

PROGRAM OF STUDY



Career Cluster: Arts, A/V Tech, and Communications

Career Cluster Pathway: Telecommunications

This Career Pathway Program of Study can serve as a guide along with other career planning materials as learners continue on a career path. Courses listed within this program are only recommended coursework and should be individualized to meet each learner's education and career goals. **Note:** Many items have links to external resources with more information.

REQUIRED CREDITS	GRADE	English/ Language Arts (4.0 credits)	Social Studies (2.5 credits)	Math (2.0 credits)*	Science (2.0 credits)	Fine Arts (1.0 credits)	Health/ Fitness (2.5 credits)**	Electives (6.5 credits)	Related Career & Technical/ Occupational (1.0 credits) Certificate and Tech Prep (notation on HS and TP alignment)	SAMPLE Occupations Relating To This Pathway (*indicates job in high demand) (⊙ indicates a "green" job)	
SECONDARY SAMPLE COURSE OFFERINGS	9	English 1 or Honors English 1	Pacific Northwest History (.5)	Algebra I Geometry	Integrated Science or Adv Int Science	Credits from Art Courses or CTE Equivalent	Health (.5)	Elective courses (6.5) and Project Me and Other CAA requirements	<u>ASD CTE COURSE OPTIONS</u> Broadcasting Advanced Broadcasting Work Based Learning CTE Grad Project <u>LEADERSHIP</u> FBLA Skills USA <u>TECH PREP ARTICULATIONS</u> Advanced Broadcasting- Bates (9cr.) <u>CERTIFICATION</u> Work Readiness Credential	<u>Little or No Preparation</u> <ul style="list-style-type: none"> • Telephone Operators • Customer Service Representative <u>Some Preparation</u> <ul style="list-style-type: none"> • Telecommunication Equipment: Cable, Line Repair and Installer • Public Address System and Other Announcers <u>Medium Preparation</u> <ul style="list-style-type: none"> • Radio and Television Announcers • Telecommunication Technician <u>Considerable Preparation</u> <ul style="list-style-type: none"> • Telecommunication Computer Programmer and Systems Analyst • Network Designer • CTE Teacher 	
	10	English 2 or Honors English 2	US History	*Class of 2013 (add't 1.0 credit) or Algebra II or	Biology <u>or</u> AP Biology <u>or</u> Biotechnology <u>or</u> Horticulture <u>or</u> Natural Resources I		Credits from Health and Fitness Courses				**Successfully completing two years of physical education and one semester of health is required for high school graduation.
	11	English Electives or Business English	World History <u>or</u> Economics <u>or</u> Economics II	Pre-Calculus or Calculus or CTE Equivalent	Science Electives						
	12	English Electives or Business English	World History <u>or</u> Economics <u>or</u> Economics II <u>and</u> CWP	(Students must pass a math competency test or have four years of math credits.)							

Technical Certification <i>(instruction provided through certified training and/or testing centers)</i>	Apprenticeship Opportunities	2-yr or ATA Degree <i>(Find specific colleges at www.checkoutacollege.com)</i>	4 –yr Degree or Advanced Training
<p><u>Communications Systems Installation and Repair Technology</u></p> <ul style="list-style-type: none"> • Bates Technical College <p><u>Computer Systems Networking and Telecommunications</u></p> <ul style="list-style-type: none"> • South Puget Sound Community College and most other technical and community colleges <p><u>Receptionist</u></p> <ul style="list-style-type: none"> • Bellingham Technical College • Clark College • Columbia Basin College • Everest College (formerly Western Business College) • Peninsula College • Renton Technical College • South Puget Sound Community College • Spokane Community College • Tacoma Community College 	<p>To learn more about Apprenticeship, visit Labor and Industries website.</p> <p>This pathway does not currently have any active apprenticeships.</p>	<p><u>Communications Systems Installation and Repair Technology</u></p> <ul style="list-style-type: none"> • Bates Technical College <p><u>Computer Systems Networking and Telecommunications</u></p> <ul style="list-style-type: none"> • South Puget Sound Community College and most other technical and community colleges 	<p><u>Computer Systems Networking and Telecommunications</u></p> <ul style="list-style-type: none"> • City University • DeVry University-Washington • ITT Technical Institute • University of Phoenix-Seattle Campus <p><u>CTE Secondary Education Teacher</u></p> <ul style="list-style-type: none"> • Education Degree in a CTE program area with 2000 hours of related work experience • Industry Route Certificate requires 6000 hours of work experience in the field and completion of a state approved CTE Preparation Program along with passage of Basic Skills Math and English

*Data acquired from www.workforceexplorer.com, www.sbctc.edu, www.careerclusters.org, and www.edf.org/cagreenjobs,

Adapted from <http://www.nthurston.k12.wa.us/education/components/scrapbook/default.php?sectiondetailid=34988>