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|  **FREE****Pre-Apprenticeship****Program**  |
| **Employment Opportunities:**Students interested in the following career pathways will benefit from completing the course.* Manufacturing
* Drafting
* Design

**Industry Certifications:*** Certified Production Technician
* Certified SOLIDWORKS Associates (CSWA)

**Brevard Adult Education Offices:**1311 US-1 Building #6Titusville, FL 32796321-264-30881225 Clearlake RdCocoa, FL 32922321-633-36601362 S. Babcock St.Melbourne, FL 32901321-952-5977101 Pirate LaneMelbourne, FL 32901321-952-5914A picture containing application  Description automatically generatedPublication Date: 11/19/21  | **Mission Statement:**Our goal is to serve every student with excellence as the standard. We strive to provide students with access to programs that are high quality, affordable, and enjoyable. **Program Description:**This program is designed to prepare participants to become an apprentice and to have an opportunity for career exploration in the trades. **Program Structure:**The Pre-Apprenticeship program will consist of the following:* SolidWorks Curriculum:
	+ Identify Basic User Interface Functions
	+ Design a Constrained 2D Sketch and Profile
	+ Design a Basic 3-D model
	+ Demonstrate Basic Patterning Concepts and Applications
	+ Create a Revolved Feature
	+ Design a Shell with Ribs
	+ Apply Basic Repair Techniques and Edit Design Changes
	+ Create Multiple Variations of a Part or Assembly
	+ Demonstrate Drawing Manipulations
	+ Create an Assembly
	+ Design an Assembly
	+ Perform Basic CAD/CAM Geometry for Tool Path Processing
* Certified Production Technician (CPT)
	+ Manufacturing Safety Awareness
	+ Production and Processes
	+ Maintenance Awareness
	+ Quality Assurance
* Opportunity to Connect with a CareerSource Brevard Career Counselor
* Opportunity to Earn College Credits at Eastern Florida State College

**Minimum Program Requirements:*** Must be at least 16 years of age and not enrolled in a K-12 program (A minor must have written parental or guardian consent to participate in the program.)
* Physically capable of performing the work of the trade

**Application Submission Requirements:**Must submit application by the application deadline of **December 17, 2021 by 11:59 PM** via online at [tinyurl.com/6hs2399a](http://tinyurl.com/6hs2399a)* All applications will be reviewed by the advisory designee and committee in accordance with criteria, terms, and conditions of the program.

**Schedule**: January 10, 2022 – September 15, 2022. Classes will be held on Mondays (in-class) and Wednesdays (hybrid) 6:00 PM to 8:40 PM and Thursdays from 5:30 PM – 8:30 PM  **Class Location:** Brevard Adult Education at Cocoa, 1225 Clearlake Rd., Cocoa, FL 32922, Building 13 |