



## **ENGINEERING TECHNOLOGY ASSOCIATE IN SCIENCE DEGREE PROGRAM DESCRIPTION**

The Engineering Technology (ET) Associate in Science (A.S.) degree program at Palm Beach State College (PBSC), prepares students for employment or provides additional training for persons employed in manufacturing and high technology industries. The 18 credit hour technical core of this degree is closely aligned with the national Manufacturing Skill Standards Council (MSSC) Certified Production Technician (CPT) industry certification, and endorsed by the National Association of Manufacturers (NAM). Students who have already earned the MSSC-CPT will receive 15 articulated credit hours towards the Engineering Technology degree. The Engineering Technology Associate in Science degree program is fully transferable to four year degree granting institutions.

### **ENGINEERING TECHNOLOGY A.S. (60 Credits)**

**PBSC ET DEGREE SPECIALIZATIONS:** Advanced Technology, Alternative Energy and Electronics

#### **ET TECHNICAL CORE (18 credits)**

The ET core provides technical fundamentals for the ten specializations tracks of the ET Degree that supports many manufacturing and high technology industry sectors.  
The ET technical core includes CAD, Electronics, Measurement, Manufacturing Processes, Quality and Safety.

### **COLLEGE CREDIT CERTIFICATES**

#### **ENGINEERING TECHNOLOGY SUPPORT SPECIALIST (18 credits)**

The Engineering Technology Support Specialist certificate prepares individuals for entry-level employment as engineering support specialists or engineering technicians in various engineering and manufacturing areas. This certificate program is the core of the Engineering Technology degree program. Credits earned toward this certificate can be applied toward the A.S. in Engineering Technology degree.

#### **RAPID PROTOTYPING SPECIALIST (12 credits)**

This certificate prepares students for entry-level technical jobs in high tech production, manufacturing, distribution and engineering research and development facilities. The certificate is designed for the student who is preparing for a career in the engineering technology or high tech manufacturing fields. It is also designed for employees in these fields who seek further education and career advancements.