CHIPOLA COLLEGE
COURSE SYLLABUS
Chipola's website: www.chipola.edu

COURSE TITLE:	COURSE NUMBER:
Building Construction Technician 2 of 2	BCV 0402V

COURSE DESCRIPTION (with prerequisites):

This course prepares the student for employment and certifications in the construction industry as the second of the Building Construction Technician courses. Content includes the installation of cabinets; preparation and application of finishes to surfaces; the installation of roofing materials; troubleshooting, repairing, and installing plumbing systems; troubleshooting, repairing, and installing electrical systems; maintaining, repairing, and installing heating, ventilation, and air-cooling (HVAC) systems; performing site preparation and maintenance; and entrepreneurship.
300 Clock Hours

NAME(S) OF INSTRUCTORS:

Jay Scott Phelps

EFFECTIVE ACADEMIC YEAR:

2023-2024

REQUIRED TEXTBOOKS AND INSTRUCTIONAL MATERIALS:

The following were purchased in BCV 0400V:

NCCER Connect with Pearson eText -- Access Card -- for Core: Introduction to Basic Construction Skills, 6th Edition.   Package ISBN: 9780137474592

Carpentry Level 1 NCCER Connect 2.0 with Pearson eText, Access Card, 5th edition. ISBN: 9780134298566
Construction Technology NCCER Connect 2.0 with Pearson eText, Student Access Card, 4th edition. ISBN: 9780135169391

Other required items:
Nail apron/tool belt
Hammer
Speed Square
Measuring tape

GRADING POLICY:

The standing of a student in each course is expressed by one of the following letters and corresponding grading system:
A – 90 – 100

B – 80 – 89
C – 70 – 79
D – 60 – 69
F – 59 or less
The Chipola Catalog provides policies and procedures regarding the grading system. A student's Grade Point Average is derived from the grading system/quality point scale.

ATTENDANCE AND WITHDRAWAL POLICIES:

Chipola College expects regular attendance of all students and for all instructors to record attendance daily. Students who are absent from classes for any reason other than official college activities must satisfy the instructor concerned that the absence was due to illness or other clearly unavoidable reasons. Otherwise, the student may suffer grade loss at the discretion of the instructor. Chipola policy allows each instructor to specify in the Instructor First Day Handout whether or not an absence is excusable and what effect the absence or tardy may have on the grade.

A student is allowed to repeat a course a maximum of three (3) times. **On the third attempt a student (1) must bear the full cost of instruction (unless waived by Student Services), (2) cannot withdraw, and (3) must receive a grade.**

MAKE-UP POLICY:

Chipola allows each instructor to specify in the Instructor First Day Handout the makeup policy.

ACADEMIC HONOR CODE POLICY:

Students are expected to uphold the Academic Honor Code, which is based on the premise that each student has the responsibility to (1) uphold the highest standards of academic honesty in his/her own work; (2) refuse to tolerate academic dishonesty in the college community; and (3) foster a high sense of honor and social responsibility on the part of students. Further information regarding the Academic Honor Code may be found in the Chipola Catalog, Student Governance section.

STUDENTS WITH DISABILITIES POLICY:

Chipola College is committed to making all programs and facilities accessible to anyone with a disability. Chipola's goal is for students to obtain maximum benefit from their educational experience and to effectively transition into the college environment. Students with disabilities are requested to voluntarily contact the Office of Students with Disabilities to complete the intake process and determine their eligibility for reasonable accommodations.

NOTICE OF EQUAL ACCESS/EQUAL OPPORTUNITY AND NONDISCRIMINATION:

Chipola College does not discriminate against any persons, employees, students, applicants or others affiliated with the college in regards to race, color, religion, ethnicity, national origin, age, veteran's status, disability, gender, genetic information, marital status, pregnancy or any other protected class under applicable federal and state laws, in any college program, activity or employment.

Wendy Pippen, Associate Vice President of Human Resources, Equity Officer and Title IX Coordinator, 3094 Indian Circle, Marianna, FL 32446, Building A, Room 183C,

850-718-2269, pippenw@chipola.edu.

LIBRARY AND ON-LINE REFERENCE MATERIALS:

The library is a comprehensive learning resource center providing information in print, electronic, and multimedia format to support the educational objectives of the College. On-line catalogs, e-books, and electronic databases can be accessed through the Library Resources link within your course in Canvas or by using the *Search* icon on the Chipola Library website at www.chipola.edu/library. If you have questions about database usage, consult the "How to Use the Chipola Databases" on the Library website or call the Library at 850/718-2274 during regular hours. Library hours are posted each semester at the building entrance and on the Library website. See your Instructor First Day Handout for individual instructor recommendations and resources.

TECHNOLOGY RESOURCES:

The college's learning management system is **Canvas**. Classes become available on Canvas on the first day of the semester. It is the student's responsibility to log onto the Canvas system the first day of class to establish the first day of attendance and to check announcements. All official class communication must be through Canvas. For further information, contact your instructor or the Director of Learning Resources. The Canvas support hotline is available online in live chat and on the phone, toll-free, at 855-308-2812 for any issues utilizing Canvas. The **Technology Center**, located in the library, is equipped with computer workstations. Lab hours are posted each semester at the building entrance and on the Library website.

FREE TUTORING RESOURCES:

The Academic Center for Excellence (**ACE)** Lab, located in Building L, offers free tutoring from 8 a.m. to 5 p.m. and is equipped with computer workstations. ACE lab hours are posted each semester at the room entrance and on the website. Additionally, live online tutoring conferences and individual tutoring sessions are available for a variety of courses through ACE@Home. For a conference schedule or to schedule an individual appointment, visit "ACE Tutoring" in the left navigation from any course in Canvas.

ELECTRONIC DEVICE USAGE STATEMENT:

Classrooms should be free of all unnecessary distractions from the task of learning. Therefore, as a general rule, students should silence and avoid use of all electronic devices (laptops, phones, tablets, etc.) not being used for coursework. Consult first-day handouts for any specific policies related to the use of electronic devices in the classroom, as they may vary depending upon the nature of the course or the guidelines of the instructor. Faculty reserve the right to regulate the use of electronic devices and their accessories in class.

DISCIPLINE SPECIFIC COMPETENCIES / LEARNING OUTCOMES:

Building Construction Technician 2 of 2 focuses on broad, transferable skills and stresses understanding and demonstration of the following elements of the construction industry.

See chart below.

Linking Course-level Student Learning Outcomes with Discipline-Specific Competencies, Assessment Methods, and Artifacts		
COURSE-LEVEL STUDENT LEARNING OUTCOMES FOR BCV 0402V	**DISCIPLINE-SPECIFIC GENERAL EDUCATION COMPETENCIES**	**ASSESSMENT METHODS FOR COURSE LEVEL STUDENT LEARNING OUTCOMES** (see Notes below)
Upon the successful completion of this course, students will be able to: Troubleshoot, repair and install plumbing systems. Demonstrate knowledge of Drain, Waste and Vent (DWV) systems. Measure, cut and join plastic piping. Properly measure, ream, cut and join copper piping. Demonstrate electrical safety. Troubleshoot, repair and install electrical systems. Research the Heating, Ventilation and Air-Conditioning (HVAC) profession. Maintain, repair and install HVAC systems.	Outcome 1: Demonstrate mastery of knowledge and skills in the Building Construction industry. Outcome 2: Demonstrate safety skills appropriate for the Building Construction industry. Outcome 3: Apply critical thinking/ problem-solving and diagnostic skills proficiency as appropriate for employees in the Building Construction industry. Outcome 4: Exhibit inter-personal and ethical skills as appropriate for employees in the Building Construction. Outcome 5: Exhibit organizational and professional skills appropriate for the Building Construction industry. Outcome 6: Exhibit employ-ability and/or entrepreneurship skills as appropriate for employees in the Building Construction industry	Q, T, CF, SD, SP, H, RPT, PS, SK.

Notes: **Assessment Codes**

BO - Behavioral Observation   **CP -** Case Plan   **E** - Essays   **H** - Homework
Cap Proj - Capstone Course   **CS** - Case Study   **EX** - Dept Exam   **Intern** - Internship
CF - Cumulative Final   **DB** - Discussion Board **Exp** - Experiments   **J** - Jury
Clin - Clinicals   **DE** - Documented Essays **F** - Final Exam   **JP** - Judged Perf/Exh

Obs - Teacher Observ   **Proj** - Projects   **RPT** - Report/Presentation   **SP** - Skills Performance
OT - Objective Tests   **PS** - Problem Solving   **SD** - Skills Demonstration   **T** - Tests
Port - Portfolio   **Q** - Quizzes   **SE** - Natl or State   **UT** - Unit Tests
Prac - Practicum   **R** - Recital   Standardized   **W** - Writing Assignments
Pre/ Post - Pre-/Post-Tests   **RP** - Research Papers   **Sk** - Ck Skills Check-Off

MEANS OF ACCOMPLISHING STUDENT LEARNING OUTCOMES:

Student learning and knowledge will be accomplished by participation in the following.

The Building Construction Program will consist of these elements:

Classroom instruction (lecture/discussion, presentations, videos, worksheets, etc.)

Hands on learning and application of classroom methods and techniques in the shop and lab.

Hands-on competency-based labs.

On-line learning management systems (NCCER Connect)

Jobsite visits to observe the workings of the various construction-oriented trades.

Participation in the building of structures in association with our partnering organizations.

Assessments.

Chipola College, the Building Construction Program, and the instructor will provide the above as a means of accomplishing student learning outcomes; however, the student needs to complete/perform the following items in order to ensure their success in the program:

1. Attend classes regularly.
2. Complete reading and computer assignments along with lab/field work.
3. Keep a course notebook.
4. Be present, and complete quizzes, tests, homework, and practical exams.

ASSIGNMENT AND/OR COURSE OUTLINE

See your Instructor First Day Handout for individual instructor assignment schedule.