## Telecommunication Technologies

**(Two-Year)**  
Associate Degree (10-451-1)

### Job Titles
- Cellsite Technician  
- Telecommunications Technician  
- Telecommunications Consultant  
- Telephone Installer/Repairer  
- Repairer of Systems/Equipment  
- Cable Splicer (Fiber Optics)  
- Central Office Repairer or Installer  
- Private Branch Installer/Repairer  
- Residential/Business Installer  
- Aerial and Buried Cable Construction  
- Construction Inspector  
- Network Technician  
- RF Engineer  
- Microwave Technician

### Webster High School

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<th>First Semester</th>
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**First Semester Courses:**  
- Telecommunication Print Reading  
- Telecommunication Safety  
- Telecommunication Profiles  
- Communications Electricity 1  
- Communications Electricity 2  
- Cable and Wire Basics  
- Technical Math 164  

**Second Semester Courses:**  
- Telecommunication Installation (WBL)  
- Introduction to Terminal Equipment or Cisco 1  
- HFC Operation  
- Communications Electronics 1  
- Communications Electronics 2  
- Technical Math 182  
- Oral/Interpersonal Communication or Speech  

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<th>Third Semester</th>
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**Third Semester Courses:**  
- Cisco 2  
- Advanced Terminal Equipment or HFC Operation  
- Telecommunication Marketing or Introduction to Data  
- Intro to Wireless Technology  
- Telecommunication Transmission or Signal Testing  
- Networking  
- Written Communication  
- Introduction to Psychology or Networking  
- Psychology of Human Relations

**Fourth Semester Courses:**  
- Telecommunication Customer Relations  
- Race, Ethnic, and Diversity Studies  
- Economics or Principles of Macroeconomics  

### Helpful High School Courses
- Energy  
- Electronics  
- Algebra  
- Physics  
- Principles of Technology  
- English  
- Speech  
- Creative Writing  
- Accounting  
- Business Law  
- Economics  

### Electives
- Advanced Communications  
- Internship  
- Advanced Wireless Technology  
- Statistics

Courses reflected in red are approved for advanced standing with WITC.  
Note: Course sequence may vary by campus.