

Interests include: working with electronics and computers



Name:
High School:
Plan of Study: Electronics



Grade	English/ Language Arts	Math	Science	Social Studies/ Sciences	Career and Technical Courses Central to this Pathway	Other Required Courses, Electives	Student Organizations/ Community Service		
Career Interest Inventory Administered and Program of Study Initiate for all Learners									
9						Required: <ul style="list-style-type: none"> ▪ Suggested: <ul style="list-style-type: none"> ▪ Algebra ▪ Advanced Algebra ▪ CAD ▪ Electricity/Electronics ▪ Geometry ▪ Physics (If available at high school) <ul style="list-style-type: none"> ▪ Computer Hardware class ▪ A + Certification ▪ Computer Networking class 			
10									
11									
College Placement Assessments- Academic/ Career Advisement Provided (Accuplacer, ACT, SAT, etc.) Did you participate in Project Lead the Way classes for advanced placement?									
12									
Articulation/ Dual Credit Transcribed-Postsecondary courses may be taken/moved to the secondary level for articulation/dual credit purposes							Occupations Relating to this Pathway		
General Education Courses					Program Courses		Associate Degree: Electronics Field Service Technician Electronics Lab Technician Computer Systems Service Technician Engineering Support Technician Technical Sales Representative Automated Testing Technician		
13/14	Oral/Interpersonal Communications Intern Algebra W Apps College Physics 1 Psychology of Human Relations or Intro to Psych	College Physics 2	Written Communication	Economics or Intro To Ethics or Intro to Sociology	<ul style="list-style-type: none"> ▪ DC Circuits ▪ Computers for Technicians ▪ Electronic Fabrication 	<ul style="list-style-type: none"> ▪ Programming for Technicians ▪ AC Circuits ▪ Electronic Devices and Circuits 1 ▪ Digital Fundamentals ▪ A+ Certification Core Hardware 	<ul style="list-style-type: none"> ▪ Network + Computer Troubleshooting ▪ Electronic Devices and Circuits 2 ▪ Introduction to PLCs and Motor control 	<ul style="list-style-type: none"> ▪ 2D Machine Tool CAD ▪ Computer Interfacing & Instrumentation ▪ Process Control Fundamentals ▪ Electronic Computer Systems Project ▪ Elective 	Bachelor's Degree: Electrical Engineer Electronics Engineer Computer Engineer
15/16 NTC is currently working on articulation agreements with post-secondary institutions. Check out the transfer guides with Upper Iowa (Business Administration) and Stout (Information and Communication Technologies) at: www.ntc.edu/transferinfo/									