



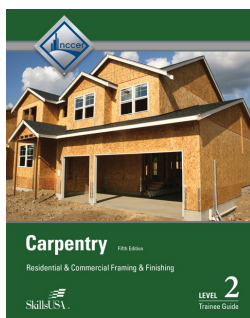
Pearson

Pearson

Tennessee CTE 2016 Adoption: Structural Systems II

Carpentry, Level 2, Fifth Edition, Trainee Guide with NCCERConnect online access

ISBN: 9780134274621



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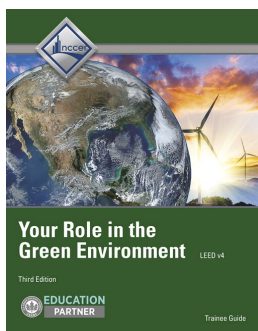
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Your Role in the Green Environment, Trainee Guide

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Components of Tennessee Structural Systems II Student Edition Package ISBN 9780134529684:

- Carpentry Level 2, Fifth Edition Trainee Guide
- NCCERConnect online access
- Your Role in the Green Environment Trainee Guide

For more information, or questions, please email cte@pearson.com.

Tennessee Structural Systems Level 2 Trainee Guide

Pearson Response to TN Reviewer Comments

List of Changes

- An addendum containing new material was added the Trainee Guide.
- A corresponding addendum containing new material was added to the Instructor Guide.
- Tables of Contents for the Trainee Guide and the Instructor Guide were updated to show the addition of the addenda.

Addenda Details

The **Trainee Guide Addendum (Tennessee Learning Addendum)** contains college and career readiness content and six additional NCCER modules:

00101-15 Basic Safety
44105-08 Construction Documents
44101-08 Introduction to Project Management
00108-15 Basic Employability Skills
00107-15 Basic Communication
00105-15 Introduction to Construction Drawings

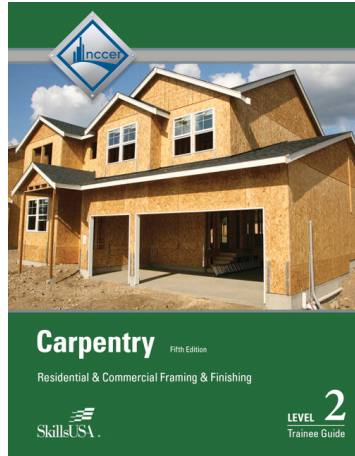
The **Instructor Guide Addendum (Tennessee Teaching Addendum)** contains college and career readiness content and the instructor support for the same six additional NCCER modules:

00101-15 Basic Safety
44105-08 Construction Documents
44101-08 Introduction to Project Management
00108-15 Basic Employability Skills
00107-15 Basic Communication
00105-15 Introduction to Construction Drawings

The **Tennessee Teaching Addendum** also contains additional instructor support for Tennessee Department of Education Standards: Safety (1), Tools and Equipment (4), Construction Industry Principles (5) and (6), Cold-Formed Steel Framing (9) and (10), Exterior Finishing (11), (12), and (13), Thermal and Moisture Protection (16) and (17), Roofing Applications (19), Cabinet Installation (32), Green Building (33), Business & Project Management (38):

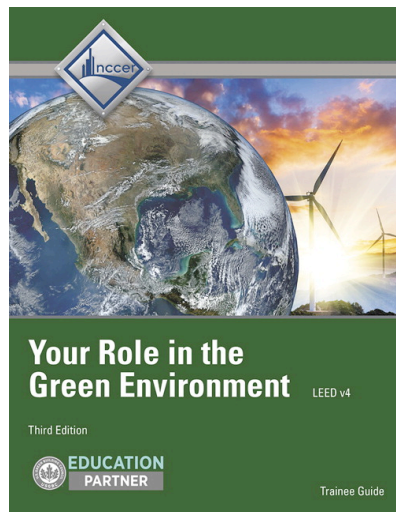
**A Correlation and Narrative Brief of
Tennessee Structural Systems II (Level 3)**
This package contains:

Carpentry Framing and Finishing, Level 2, 5E



and

Your Role in the Green Environment, 3E



**To the
Tennessee Learning Expectations
for
Structural Systems II**

TEXTBOOK NARRATIVE FOR THE STATE OF TENNESSEE

Tennessee Structural Systems II (Level 3), © 2016 Package ISBN: 978-0-13-452968-4

SUMMARY:

- NCCERconnect – eLearning Series is a new and improved online supplement in XL platform. This unique online course supplement in the form of an electronic book and essential course management tools is delivered through an exceptional user-friendly interface, www.nccerconnect.com. NCCERconnect provides a range of visual, auditory, and interactive elements to enhance student learning and instructor delivery of craft training.
- The realistic ebook experience consists of the actual print book and integrated tools such as highlighting, notes, zoom, bookmarks, search capability, and more! The etext contains links to active figures.
- Prebuilt homework assignments enable students to work at any time, and they incorporate a scores report to gradebook. Homework assignments contain module reading, concept checks, and drag-and-drop Trade Term questions.
- Quiz assignments contain Review Questions in multiple choice, and they incorporate scores report back to gradebook.
- Multimedia library is searchable by modules and contains PPTs and resources.
- Student Support Page includes a written learning pathway for students so they know what is found within the course and how to use the resource. The page also includes technical support resources.

NEW TO THIS EDITION:

This package contains *Carpentry Framing and Finishing, Level 2, 5E*, ISBN 978-0-13-34046-5 and *Your Role in the Green Environment, 3E*, ISBN 978-0-13-602303-6.

- *Carpentry Level 2* presents a new instructional design and features a streamlined teaching approach that includes breaking information into objectives and sub-objectives. The format enhances the learning experience by presenting concepts in a clear, concise, and easily digestible manner.
- It features a new training order and incorporates the latest tools, techniques, and technology of the trade.
- The text offers two different career paths: residential carpentry and commercial carpentry. This provides learners with the opportunity to explore both specialized areas.
- “Roofing Applications” and “Exterior Finishing” modules are offered as electives for students on the commercial construction path.
- “Commercial Drawing” and “Suspended Ceilings” are available as electives for students on the residential construction path.
- *Your Role in the Green Environment* covers the impacts of the built environment on the green environment. It introduces methods to reduce negative impacts and explains how to apply the principles of a green building rating system.

SUPPLEMENTS:

The NCCERconnect Instructor access card, ISBN 9780134261485, provides free access to all NCCER courses in www.nccerconnect.com, including the Carpentry Level 2 course. NCCERConnect provides all the standard XL instructor tools:

- Course Home Manager

- Assignment Manager
- Gradebook displays students' results of Concept Checks, Review Questions, and any additional quizzes/tests added to your course.
- Roster/Course Details
- Course Settings
- Multimedia Library
- Instructor Toolkit provides easy access to lesson plans and lecture slide presentations.
- Customization of your course is easy and allows for maximum flexibility. Move existing folders or create new ones. Add/upload your own content or create additional tests/quizzes. It's all here!
- Instructor Support Page includes a written summary of what is found within the course. The page also includes technical support resources.

The Instructor's Package, ISBN 978-0-13-452969-1 contains the following:

A printed Instructor's Resource Guide package for Carpentry Level 2, ISBN 978-0-13-416621-6, provides access to the NCCER Instructor Resource Center and includes printed Lesson Plans and an instructor's copy of the Trainee Guide. The NCCER Instructor Resource Center contains the following digital resources:

- Lesson Plans
- Module PowerPoints
- Performance Profile Sheet
- TestGen

A printed Instructor's Guide for Your Role in the Green Environment, ISBN 978-0-13-602304-3, provides access to the NCCER Instructor Resource Center and includes printed Lesson Plans and an instructor's copy of the Trainee Guide. The NCCER Instructor Resource Center contains the following digital resources:

- Lesson Plans
- Module PowerPoints
- Performance Profile Sheet
- TestGen

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Tennessee Department of Education Standards for Structural Systems II	Tennessee Structural Systems II (Level 3), © 2016
Structural Systems II	
Course Standards	
Safety	
1) Identify safety hazards on a jobsite and demonstrate practices for safe working. Accurately read, interpret, and demonstrate adherence to safety rules, including but not limited to rules pertaining to electrical safety, Occupational Safety and Health Administration (OSHA) guidelines, and state and national code requirements. Be able to distinguish between the rules and explain why certain rules apply. Recognize and employ universal construction signs and symbols such as colors, flags, stakes, and hand signals that apply to construction workplace situations. Research and evaluate construction company safety plans from local industry. Explain the need for jobsite security to prevent liability. Drawing from examples, create and implement a jobsite safety program in the class to ensure safe practices and procedures including jobsite security procedures. (TN Reading 3, 4, 6; TN Writing 2, 4)	Carpentry Level Two: 27204-13 Exterior Finishing SE/TE: 2.0.0 Carpentry Level Two: 27202-13 Roofing Applications SE/TE: 4.0.0-4.9.0 Module 00101-15 Basic Safety See SE/TE Addendum
2) Maintain safety records and demonstrate adherence to industry-standard practices regarding general machine safety, tool safety, equipment safety, electrical safety, and fire safety to protect all personnel and equipment. For example, when operating tools and equipment, regularly inspect and carefully employ the appropriate personal protective equipment (PPE), as recommended by Occupational, Safety & Health Administration (OSHA) regulations. Incorporate safety procedures when operating tools and equipment, such as hand and power tools, ladders, scaffolding, and lifting equipment. Complete safety test with 100 percent accuracy. (TN Reading 3, 4)	Carpentry Level Two: 27202-13 Roofing Applications SE/TE: 3.0.0-4.9.0 Module 00101-15 Basic Safety See SE/TE Addendum
3) Follow procedures to work safely around materials. Adhere to responsibilities for employees in material safety as outlined by the Hazard Communication Standard (HazCom), such as locating and interpreting material safety data sheets (MSDS). For example, obtain an MSDS for a given material from a supplier in the community. Demonstrate safe procedures to move materials by planning the movement, properly lifting, stacking, and storing materials, and selecting proper materials-handling equipment. (TN Reading 3, 4)	Carpentry Level Two: 27204-13 Exterior Finishing SE/TE: 2.0.0 Carpentry Level Two: 27203-13 Thermal and Moisture Protection SE/TE: 2.3.0-2.3.5 Module 00101-15 Basic Safety See SE/TE Addendum
Tools & Equipment	

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Tennessee Department of Education Standards for Structural Systems II	Tennessee Structural Systems II (Level 3), © 2016
4) For each of the systems covered in this course, identify and select the proper tools and accessories, critique the readiness of the tools, use the tools to accomplish the desired tasks, and then return the tools and accessories to their proper storage. Research a new technology recently developed for the construction industry. Write persuasively to convince an employer how the use of the technology could benefit the company, citing evidence from resources. For example, describe how a new power tool could improve efficiency and reduce muscle fatigue for a construction team. (TN Reading 1, 2, 3, 4; TN Writing 1, 4, 7, 9)	Carpentry Level Two: 27205-13 Cold-Formed Steel Framing SE/TE: 2.0.0-3.4.0 Carpentry Level Two: 27202-13 Roofing Applications SE/TE: 3.0.0-13.2.0 See TE Addendum
Construction Industry Principles	
5) Locate and assess the Tennessee Contractor's Licensing Board's website and analyze the policies and requirements for construction work in Tennessee. Explain how such policies impact local construction businesses. (TN Reading 2, 3, 4)	See TE Addendum
6) Consult a variety of sources to describe alternatives to traditional project delivery methods, such as the design-build and construction management-related methods, distinguishing among the roles and relationships of various construction personnel in each scenario. Examine the project delivery method of an actual company. Develop a company profile with supporting graphics the company could share with a client describing the services provided and explaining the project delivery method used by the company. (TN Reading 2, 3, 4, 5, 7; TN Writing 2, 4, 8; NCCER 44105-08)	44105-08 Construction Documents SE/TE: 7.0.0-7.4.0 See SE/TE Addendum See TE Addendum
Structural System Loads	
7) Categorize and describe the structural loads that act on a building, including vertical loads (such as dead loads, live loads, and rain loads) and lateral loads (such as wind and earthquakes). Drawing on textbooks and other resources, create a visual display with supporting text to explain how the various loads act on a building's structural system. (TN Reading 2, 4, 5, 7; TN Writing 2; TN Physics 1)	Not covered
8) Distinguish among the types of structural failures that can occur in a structural system, including compressive failures, tensile failures, and buckling failures. Explain how specific components of a structural system prevent structural failures based on descriptions in texts and through classroom experiments, synthesizing information gathered from both to illustrate concepts. For example, explain how blocking between studs in a wood frame wall prevents the buckling of studs. (TN Reading 2, 4, 5, 7, 8, 9; TN Writing 2)	Not covered
Cold-Formed Steel Framing	

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9) Examine the components, fasteners, tools, and procedures used in cold-formed steel framing; compare and contrast cold-formed steel framing with wood framing in building construction. Outline the major similarities and differences in each and write persuasively to provide a recommendation to a client for a specific project. (TN Reading 2, 3, 4; TN Writing 1, 4, 9; NCCER 27205-13)	Carpentry Level Two: 27205-13 Cold-Formed Steel Framing SE/TE: 2.0.0-4.2.8 See TE Addendum
10) Demonstrate the ability to build steel frame components including back-to-back, box, and L-headers. Work in teams to lay out and install steel stud walls (both structural and non-structural) with openings to include bracing and blocking by implementing required safety techniques, tools, and equipment. (TN Reading 3; TN Math N-Q; NCCER 27205-13)	Carpentry Level Two: 27205-13 Cold-Formed Steel Framing SE/TE: 5.0.0-7.4.1 See TE Addendum
Exterior Finishing	
11) Examine a wall section drawing for a specific building. Identify, define, and explain the function of each component including wall insulation, flashing, and the structure of the cornice. Draw from textbooks and other resources to annotate the wall section drawing with notes explaining the purpose of each component. (TN Reading 1, 2, 3, 4, 5, 7; Writing 2, 4, 9; NCCER 27204-13)	Carpentry Level Two: 27201-13 Commercial Drawings SE/TE: 1.12-13 Carpentry Level Two: 27204-13 Exterior Finishing SE/TE: 3.0.0-4.0.0 See TE Addendum
12) Interpret wall section drawings to safely construct a cornice. For example, accurately measure materials, employ tools, and follow procedures to build a box cornice, checking for accuracy in each step. (TN Reading 3; TN Math N-Q; NCCER 27204-13)	Carpentry Level Two: 27204-13 Exterior Finishing SE/TE: 4.0.0-4.2.0 See TE Addendum
13) Analyze various finish systems used to sheath a building, including but not limited to wood siding, fiber-cement siding, vinyl siding, metal siding, stucco, and masonry veneer finishes. Perform a case study of three different buildings in the community which are sheathed in different ways, hypothesizing why the different materials and methods were selected for each. (TN Reading 2, 3, 4; NCCER 27204-13)	Carpentry Level Two: 27204-13 Exterior Finishing SE/TE: 5.0.0-10.0.0 See TE Addendum
14) Estimate the siding materials needed to cover a building utilizing mathematical principles such as area formulas and quantitative reasoning. Utilize the appropriate procedures, tools, and materials to install various types of siding. For example, identify three siding methods that are commonly used in the area and demonstrate the ability to plan the installation of and install each. (TN Reading 3; Math N-Q; NCCER 27204-13)	Carpentry Level Two: 27204-13 Exterior Finishing SE/TE: 5.0.0-10.0.0
Thermal & Moisture Protection	

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15) Explain the impact of heat transfer in a building, including heat loss during cold temperatures and heat gain during warm temperatures. Describe how building components such as insulation work to resist the transfer of heat in a structure. Interpret charts and graphs in building codes to determine the recommended r-values of insulation in a given location. (TN Reading 2, 4, 5; TN Physical Science 2; TN Physics 2; NCCER 27203-13)	Carpentry Level Two: 27203-13 Thermal and Moisture Protection SE/TE: 2.0.0-2.3.5
16) Categorize the various types of insulation based on their characteristics and installation method. Summarize the key properties and installation procedures of each insulation type in a visual display. (TN Reading 2, 3, 4, 7; NCCER 27203-13)	Carpentry Level Two: 27203-13 Thermal and Moisture Protection SE/TE: 2.3.0-3.4.0 See TE Addendum
17) Describe the materials and methods used in a structure for moisture control, waterproofing, and ventilation. In a written narrative, explain how a vapor barrier protects an interior from moisture and describe the permeability rating necessary for a material to be considered a vapor retarder. Write guidelines for a builder or architect to use as reference when selecting appropriate vapor barriers for a specific location based on the climate and other factors, citing evidence from textbooks and other resources. (TN Reading 1, 2, 4; TN Writing 2, 4, 7, 9; NCCER 27203-13)	Carpentry Level Two: 27203-13 Thermal and Moisture Protection SE/TE: 4.0.0-6.0.0 See TE Addendum
18) Interpret construction drawings and building codes to select and estimate the thermal and moisture protection materials needed to complete a project utilizing mathematical principles such as area formulas and quantitative reasoning. Utilize the appropriate procedures, tools, and materials to install blanket insulation in a wall, a vapor barrier on a wall, and building wraps. (TN Reading 2, 3, 4; TN Math N-Q; NCCER 27203-13)	Carpentry Level Two: 27203-13 Thermal and Moisture Protection SE/TE: 2.1.0-2.2.0, 3.1.0
Roofing Applications	
19) Compare and contrast the materials, methods, and procedures for roofing with fiberglass shingles with other roofing materials such as wood shingles, metal roofing, and membrane-type roofing systems. Perform a cost analysis for a client to help the client choose between two roofing materials for a specific project given the site location, project budget, environmental considerations, and other factors. (TN Reading 2, 3, 4; TN Math N-Q; NCCER 27202-13)	Carpentry Level Two: 27202-13 Roofing Applications SE/TE: 2.0.0-2.12.0 See TE Addendum

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20) Apply the appropriate tools, equipment, and procedures to safely install shingles on a roof including strategies for watertight installation, using quantitative reasoning and geometric formulas where applicable. For example, interpret construction documents to estimate the roofing materials needed to install fiberglass shingles on a gable roof. After preparing the roof with underlayment, flashing, and other preparation materials, install fiberglass shingles, install a cricket or saddle, and install ridge caps. (TN Reading 3; TN Math N-Q, G-SRT; NCCER 27202-13)	Carpentry Level Two: 27202-13 Roofing Applications SE/TE: 6.0.0-6.4.5
Windows, Doors, and Door Hardware	
21) Describe the common styles and components of windows. Read and interpret construction drawings, window schedules, specifications, and manufacturers' information to determine the types of window and installation procedures required for a project. Apply the appropriate tools, equipment, and procedures to safely install windows. (TN Reading 2, 3, 4)	27210-07 Window, Door, Floor, and Ceiling Trim: 4.0.0
22) Analyze the parts of a door frame, including sills, jambs, and casings, and describe different interior door types. Read and interpret door schedules and other construction documents to determine the type of door and door hardware required for a project. (TN Reading 2, 4; NCCER 27208-13, 27201-13)	Carpentry Level Two: 27208-13 Doors and Door Hardware SE/TE: 3.0.0-3.3.0, 4.0.0, 5.0.0, 6.0.0 Optional Supplement- Carpentry Level Two: 27201-13 Commercial Drawings SE/TE: 3.0.0-3.1.4
23) Apply the appropriate tools, equipment, and procedures to safely install a door, including checking the plumb and square of a door frame and installing a prehung door unit. Demonstrate proper procedures to work with door hardware, including laying out and cutting hinges in a wooden door and installing door closers and locksets. (TN Reading 3; TN Math N-Q; NCCER 27208-13)	Carpentry Level Two: 27208-13 Doors and Door Hardware SE/TE: 4.0.0-9.0.0
Drywall Installation & Finishing	
24) Describe the various components involved in drywall installation, including the types of drywall, drywall fasteners and adhesives, and drywall accessories. Explain the procedure to install drywall, noting the proper tools involved. Describe the role drywall plays in sound isolation and fireproofing, outlining how fire-rated walls are constructed. (TN Reading 3, 4, 5; NCCER 27206-13)	Carpentry Level Two: 27206-13 Drywall Installation SE/TE: 2.0.0-5.4.0, 10.0.0-11.0.0
25) Read and interpret drawings to select the type and thickness of drywall required for a specific installation. Utilize quantitative reasoning to estimate the amount of drywall, fasteners, and finishing materials needed for a project. (TN Reading 2, 4, 6; TN Math N-Q; NCCER 27206-13)	Carpentry Level Two: 27206-13 Drywall Installation SE/TE: 2.2.0, 4.2.0-4.3.0

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26) Install gypsum drywall panels on stud walls and ceilings using different types of fastening systems, including nails, screws, and adhesives. Perform single-layer and multi-layer installations by implementing required safety techniques, tools, and equipment. Describe the differences in procedures for installing gypsum panels on steel wall frames. (TN Reading 2, 3; TN Math N-Q; NCCER 27206-13)	Carpentry Level Two: 27206-13 Drywall Installation SE/TE: 3.0.0-5.4.0
Drywall Finishing	
27) Describe the procedures, tools, and materials used in drywall finishing, indicating the purpose of each material. Read and interpret industry standards regarding drywall finish such as the <i>Recommended Levels of Gypsum Board Finish</i> . Observe finished drywall and determine the level of finish, citing evidence from industry standards documents. (TN Reading 1, 2, 3, 4, 6, 7; TN Writing 9; NCCER 27207-13)	Carpentry Level Two: 27207-13 Drywall Finishing SE/TE: 2.0.0-5.4.5
28) Implement the proper procedures, tools, and materials to finish drywall. Procedures include preparing compounds, taping joints, applying joint compounds, sanding, spotting fastener heads, and finishing corners. (TN Reading 3; NCCER 27207-13)	Carpentry Level Two: 27207-13 Drywall Finishing SE/TE: 2.0.0-5.4.5
29) Diagnose the cause and determine the appropriate solution for problems that occur in drywall finishing, citing evidence from textbooks or technical manuals in order to justify why the chosen solution is appropriate. Implement the proper tools and procedures to patch damaged drywall. (TN Reading 1, 2, 3, 4; TN Writing 9; NCCER 27207-13)	Carpentry Level Two: 27207-13 Drywall Finishing SE/TE: 6.0.0-6.4.7
Window, Door, Floor, and Ceiling Trim	
30) Distinguish among the different types of standard trim, including base, wall, ceiling, window, and door trim. Utilize the proper tools, equipment, and procedures to make square cuts, miter cuts, and coped joint cuts in trim. (TN Reading 2, 3, 4; NCCER 27210-13)	Carpentry Level Two: 27210-13 Window, Door, Floor, and Ceiling Trim SE/TE: 2.0.0-3.3.0
31) Apply the appropriate tools, fasteners, and procedures to install window, door, floor, and ceiling trim. Estimate the quantities of different trim materials needed for a given room. (TN Reading 3; TN Math N-Q; NCCER 27210-13)	Carpentry Level Two: 27210-13 Window, Door, Floor, and Ceiling Trim SE/TE: 3.0.0-8.0.0
Cabinet Installation	

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32) Identify the components which make up a basic set of cabinets, analyzing the purpose of and interrelationships among each component and explaining the sequence in which each is constructed. Components include wall cabinets, base cabinets, countertops, and cabinet hardware. Read and interpret drawings and technical manuals to determine the steps, equipment, and materials needed to lay out and install a basic set of cabinets. Develop a timeline and action steps needed to complete a cabinet installation. For example, narrate the steps in an explanatory text that a peer could use to install a set of cabinets. (TN Reading 1, 2, 3, 4, 5, 7; TN Writing 2, 4; NCCER 27211-13)	Carpentry Level Two: 27211-13 Cabinet Installation: SE/TE: Entire module See TE Addendum
Green Building 33) Research and identify green strategies used in the design and construction of buildings specifically impacting carpenters. Drawing on resources such as those from the U.S. Green Building Council, discuss green work practices of carpenters, such as reducing waste in the construction process, citing resources to support claims. (TN Reading 1, 2, 4; NCCER 70101-09)	Optional Supplement- 70101-09 Your Role in the Green Environment SE/TE: 2.0.0-2.6.4 See TE Addendum
Construction Drawings & Specifications	
34) Explain the relationship between construction drawings and specifications. For example, describe how both the construction drawings and specifications provide information about the exterior sheathing indicated for a building. Examine construction drawings and specifications, to determine the requirements of the sheathing for a given part of a building, and verify with measurements and other sources as needed. (TN Reading 1, 2, 4, 5, 6, 7, 8; NCCER 27201-13)	Carpentry Level Two: 27201-13 Commercial Drawings SE/TE: 1.1-28, 1.30-32 44105-08 Construction Documents SE/TE: 4.0.0-4.3.0 See TE Addendum
35) Describe processes by which construction professionals obtain clarification from architects regarding construction documents, such as by the use of requests for information (RFI's). Write a request for information (RFI), as would a construction professional to an architect to request clarification for a detail of the construction documents, such as the selection of a product. (TN Writing 4; NCCER 44105-08)	Project Management 44105-08 Construction Documents SE/TE: 7.0.0-7.4.0 See SE/TE Addendum 00105-15: Introduction to Construction Drawings: 1.3.2 See SE/TE Addendum See TE Addendum
Business & Project Management	
36) Establish and implement specific goals to manage project assignments in a timely manner, including organizing teams to effectively manage assignments, monitoring and reporting on project progress, and evaluating a completed project according to client requirements. For example, inspect and critique a team member's work, providing constructive feedback for improvement. Similarly, respond to constructive feedback from a team member to improve project outcomes and meet project goals. (TN Reading 2, 6; TN Writing 2)	4101-08 Introduction to Project Management: 3.1.0-3.6.0 See SE/TE Addendum 44105-08 Construction Documents: 7.0.0-7.4.0 See SE/TE Addendum 00108-15 Basic Employability Skills: 3.3.0-3.3.3, 3.5.0-3.5.1 See SE/TE Addendum See TE Addendum

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37) Perform estimating and scheduling techniques for a long-term project, including calculating material quantities and cost (including tax) and labor cost to complete a bid sheet; scheduling construction activities using a flow chart; and determining amounts to be charged to the client at various intervals throughout the project. (TN Reading 3, 7; TN Math N-Q)	44101-08 Introduction to Project Management: 6.2.0-7.0.0 See SE/TE Addendum 44105-08 Construction Documents: 73.1.0-3.4.0 See SE/TE Addendum See TE Addendum
38) Utilize technology to write and share periodical reports (weekly, monthly, etc.) to provide others with information about progress during construction activities as would a project manager to a supervisor. Summarize activities in a narrative form including overall progress in relationship to a previously planned schedule. (TN Reading 3; TN Writing 2, 4, 6, 10)	44101-08 Introduction to Project Management: 3.5.0 See SE/TE Addendum 44105-08 Construction Documents: 7.0.0 See SE/TE Addendum See TE Addendum
Portfolio	
39) Update materials from coursework to add to the portfolio started in <i>Fundamentals of Construction</i> and <i>Structural Systems I</i> . Continually reflect on coursework experiences and revise and refine the career plan generated in prior courses, using technology where appropriate. Include photographs or illustrations and written descriptions of sequential progress in construction projects. (TN Writing 2, 4, 5, 6)	N/A