



Atlantic Technical College Carpentry Program Syllabus 2026-2027



Instructor Name: Mr. Anthony D. Minimi
Department Name: Technical Trades Department
Office/Classroom Location: Building 14, Room 245
Phone Number: 754-321-5127
Email Address:
anthony.minimi@browardschools.com

Instructor Office Hours (M-F):

1:50pm-2:30pm
(By appointment only)

Student Hours:

Monday - Friday
7:05am to 10:10am
(Adults & High School 11 Graders)

Lunch: 10: 10am to 10:50pm

10:50am to 1:50pm
(Adults & High School 12 Graders)

NOTE: All students are expected to be present during their entire scheduled class time(s). All classroom breaks will occur on an "as needed" basis. The wall clock in the classroom will serve as the official time.

Program Name: Carpentry

Career Cluster: Architecture and Construction

<u>OCP</u>	<u>Course Names</u>	<u>Course Length</u>
A	BCV0112 / Introduction to Carpentry	150 Hours
B	BCV0122 / Rough Framing Carpentry	450 Hours
C	BCV0125 / Finish Trim Carpentry	450 Hours
D	BCV0123 / Foundation and Form Carpentry	<u>150 Hours</u>
		1200Total Hours (Full-time including summer)

ATTENDANCE:

For Postsecondary (Adult) Students: Excessive absences or tardies can lead to involuntary withdrawal from the program. Reentry will require referral to the program counselor or administrator.

To minimize class disruption, if a student is out of class for an excessive period as identified by the instructor, that student will be marked absent for the day for attendance and grading purposes.

Additional school attendance rules are as follows:

- A student must be withdrawn after being absent for six (6) consecutive days.
- Two (2) additional absences may be allowed under certain circumstances with appropriate documentation.
- For Post-Secondary students there are no excused absences.

Please refer to the Student Handbook for postsecondary students. [ATC Student Handbook](#)

Magnet High School/Attendance Policy:

A student who has had at least five unexcused absences, or absences for which the reasons are unknown, within a calendar month, or 10 unexcused absences, or absences for which the reasons are unknown, within a 90-calendar-day period, may be exhibiting a pattern of non-attendance (F.S.1003.26 (1) (b)) and the School Board of Broward County, Policy S.S.

Tools & Supplies:

- Short sleeve shirts (no tank tops)*
- Long heavy pants “blue jeans” (no shorts)*
- Safety glasses approved Z # listed*
- Work boots, sturdy thick sole, steel* toed
- Tool belt (multiple pockets)*
- Level 3 cut resistant work gloves*
- Hand Saw (8 pts and 12 pts crosscut saw)
- Straight claw hammer, 16 or 20 ounce
- Small toolbox estimate size: 24” long
- Ear protection (ear plugs or solid ear headphones set-NO music)
- 25’ steel measuring tape, 1” wide tape*
- Utility knife with standard razor blades: retractable blade only
- 10 Carpenter pencils (with Pencil Sharpener)
- Multi Tip Screwdriver (#1 & #2 Flat & Phillips)
- Wrecking Bar (minimum 24”)
- Pinch Bar (minimum 16” long)
- Cat’s Paw 6’to 8’ Long (sharp claw)
- 3 Piece Nail set (3 colors)
- Compact Chalk Box and Blue chalk (combo kit)
- 24” & 48” Magnetic Levels
- Small Torpedo Level (6’ to 12’ long)
- 3 or 5 pieces of wood file set
- Aluminum Speed Square (Swanson Tool Company, Inc. brand)
- Aluminum Black Framing Square, White number (Swanson Tool Company, Inc. brand)
- Tin Snips (Stanley Fat Max brand)
- 3 or 5 piece Chisel Set
- Stair Gauges

Recommended Materials List:

- Mechanical pencil with lead
- Pencils
- Pens (blue and red)
- Colored pencils (24 pack)
- Highlighters (4 colors)
- Erasers (large pink or white only)
- Calculator with Sine, Cosine, Tangent, and square root
- USB Drive (16 Gig minimum)
- 2” Three ring binder (bookstore purchase)
- 15 Tab binder pack (bookstore purchase)
- Protractor
- Compass
- Lock with dial combination only.
- Architectural Scale Rule (triangular shaped) black and white

Program Projects:

(Included but not limited too)

1. **Performance Module Projects**
2. **Class/Lab Projects**
3. **Safety Projects**
4. **School Projects (both on and off campus)**
5. **Specialty Projects**

All projects have a timeline and are graded!

Access Codes: NCCER

Core Curriculum- 6th Edition (Core Curriculum is a required level of study)

ISBN#978-0-13-748313-6

Carpentry Level 1 – 5th Edition (Carpentry Level 1 is a required level of study)

ISBN#978-0-13-420508-3

Carpentry Level 2 – 5th Edition (Carpentry Level 2 is a required level of study)

ISBN#978-0-13-442808-6

Carpentry Level 3 – 5th Edition (Carpentry Level 3 is a required level of study)

ISBN#978-0-13-442809-3

Carpentry Level 4 – 5th Edition (Carpentry Level 4 is a required level of study)

ISBN#978-0-13-442810-9

Additional Online Exercises

Adult students: All required books and some materials supplies can be purchased from the school bookstore. Stop by during operational hours for pricing and purchasing information. All other required materials and retail supplies that are not available at the bookstore need to be purchased elsewhere. All required books and materials retail supplies need to be obtained prior to the program start.

High school students: Students receive all required books and most of the required materials/supplies on loan, with the exception of those required materials supply retail supplies that have an (*) by the name as shown above. As well, students are responsible for the care and return of all required books and material/supplies on loan and will be issued an obligation for damage or missing books and or materials and supplies. Some of the required materials/supplies can be purchased from the school bookstore. Stopped by during operational hours for pricing and purchasing information. All other required materials/retail supplies and not available at the bookstore need to be purchased. Required materials/supplies that have an (*) before the name need to be obtained prior to the start of the program.

Grading Scale:

A	90-100%
B	80-89%
C	70-79%
D	60-69%
F	0-59%
I	Incomplete

Additional Program Specific Criteria:

Grading Categories

Employability Skills	40%
Assignments	20%
Project/Lab	25%
Work NCCER Curriculum	15%

view your grades:

grades can be viewed online by following the directions below.

1. Go to <https://Browardfocus.com> (access FOCUS using Chrome, Firefox or Safari)
2. student ID which is on your student schedule.
3. Password- student's date of birth formatted as PMM/DD/YYYY.
Capital P- 2 digits for the month- 2 digits for the day- 4 digits for the year.

Classroom/ Lab Rules/ Employability Skills:

- Must Wear appropriate clothing for working in the carpentry lab
- Must Wear Safety Glasses OSHA approve Z# Listed
- Must Wear Work Boots to Class (sturdy thick soled, ankle high or higher) (Steel Toed Optional)
- Students are required to always adhere to the Code of Conduct, as set forth by the School Administration and the Student Handbook.
- Good manners are necessary for a pleasant classroom environment. Please raise your hand to be recognized. Do not speak when someone else is speaking. Rudeness, bullying or disruptive behavior will NOT be tolerated.
- Be Respectful to the Teacher and all your fellow classmates.
- Students are responsible to keep their personal belongings in the classroom only, not lab.
- Always Follow ALL Shop Safety Rules.
- Students are expected to always maintain a clean and neat work area.

- Keeping all tools in their place after use.
- No eating or drinking in the Classroom, Shop / Lab.
- Computer use is a privilege and to only be used for researching construction-related information and to complete required assignments/ classwork etc. and only by prior permission of the instructor.
- Students must notify teacher, in advance, if planning to miss a portion of class time(s) for ANY reason.
- Rules that are not followed will be referred to Administration.

Industry Credentials:

NCCER Certifications:

- Core
- Carpentry Level 1
- Carpentry Level 2
- Carpentry Level 3 & 4 **Optional**
- State of Florida Ready to Work Credential Exam
- Occupational Safety & Health Administration (OSHA) 10 Hour Course

Outstanding Student Recognition Information:

A gold seal will be applied to a Program Completion Certificate or an Applied Technology Diploma if the student has earned a 3.5 GPA or higher in their Career and Technical Education (CTE) classes.

Course Number: BCV0112

Course Name: Introduction to Carpentry **Occupational Completion Point:** A **Intended Outcomes:**

- 01.0 Apply shop and construction site safety skills.
- 02.0 Select, use, and maintain hand tools, power tools and stationary equipment.
- 03.0 Apply mathematics knowledge to assist in constructing buildings, structures, and various construction and woodworking related projects.
- 04.0 Read, understand, and create basic construction and shop drawings and/or sketches.
- 05.0 Select and recommend appropriate building materials for building and woodworking projects.
- 06.0 Select and use appropriate fasteners and hardware for specific construction and woodworking applications.
- 07.0 Set up and install basic rigging and scaffolding.
- 08.0 Identify ways that sustainable design and construction strategies impact the built environment (Optional).
- 09.0 Explain the importance of employability and entrepreneurship skills (Optional).

Course Number: BCV0122

Course Name: Rough Framing Carpentry

Occupational Completion Point: B

Intended Outcomes:

- 10.0 Perform site-preparation and building layout activities.
- 11.0 Understand how to layout and/or construct a building foundation.
- 12.0 Layout, cut and install framing members for a floor system (wood and/or metal).

- 13.0 Layout, cut and install a wall framing system (wood and/or metal).
- 14.0 Comply with current hurricane building codes.
- 15.0 Layout, cut and install a wood frame roof system.
- 16.0 Frame walls using cold-formed steel (Optional).
- 17.0 Lay out, cut and rough frame a stair system.
- 18.0 Identify, select, and install various roofing materials for building structures.
- 19.0 Identify and apply appropriate thermal boundary, moisture protection and water management systems. Install windows and exterior doors.

Course Number: BCV0125

Course Name: Finish Trim Carpentry

Occupational Completion Point: C

Intended Outcomes:

- 21.0 Install gypsum drywall.
- 22.0 Identify and fasten wood stock and joints.
- 23.0 Install cabinets and components.
- 24.0 Identify, interpret, and describe types of interior and exterior door types, hardware and assembly component requirements, and installation techniques based on plans and specifications.
- 25.0 Install interior trim and other finishes based on construction drawings, details, and specifications.
- 26.0 Identify and install various types of interior wall and ceiling finish materials.
- 27.0 Layout, cut and finish a stair system.
- 28.0 Select and install exterior finishes.

Course Number: BCV0123

Course Name: Foundation and Form Carpentry

Occupational Completion Point: D

Intended Outcomes:

- 21.0 Demonstrate building site layout to excavate for footings and foundations, and optionally, trenching for utilities.
- 22.0 Erect, plumb and brace simple concrete forms with reinforcement.
- 23.0 Explain or identify various foundation forms.
- 24.0 Demonstrate an understanding of vertical concrete formwork.
- 25.0 Demonstrate an understanding of constructing horizontal formwork.
- 26.0 Explain and demonstrate how to place reinforcing bars in walls, columns, beams, girders, joists, and slabs.
- 27.0 Discuss the transport and placement of concrete.

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