



December 12, 2018

**TO:** THE DISTRICT BOARD OF TRUSTEES  
OF VALENCIA COLLEGE

**FROM:** SANFORD C. SHUGART  
PRESIDENT

**RE:** APPROVAL OF THE ASSOCIATE IN SCIENCE DEGREE IN ENGINEERING  
TECHNOLOGY

Valencia College is located within Florida's Workforce Region 12 (consisting of Orange, Osceola, Seminole, Lake, and Sumter counties). Within Workforce Region 12, there is considerable demand for skilled technicians to support the manufacturing and supply chain distribution industries, including Electrical and Electronic Engineering Technicians, Electrical and Electronics Repairers, and Commercial and Industrial Equipment and Industrial Machinery Mechanics.

While twenty-three Florida College System institutions offer an Associate in Science degree in Engineering Technology, Valencia currently does not offer such a degree. A new Associate in Science degree in Engineering Technology would establish a new Career and Technical Education pathway at Valencia, and would fill a local skills gap by meeting the workforce needs of local manufacturers and high-tech distribution centers.

Valencia's Curriculum Committee has reviewed and recommended the faculty proposal for this program addition.

**RECOMMENDED ACTION:**

The President recommends that the District Board of Trustees of Valencia College approve and authorize Valencia College to offer the Associate in Science Degree in Engineering Technology, as presented.

  
\_\_\_\_\_  
President

# A.S. Degree in Engineering Technology



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VALENCIA COLLEGE

# A.S. Degree in Engineering Technology

A background image showing two students in a workshop. One student, a woman with glasses and a blue denim shirt, is smiling and looking at a device. The other student, a man with glasses and a grey hoodie, is leaning over a workbench, focused on a task. The background is slightly blurred, showing industrial equipment and a sign that reads "Advanced Manufacturing Center".

## Potential Careers:

- Industrial Machinery Mechanics
- Industrial Engineering Technicians
- Mechanical Engineering Technicians
- Electromechanical Technicians

**Average Wage:** \$45,717

**Job Openings:** 236 monthly hires in region

**Expected Growth in Positions:** 11.7% by 2026



TARGET





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