



MEMORANDUM

Office of the Vice President for Workforce Development

To: Dr. Ponce and the Board of Trustees

From: DeDe Griffith

Date: June 15, 2026

Re: Consider purchasing Universal Robotics and Festo Metrology training equipment from Advanced Technologies Consultants through the TIPS Cooperative Contract #250802 for the Temple College Taylor Location, funded by the Samsung Equipment Grant (Account #160108).

Staff Recommendation: Approval

The Board is asked to consider the purchase of Universal Robotics and Festo Metrology training equipment from Advanced Technologies Consultants through the TIPS Cooperative Contract #250802 for the Temple College Taylor Location. The purchase will be funded through the Samsung Equipment Grant (Account #160108). The equipment will support workforce training and academic programs in advanced manufacturing, robotics, metrology, automation, and semiconductor-related technologies.



Purchase Approval

Description

Consider purchasing Universal Robotics and Festo Metrology training equipment from Advanced Technologies Consultants through the TIPS Cooperative Contract #250802 for the Temple College Taylor Location, funded by the Samsung Equipment Grant (Account #160108).

Recommendation

The Board is asked to approve the purchase of Universal Robotics and Festo Metrology training equipment from Advanced Technologies Consultants through the TIPS Cooperative Contract #250802 for the Temple College Taylor Location, funded by the Samsung Equipment Grant (Account #160108).

Background

Last year, Temple College received a \$60,000 gift from Samsung Austin Semiconductors to purchase equipment supporting semiconductor workforce training at the Temple College Taylor Location. The gift was designated to enhance the Electromechanical Engineering Technology program, support the TEA Electronics Technology Program of Study, and strengthen the aligned pathway serving both college and dual credit students. The equipment will be housed at the Temple College Taylor Location and may be shared, as needed, with Taylor High School engineering technology dual credit cohorts.

The equipment identified for purchase through the gift included a Universal Robot, robotic grippers, a robotic training kit, and metrology training equipment. The proposed purchase includes a Universal Robot UR3e collaborative robot, Robotiq gripper, conveyor and sensor-based training systems, and Festo Basic Dimensional Metrology training kits. These systems provide hands-on instruction in automation, robotics, quality inspection, precision measurement, material handling, and manufacturing process control.

As semiconductor manufacturing continues to expand throughout Central Texas, employers increasingly require technicians with experience in robotics, automation, and precision measurement. This equipment will provide students with industry-relevant training that mirrors technologies commonly used in modern manufacturing and semiconductor production environments.



Purpose

The equipment will provide students with industry-aligned knowledge, skills, and abilities in the following areas:

- Collaborative robotics programming and operation.
- Automated assembly, inspection, and material handling.
- Precision dimensional metrology and quality assurance.
- Measurement of dimensions, tolerances, and surface characteristics.
- Industrial sensors, controls, and automation systems.
- Robotics troubleshooting and process optimization.
- Semiconductor manufacturing applications.
- Workforce preparation for advanced manufacturing and semiconductor technician careers.

By integrating robotics and metrology training, Temple College will provide students with a comprehensive skill set that supports regional workforce needs and strengthens the talent pipeline serving the growing semiconductor industry in Central Texas

Fiscal Impact

The purchase will be made through Advanced Technologies Consultants, utilizing the TIPS Cooperative Contract #250802, ensuring a compliant and cost-effective procurement process. Funding will be drawn from the Samsung Equipment Grant, Account #160108.

Purchases made from Advanced Technologies Consultants through the TIPS Cooperative satisfy the required bidding laws found within Texas Education Code 44.031.

The equipment package includes Festo Metrology training systems, a Universal Robot UR3e collaborative robot, robotic gripper, conveyor training equipment, related accessories, shipping, and installation. The total purchase amount is **\$60,000.00**.

Funds Available

_____ Budgeted

_____ Fund Balance

X Other: Samsung Equipment Grant (Account #160108)



Approved:

Dr. Gisela Figueroa

Date

Associate Vice President for Finance

Glenn Graham

Date

Vice President for Finance