, oral, performance based test/projects Rubric/check-off sheets Multi-media technology Blueprint specifications Building code checklist Industry/manufacturer specifications	
Thirty	Application/OJT	Written, oral, performance based test/projects Rubric/check-off sheets Multi-media technology Blueprint specifications Building code checklist Industry/manufacturer specifications	
Thirty-One	Application/OJT	Written, oral, performance based test/projects Rubric/check-off sheets Multi-media technology Blueprint specifications Building code checklist Industry/manufacturer specifications	
Thirty-Two	Application/OJT	Written, oral, performance based test/projects	

		Rubric/check-off sheets Multi-media technology Blueprint specifications Building code checklist Industry/manufacturer specifications	
Thirty-Three	Application/OJT	Written, oral, performance based test/projects Rubric/check-off sheets Multi-media technology Blueprint specifications Building code checklist Industry/manufacturer specifications	
Thirty-Four	Application/OJT	Written, oral, performance based test/projects Rubric/check-off sheets Multi-media technology Blueprint specifications Building code checklist Industry/manufacturer specifications	
Thirty-Five	Application/OJT	Written, oral, performance based test/projects Rubric/check-off sheets Multi-media technology Blueprint specifications Building code checklist Industry/manufacturer specifications	
Thirty-Six	Summative Exam		