iTech

CTE™
Learning that works
for Washington

Agricultural Sciences Pathway

Other
- College Career Choices ● ■
- Career Choices - Internship ● ■
- Work Experience (AG)

Business, Marketing, Computer Science Pathway

Computer Science
- AP Computer Science A ● ■
- Computer Science Special Projects
- Video Game Programming ■

CTA
- Business Principles
- Fashion Design
- Hospitality & Tourism

Other
- College Career Choices ● ■
- Career Choices - Internship ● ■
- Work Experience (BUS, LEGAL, WEB)

Skilled & Technical Pathway

Advanced Manufacturing
- Animatronics

Building Construction Trades
- Technical Theatre
- Intro to Building Trades ■
- Building Construction Trades II ● ■
- Building Construction Trades III ● ■

Digital Arts
- Multimedia Exploration ■
- Visual Arts and Design II ■
- Visual Media Publications ■
- Digital Photo STEM ■

Other
- College Career Choices ● ■
- Career Choices - Internship ● ■
- Work Experience (MEDIA, CONST, MECH, WELD)

CTA
- Diesel
- Aviation
- Automotive
- Fire Science
- ITS3
- Pre-Engineering
- Construction
- Criminal Justice

STEM Pathway

Engineering Technology
- Pre-Engineering Design
- Everyday Engineering ●
- Electronics Applications
- Mechanics of Robotics

Other
- College Career Choices ● ■
- Career Choices - Internship ● ■
- Work Experience (ENG)

Health Science Pathway

CTA
- Applied Medical Science
- Dental Assisting

Other
- College Career Choices ● ■
- Career Choices - Internship ● ■
- Work Experience (MED)

Family & Consumer Science Pathway

CTA
- Culinary
- Cosmetology

Other
- College Career Choices ● ■
- Career Choices - Internship ● ■
- Work Experience (FACSE, ED, CUL, ASL)

LEGEND
● = Dual Credit   ■ = Industry Certificate   CTA = Cascadia Tech Academy

iTech Preparatory CTE Pathways	2 for 1 Equivalency Credit	Dual Credit Opportunity for College Credit	Industry Recognized Certifications Offered
Career & College Readiness			
College & Career Choices		BUS 148 Business Professional Self Development (3 Credits at Clark College)	
Career Choices Internship		BUS 148 Business Professional Self Development (3 Credits at Clark College)	
Work Experience			
Business, Marketing, Computer Science			
AP CS Principles	1.0 Math **OR** 1.0 Science	Students who successfully submit a performance task and complete the AP Comp Sci exam with a score of 3 or higher earn college credit from most US Universities.	
Video Game Programming			Students have the opportunity to take the Unity Programmer Exam to earn a certificate.
Skilled & Technical			
Digital Photo Stem	0.5 Art/1.0 Art		Adobe
Visual Media Publications	1.0 Art		Adobe
Multimedia Exploration (now a 1.0 class - formally 2 separate classes with Visual Arts & Design II)	1.0 Art		
STEM			
Pre Engineering Design			

Everyday Engineering		ENGR 106: Engineering Problems (3 Credits at Lower Columbia College)	Autodesk Certified Associate in CAD for Mechanical Design
Electronics Applications			
Mechanics of Robotics			