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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 #6  Titusville, FL 32796  321-264-3088  1225 Clearlake Rd  Cocoa, FL 32922  321-633-3660  1362 S. Babcock St.  Melbourne, FL 32901  321-952-5977  101 Pirate Lane  Melbourne, FL 32901  321-952-5914  A picture containing application  Description automatically generated  Publication 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 |