



TECHNOLOGY/COMMUNICATIONS

Tech Prep Certificate Requirements

Tech Prep students must complete the following high school program of study. The actual sequence of courses will depend on the student's individual interests.

- ◆ **4 Units of Technology and/or Communications**
- ◆ **3 or 4 Units of Math**
- ◆ **3 or 4 Units of Science**
- ◆ **A one-day (3-5 hours) Shadowing Experience**
- ◆ **Portfolio** - The portfolio could include some or all of the following:

Student's best work	Lab Manuals	Presentations and/or video
Awards	Projects	Shadowing Experiences

Upon completion of these requirements, qualifying seniors will be awarded a Tech Prep Certificate through the Tech Prep office.

Technology Units

Architectural Drawing
Automation and Robotics
*BOCES Computer Repair Technician (2 units)
*BOCES Electricity (2 units)
*BOCES Networking Plus (2 units)
*BOCES New Visions Engineering (2 units)
Career & Financial Management
Computer Applications
Computer Assisted Drawing (CAD)
Computer Integrated Manufacturing (CIM)
Computer-Assisted Manufacturing
Construction Systems
Design and Drawing for Production
Design and Rapid Prototyping
Desktop Publishing
Digital Electronics
Electricity/Electronics
Engineering Design and Development
Introduction to Engineering Design
IS 100 – Intro. to Computers I
IS 101 – Intro. to Computers II
Manufacturing
Materials Processing
Medical Physics
Principles of Engineering
Principles of Technology
Production Systems
Technical Drawing
Transportation Systems
Web Page Development

Communications Units

*BOCES Advertising Design I
*BOCES Advertising Design II
*BOCES New Visions Communications (2 units)
Communication/Video Arts
Computer Graphics
Desktop Publishing
Media Productions
Photography
Studio Design
Web Page Development

**New Visions Courses and BOCES Courses are considered 2 units.*

Note – Courses cannot be used for sequence if used to meet a math or science requirement

Tech Prep Certificate with Honors – students completing four (4) units of math and four (4) units of science as well as the other certificate requirements, qualify to receive a “Certificate with Honors.”