



## **Division of Science, Technology, Engineering and Mathematics**

### **Technology Support Certificate**

This program exposes students, both re-entering and new to the Information Technology field, to a series of technologies and skills that provide a strong foundational knowledge in IT. The internship requirement for this certificate allows students to gain useful working experience in IT. This program prepares students with knowledge and skills needed to work as an entry-level IT technician such as helpdesk or general support technician.

Successful graduates of this program will be able to:

1. Use knowledge of computing, web page development, and scripting language to implement solutions for IT problems;
2. Identify security threats to computers and networks and plan, choose, and set up the best protection or prevention mechanism;
3. Design, maintain, and manage a small network of computers using a working knowledge of computer networks and data transmission protocols;
4. Work effectively as a team member or lead on projects typical of an IT technician;
5. Install and configure Linux as sole operating system or dual-boot and apply Linux systems administration skills.