## Information Technology: Network Systems: Telecommunications Technician

### Career Pathway Plan of Study for

This Career Pathway Plan of Study (based on the Information Technology Career Cluster) can serve as a guide, along with other career planning materials, as learners continue on a career path. Courses listed within this plan are only recommended coursework and should be individualized to meet each learner’s educational and career goals. *This Plan of Study, used for learners at an educational institution, should be customized with course titles and appropriate high school graduation requirements as well as college entrance requirements.*

### EDUCATION LEVELS

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<th>GRADE</th>
<th>English/Language Arts</th>
<th>Math</th>
<th>Science</th>
<th>Social Studies/Sciences</th>
<th>Other Required Courses</th>
<th>Other Electives</th>
<th>*Career and Technical Courses and/or Degree Major Courses for Telecommunications Pathway: Telecommunication Technician</th>
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### SAMPLE Occupations Relating to This Pathway

- Customer Service Representative
- Network Designer
- Sales Representative
- Systems Designer
- Telecommunication Computer Programmer and Systems Analyst
- Telecommunication Equipment: Cable, Line Repairer and Installer
- Telecommunication Technician

### Articulation/Dual Credit

Transcripted-Postsecondary courses may be taken/moved to the secondary level for articulation/dual credit purposes.

### WITC TELECOMMUNICATION TECHNICIAN

#### Year 13

**Applied Communications I**

Math 355

- Telecommunication Safety; Construction Practices; Telecommunication Transmission; Telephone Networking; Intro to HFC/Cable TV; Fiber Optics Operations; Multi-Line Phone Systems; HFC Cable TV Operation; Signal Testing; Telecommunication Industry Concerns; Communications Electricity 1; Communications Electricity 2; Internship; Introduction to Cellular Technology

### Advanced Standing Option

**Transcripted Credit Option**

**Master’s Required**

### Year 15

WITC has articulation agreements with the following institutions for students who graduate from WITC with a Technical Diploma in Telecommunication Technician. Students should check with the institution they wish to transfer to for specific courses and credits that transfer.

**PRIVATE:** Upper Iowa University, Fayette, IA or Online Programs

**UW:** UW-Stout

Credits may transfer to other institutions. Check with admissions advisors at institutions for specific course and/or credit transfers.

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