



IM8

Bid ID#: 1485

Course# - Course Title: 8722010 - Building Trades and Construction Design Technology 1

AUTHORS & CREDENTIALS: LIST FULL NAME OF AUTHOR(S), WITH MAJOR OR SENIOR AUTHOR LISTED FIRST. BRIEFLY PROVIDE CREDENTIALS FOR EACH AUTHOR.

CORE: Introduction to Basic Construction Skills is authored by The National Center for Construction Education and Research (NCCER) in conjunction with subject matter experts from the construction industry and construction educators. NCCER is an independent 501(c)(3) nonprofit education foundation and the leading provider of construction education for industry and career and technical education programs. With flexible workforce development and learning solutions, NCCER's programs provide consistency and quality to ensure craft professionals and learners receive industry-recognized credentials and certifications.

STUDENTS: DESCRIBE THE TYPE(S) OF STUDENTS FOR WHICH THIS SUBMISSION

Students enrolled in a school's construction program. This title covers basic skills and safety required in the construction industry.

1. LIST THE FLORIDA DISTRICTS IN WHICH THIS PROGRAM HAS BEEN PILOTED IN THE LAST EIGHTEEN MONTHS.

This program has not been piloted in Florida over the last 18 months.

2. HOW ARE YOUR DIGITAL MATERIALS SEARCHABLE BY FLORIDA'S ACADEMIC STANDARDS (SECTION 1006.33(1)(e), FLORIDA STATUTES)?

A correlation to Florida standards with links to content citations is provided in the Instructor Resources section of the NCCERconnect digital companion.

3. IDENTIFY AND DESCRIBE THE COMPONENTS OF THE MAJOR TOOL.

Educational Approach:

NCCER Core: Introduction to Basic Construction Skills, sixth edition is a full-color textbook includes ten modules for building foundational skills in construction. Core meets the standards for the Core: Introductory Craft Skills Certification from NCCER.

This edition of *Core* features a new module called Build Your Future in Construction. This new introductory module explores the various careers available in the construction industry and introduces trainees to what it might be like to work on a construction site.

With its expert advice and richly illustrated examples, *Core: Introduction to Basic Construction Skills*, sets up students with the foundational skills and questions they will need to progress through further craft training programs and to excel in a construction career.

- Aligned with OSHA's 10-hour program
- Modules introducing students to various careers
- Updates to Hand Tools and Power Tools modules
- Expanded coverage of construction drawings and math
- QR codes linking to informative videos

NCCER Connect is an online learning and homework platform that delivers prebuilt homework assignments, digital media, and assessments to students. Each NCCER connect course offers an embedded etext as well as course management functions including gradebook, assignment manager, data, and analytics, all supporting an engaging online learning experience and individualized instruction.

Major Tool - Student Components

The Major Tool, student components, consists of the Student Edition (printed textbook) and the NCCERconnect digital companion.

- The Student Edition (496 pages, four color, NASTA bound) consists of nine modules and four appendices
- NCCERconnect digital platform including additional instruction, activities, digital media, and assessments.

Major Tool - Teacher Components

n/a

4. IDENTIFY AND DESCRIBE THE ANCILLARY MATERIALS.

Ancillary Materials - Student Components

None.

Ancillary Materials - Teacher Components

- Lesson Plans (downloadable PDF) include completion time estimates per module.
- Downloadable Classroom Presentations in PowerPoint and Articulate Rise
- Performance Profile Sheets (downloadable PDF) for tracking proper completion of each procedure.
- Practice Exams (downloadable PDF) – multiple choice questions with explanations used to prepare students for the NCCER Core certification exam.

5. IDENTIFY WHICH INDUSTRY STANDARD PROTOCOLS ARE UTILIZED FOR INTEROPERABILITY?

A list of learning management platforms that can be integrated with MyLab and other information on integration services can be found at <https://www.pearson.com/en-us/higher-education/educators/digital-learning-platforms/lms-integration-services.html>.

6. HOW MUCH INSTRUCTIONAL TIME IS NEEDED FOR THE SUCCESSFUL IMPLEMENTATION OF THIS PROGRAM?

Using the Student Edition and additional activities in the NCCERconnect, there are over ninety hours of instruction available to the teacher. However, the program is designed for flexible implementation and the teacher can customize the instruction to fit a variety of course lengths.

7. WHAT PROFESSIONAL DEVELOPMENT IS AVAILABLE?

There is no formal Professional Development program available for this program. However, the editorial staff is available to help with content questions implementation issues. Technical support is available at this website <https://support.pearson.com/getsupport/s/contactsupport>.

8. WHAT HARDWARE/EQUIPMENT IS REQUIRED?

The NCCERconnect platform can be accessed by any device connected to the Internet. A list of compatible browsers and their system requirements is available here:

<https://support.pearson.com/getsupport/s/article/Using-an-Alternate-Supported-Browser>

9. WHAT LICENSING POLICIES AND/OR AGREEMENTS APPLY?

Terms of Use and End User License Agreement are available at the following link: <http://tpi.pearsoncmg.com/tpi/w3c/license.jsp>.

10. WHAT STATES HAVE ADOPTED THE SUBMISSION?

The program is used in secondary schools in most states nationwide.

11. WHAT OPEN EDUCATIONAL RESOURCES RELATED TO THIS BID DO YOU MAKE AVAILABLE(S)?

There are no Open Educational Resources associated with this program.

12. ALTHOUGH NOT CALLED FOR IN THE STATE ADOPTION, DO YOU HAVE ADVANCED PLACEMENT (AP) OR ACCELERATED PROGRAM INSTRUCTIONAL MATERIALS AVAILABLE FOR THE COURSE(S) BID FOR ADOPTION?

There are no AP materials associated with this or other CTE courses bid into this adoption.

13. WHAT, IF ANY, FOREIGN LANGUAGE TRANSLATIONS DO YOU HAVE AVAILABLE?

The CORE: Introduction to Basic Construction Skills print text is available in a Spanish translation..

14. DO YOU PROVIDE ACCESS POINT SCAFFOLDING OR AN ACCESS POINT CORRELATION UPON REQUEST?

Not applicable - Access Points are not developed for this course.

15. ESSA LEVELS OF EVIDENCE

While no formal efficacy studies have been conducted on the program, NCCER is highly regarded as the leading certification organization in the construction industry. Core is in its sixth edition and has been used successfully by thousands of students nationwide for over twenty years.