



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.”