

# Berrien Springs Partnership Lab Syllabus and Instructor Qualifications

**COMMUNITY CLASS TITLE:** Skilled Trades

**GRADE OR AGE LEVELS:** Age 12+

**FORMAT:** In-person

**DAY AND TIME OF THE WEEK:** Wednesdays 10:00am-12:00pm

**TOTAL REQUIRED HRS:** 16

**ADD'L POSSIBLE HRS (OPTIONAL TIME):**

**TOTAL SEMESTER HOURS POSSIBLE:** 16

**LOCATION:** Homeschool Nexus - 1870 Union Ave, Benton Harbor

**INSTRUCTOR:** Jon Bunnell

**CONTACT INFORMATION:** phone: 269-308-2518 email: [jbunnell2003@icloud.com](mailto:jbunnell2003@icloud.com)

ADDITIONAL REGISTRATION AT SITE REQUIRED? N/A

**INSTRUCTOR QUALIFICATIONS (may attach a separate page if necessary):**

20+ year's experience in mechanical, electrical, HVAC and construction

**COURSE DESCRIPTION (OVERVIEW):**

Students will practice hands-on fundamental skills that are used across most trades. Students will learn how to solder, weld, use power tools and metering devices, build electrical and plumbing systems and much more. Michigan is experiencing a shortage of skilled trade workers, with an extremely favorable outlook over the next 10 years for these workers. Most skilled trades jobs lead to a six-figure revenue and allow the opportunity of private business ownership.

**SYLLABUS/OUTLINE: WEEKLY BREAKDOWN OF PROJECT-BASED LEARNING LAB ACTIVITIES**

Week 1: Intro to skilled trades and safety

Week 2: Plumbing

Week 3: Pipe Fitting

Week 4: Electrical

Week 5: HVAC

Week 6: Welding

Week 7: Construction

Week 8: Automotive

*Describe activities that will reinforce the lesson. Include any work and time to be required outside of class: Students will be encouraged to practice their new skills at home with adult supervision.*

## **COURSE OBJECTIVES AND APPROXIMATE TARGET DATES:**

The goal of the course is to introduce students to the skilled trades through hands-on activities.

*Steps to check for student understanding, along with dates or # of weeks into class: Skills will be practiced and applied every week.*

## **STUDENT ASSESSMENT - what will be used to evaluate student progress and/or end of semester pass/fail status?**

Students will be evaluated weekly through hands-on activities.

- 1) Student agrees to attend at least 80% of class sessions/lessons offered. Attendance is kept online and tracked by Partnership staff. Failure to meet 80% or be on track to meet 80% may result in program discontinuation.
- 2) The Partnership Student Assessment or Performance Form is filled out by the teacher and turned in to Partnership staff. The link to this form is found on the web page for this class. Failing marks for lack of participation, behavior issues, practice time, etc. may result in program discontinuation.

## **ADDITIONAL RESOURCES: (online, books, video, etc.):**

## **CLASS POLICIES: ATTENDANCE, BEHAVIOR, WEATHER, ETC.**

**Attendance:** Must meet the 16-hour requirement

**Weather:** No make-up classes for inclement weather

**Required equipment:** N/A