



December 6, 2017

TO: THE DISTRICT BOARD OF TRUSTEES
OF VALENCIA COLLEGE

FROM: SANFORD C. SHUGART
President

RE: APPROVAL OF THE ASSOCIATE IN SCIENCE DEGREE IN ENERGY
MANAGEMENT AND CONTROLS TECHNOLOGY

On December 9, 2015, the District Board of Trustees approved the National Science Foundation Advanced Technological Education Building Energy and Automation Management (BEAM) grant proposal under which faculty and staff on West campus would create an Energy Management and Controls Technology program.

On June 13, 2016, the National Science Foundation notified Valencia College that the grant was awarded under the direction of Lisa Macon and Deb Hall.

The College Curriculum Committee reviewed and recommended the faculty proposal for this program addition on October 11, 2017.

In the first year of the program, there are expected to be 20 program majors consisting of full-time and part-time students seeking the Associate in Science in Energy Management and Controls Technology degree. These numbers will increase to 40 students in the second year, and 60 students in the third year.

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 Energy Management and Controls Technology.

A handwritten signature in black ink that reads "Sanford C. Shugart". The signature is written in a cursive style and is positioned above a horizontal line.

President

A.S. Energy Management and Controls Technology

- Associate of Science program, 60 credit hours
- Industry-driven demand
- Will be housed in a new Smart Building Lab on West Campus
- “Living Lab” for building automation concept-based learning experiences
- Partners include the City of Orlando, Orange County, hoteliers, hospitals, and theme parks
- 20-60 students admitted per year

