



TECHNOLOGY/BUSINESS

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 Business**
- ◆ **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

Business Units

Accounting
 Advanced Electronic Information Processing
 Applied and Technical Communications
 *BOCES Computer Information Technology (2 units)
 *BOCES New Visions Business Management (2 units)
 Business Analysis
 Business Computer Applications
 Business Economics
 Business Law
 Business Management
 Business Math
 Career & Financial Management
 Desktop Publishing
 Electronic Information Processing (EIP)
 Financial Information Processing
 IS 100 – Intro. to Computers I
 IS 101 – Intro. to Computers II
 Marketing
 Small Business Ownership
 Statistics
 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.”