



**TAF@SAGHALIE**

**CTE PROGRAMS OF STUDY**



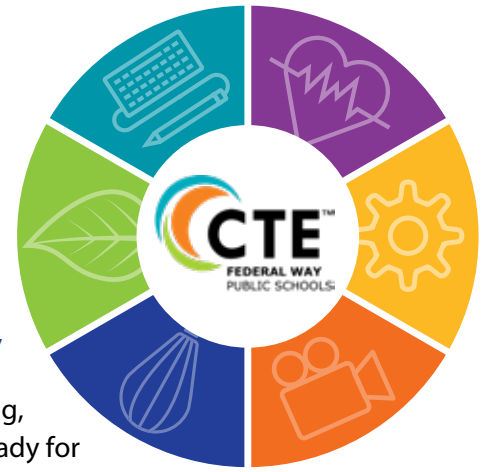
**CTE™**  
**CLASSROOM**  
**TO CAREER**  
Your future is right here.



**FEDERAL WAY  
PUBLIC SCHOOLS**



# Career Planning through CTE course offerings



**CTE is focused on providing students with skills, knowledge and other training to prepare them for a career.**

## Benefits of CTE include:

- Exploration of real career opportunities
- Development of career skills
- Work-based learning activities
- Industry Recognized Credentials and Certifications (IRCs)
- CTE college credit
- Leadership and extended learning through CTE clubs and student organizations
- High School equivalency credit
- Bridge to future education

Interested in what other FWPS high schools offer? Scan here to explore the CTE Programs of Study by high school



**In Federal Way Public Schools,** our scholars will successfully navigate the critical transitions in their schooling, and will graduate from high school ready for college, career, and post-secondary experiences.

This resource organizes the CTE courses offered at TAF@Saghalie, and can help you when it's time to register for courses. CTE courses are organized into 6 CTE Programs of Study that align to high-wage, in-demand and high-skill careers:

- AGRICULTURAL EDUCATION\***
- BUSINESS AND MARKETING**
- FAMILY AND CONSUMER SCIENCES**
- HEALTH SCIENCES**
- SKILLED AND TECHNICAL SCIENCES**
- SCIENCE, TECHNOLOGY, ENGINEERING AND MATH (STEM)**

*Answer the questions below to plan your career path using CTE Programs of Study and CTE courses offered. Answers can be found in the Program of Study charts included in this booklet.*

- A career I'm interested in learning more about is *(see column 4 in the Program of Study charts)*  
\_\_\_\_\_
- This career falls under the \_\_\_\_\_  
Program of Study *(see title above your selected Program of Study chart)*
- Possible CTE courses that align to this career are *(see column 2 in the Programs of Study charts)*  
\_\_\_\_\_
- Is the above course eligible for CTE college credit (dual credit)?  
*(see column 3 for College Credit information)* Yes  No
- Industry Recognized Credentials or Certifications (IRCs) are desirable to employers and can help me enter the workforce. Is there an IRC offered in this course?  
*(see column 3 for IRC information)* Yes  No
- What post-secondary programs are available under this Program of Study?  
*(see column 5 for Post-Secondary Programs & Degrees)*  
\_\_\_\_\_



**Talk to your high school counselor and/or high school college and career specialist as you continue to explore and plan for college, career, and post-secondary programs that best fit your individual needs, skills and interest.**

\* Program of Study only offered at Decatur High School

# Business and Marketing

CAREER CLUSTER	HIGH SCHOOL COURSE TITLE	EQUIVALENCY CREDIT/COLLEGE CREDIT/INDUSTRY RECOGNIZED CREDENTIALS	CAREERS	POST-SECONDARY PROGRAMS & DEGREES
BUSINESS, MANAGEMENT AND ADMINISTRATION	INCubator Entrepreneurship	<p><b>COLLEGE CREDIT:</b></p> <p><b>Green River College</b></p> <ul style="list-style-type: none"> <li>BUS 164 – Entrepreneurship and Small Business Management (5 credits)</li> </ul> <p><b>Highline College</b></p> <ul style="list-style-type: none"> <li>BUSN 155 – Entrepreneurship (3 credits)</li> </ul> <p><b>Renton Technical College</b></p> <ul style="list-style-type: none"> <li>BUS 125 – Concept to Commercialization (5 credits)</li> </ul>	Accounting Administrative Assistant Advertising Auditor Bill & Account Collector Brand Management Business Manager Certified Public Accountant Computer Equipment Repair Computer Network & Data Computer Programmer Computer Science Engineer Computer Support Specialist Computer Systems Analyst Computer Technician Controller Court Reporter Database Administrator Economist Entrepreneur Event Planner Funeral Director Game Designer Information Technology Specialist/Manager Insurance Agent International Business Inventory Manager Loan Officer Market Research Analyst Marketing Manager Media Buyer/Planner Office Manager Personnel Recruiter Public Relations Real Estate Appraiser Research Specialist Retail Sales Supervisor Sales Representative Small Business Owner Stock Broker Systems Administrator Tax Examiner Tax Preparer Underwriter Web Developer Wholesale & Retail Buyer	<p><b>TECHNICAL PROGRAMS IN BUSINESS, ADMINISTRATION, &amp; MARKETING</b></p> <p><b>Accounting:</b> Bates, Bellevue, Clover Park, Green River, Highline, Lake Washington, Pierce, Renton, South Seattle, Tacoma</p> <p><b>Banking &amp; Support Services:</b> Renton</p> <p><b>Business Adm. Management:</b> Bates, Bellevue, Highline, Pierce, Renton, Tacoma</p> <p><b>Computer Science:</b> Bates, Pierce</p> <p><b>Human Resources Management:</b> Bellevue, Pierce, Tacoma</p> <p><b>Marketing Management:</b> Bates, Bellevue, Green River, Highline, Pierce</p> <p><b>Retail Management:</b> Bellevue, Clover Park, Highline</p> <p><b>Office Management:</b> Bellevue, Clover Park, Pierce, Renton, Seattle Central, South Seattle</p>
	Intro to Computer Science and Game Design	<p><b>COLLEGE CREDIT:</b></p> <p><b>Green River College</b></p> <ul style="list-style-type: none"> <li>BTAC 184 – Internet and Basic Web Design (5 credits)</li> </ul>	Entrepreneur Event Planner Funeral Director Game Designer Information Technology Specialist/Manager Insurance Agent International Business Inventory Manager Loan Officer Market Research Analyst Marketing Manager Media Buyer/Planner Office Manager Personnel Recruiter Public Relations Real Estate Appraiser Research Specialist Retail Sales Supervisor Sales Representative Small Business Owner Stock Broker Systems Administrator Tax Examiner Tax Preparer Underwriter Web Developer Wholesale & Retail Buyer	<p><b>UNIVERSITY PROGRAMS</b></p> <p><b>Business Administration:</b> EWU, CWU, WSU, UW, WWU</p> <p><b>Information Technology: Design Tech:</b> EWU</p> <p><b>IT &amp; Information Management:</b> CWU</p> <p><b>Digital Technology:</b> WSU</p> <p><b>Information Systems and Operations Management:</b> UW</p> <p><i>Additional programs may be available, please check individual colleges for more information.</i></p>

# Health Sciences

CAREER CLUSTER	HIGH SCHOOL COURSE TITLE	EQUIVALENCY CREDIT/ COLLEGE CREDIT/ INDUSTRY RECOGNIZED CREDENTIALS	CAREERS	POST-SECONDARY PROGRAMS & DEGREES
<b>HEALTH SCIENCE</b>	Principles of Biomedical Science Year 1 	<b>EQUIVALENCY CREDIT:</b> Biology	Anesthesiologist Athletic Trainer Biochemist Bio-Tech Lab Technician	<b>TECHNICAL PROGRAMS IN MEDICAL/HEALTH</b> <i>Biological Lab Tech:</i> Bates <i>Central Service Tech:</i> Clover Park <i>Dental Assistant:</i> Bates, Clover Park, Pierce, Lake Washington, Renton, Seattle Central <i>Dental Hygienist:</i> Bates, Clover Park, Pierce, Lake Washington, Renton, Seattle Central <i>Dental Lab Tech:</i> Bates <i>Emergency Med Tech:</i> Tacoma <i>Forensic Tech:</i> Green River <i>Health Unit Coord./Ward Clerk:</i> Bellevue, Clover Park <i>Hemodialysis:</i> Clover Park <i>Medical Assistant:</i> Bellevue, Clover Park, Highline <i>Medical Insurance Coding:</i> Bates, Highline, Tacoma <i>Medical Records/Health Info. Mgmt.:</i> Highline, Tacoma <i>Medical Transcription/Scribe:</i> Bates, Tacoma <i>Nursing Assistant:</i> Clover Park, Green River, Tacoma <i>Nursing-Associate Degree:</i> Bellevue, Clover Park, Highline, Renton, Tacoma, South Seattle <i>Nursing Practical:</i> Bates, Clover Park, Green River, Highline, Lake Washington, Pierce, Renton, South Seattle <i>Optometric Tech:</i> Renton <i>Radiologic Tech:</i> Bellevue, Tacoma <i>Respiratory Therapy:</i> Highline, Seattle Central, Tacoma <i>Sign Language Interpreter:</i> Seattle Central <i>Substance Abuse Counseling:</i> Bellevue, Clover Park, Seattle Central, Highline <i>Surgical Tech:</i> Clover Park, Seattle Central <i>Ultrasound Tech:</i> Bellevue, Tacoma <i>Veterinary Assistant:</i> Pierce
	Human Body Systems Year 2 	<b>EQUIVALENCY CREDIT:</b> Lab Science	Certified Nursing Assistant Chiropractor	
	Physics of Medical Interventions Year 3 	<b>EQUIVALENCY CREDIT:</b> Lab Science <hr/> <b>INDUSTRY RECOGNIZED CREDENTIAL:</b> Biotechnician Asst. Credentialing Exam (BACE) (Biotility)	Clinical Medical Assistant Dental Assistant Dental Hygienist Dentist Dietician EMT/Paramedic Health Care Administration Home Health Aide Massage Therapist Medical Transcriptionist Nurse Practitioner Optometrist Pharmacist Pharmacy Technician Physical Therapist Physician Psychologist Registered Nurse Speech Pathologist Sports Trainer Surgeon Surgical Technician Ultrasound Technician	
				<b>UNIVERSITY PROGRAMS</b> <i>Animal Biology/Zoology:</i> UW, WWU, WSU <i>Athletic Training:</i> EWU, Whitworth, WSU <i>Biotechnology:</i> WSU, UW <i>Dietician:</i> CWU, WSU, UW <i>Medicine:</i> UW, WSU <i>Nursing:</i> UW, EWU, WSU <i>Pharmaceutical Sciences:</i> WSU, UW <i>Physical Therapy:</i> EWU, UPS, UW <i>Veterinary Science:</i> WSU Additional programs may be available, please check individual colleges for more information.

# Skilled and Technical Sciences

CAREER CLUSTER	HIGH SCHOOL COURSE TITLE	EQUIVALENCY CREDIT/COLLEGE CREDIT/ INDUSTRY RECOGNIZED CREDENTIALS	CAREERS	POST-SECONDARY PROGRAMS & DEGREES
ARTS, A/V TECHNOLOGY AND COMMUNICATION	STEM Art (Middle School)		Air Traffic Controller Airplane Pilot Animator Architect Art Director Art Therapist Artist Artistic Director Audio Systems Technician Audio-Visual Designer & Engineer Audio-Visual Specialist Automobile Mechanic Broadcast Technician Cabinet Maker Camera Operator Carpenter Cartoonist Cinematographer Civil Engineer Computer Animation Construction Foreman Construction & Building Inspector Construction Manager Correctional Officer Customs Agent Design Engineer Detective Drafter Drywall Installer Electrical Engineering Electrician Electronic Engineer Fashion Designer FBI Agent Film Making Fire Inspector General Contractor Graphic Designer Illustrator Industrial Engineer Interior Designer Machinist Mechanical Engineer Military Officer Military Service Painting Plumber Potter Prop Crafts Artisan Sculptor Set Designer Sheet Metal Worker Sign Painter Tattoo Artist Technical Computer Support Video Systems Technician Videographer & Special Effects Welding Technician	<b>TECHNICAL PROGRAMS IN ARTS, A/V TECHNOLOGY &amp; COMMUNICATION</b> <i>Animation:</i> Lake Washington <i>Computer Graphics:</i> Bellevue, Lake Washington, Pierce <i>Commercial Photography/Commercial Advertising/Art:</i> Seattle Central <i>Media, Communications &amp; Design:</i> Bates, Bellevue, Clover Park, Highline, Lake Washington, Seattle Central, Pierce, Whitman <i>Photographic &amp; Film/Video:</i> Bellevue, Central, Eastern, DigiPen, Lake Washington, Whitman, Seattle U <i>Radio/Television Broadcasting Tech:</i> Bates, South Seattle
	Visual Communications 1	<b>EQUIVALENCY CREDIT:</b> Fine Arts		
	AP Studio Art 2D	<b>COLLEGE CREDIT:</b> AP <b>EQUIVALENCY CREDIT:</b> Fine Arts		<b>TECHNICAL PROGRAMS IN SKILLED &amp; TECHNICAL SCIENCES</b> <i>Architectural Engineering/Drafting:</i> Clover Park, Green River, Lake Washington, Renton, South Central <i>Biomedical Tech:</i> Bates, Clover Park <i>Civil Engineering Tech/Civil Drafting:</i> Bates, Clover Park, Renton <i>Composites:</i> Bellevue, Clover Park <i>Computer Tech:</i> Bates, Bellevue, Clover Park, Green River, Pierce <i>Drafting/Design CAD/CADD:</i> Clover Park, Green River, Highline, Lake Washington, Renton, North Seattle, South Seattle <i>Electronic Engineering Tech:</i> Bates <i>Engineering Tech:</i> Clover Park <i>Fire Security Tech:</i> Clover Park <i>Industrial, Construction, &amp; Manufacturing Programs:</i> Bates, Clover Park, Green River, Lake Washington, Pierce, Renton, Seattle Central, South Seattle <i>Information Technology Programs:</i> Bates, Bellevue, Clover Park, Green River, Highline, Lake Washington, Pierce, Renton, Seattle Central, South Seattle <i>Mechanical Tech/Drafting:</i> Bates, Clover Park, Green River, Lake Washington, South Seattle <i>Mechanics Programs:</i> Bates, Bellevue, Clover Park, Green River, Highline, Lake Washington, Pierce, Renton, Seattle Central, South Seattle <i>Occupational Safety:</i> Pierce
				<b>UNITED STATES MILITARY SERVICE</b> Air Force, Army, Marines, Navy, Coast Guard  <i>Additional programs may be available, please check individual colleges for more information.</i>

# STEM

CAREER CLUSTER	HIGH SCHOOL COURSE TITLE	EQUIVALENCY CREDIT/COLLEGE CREDIT/INDUSTRY RECOGNIZED CREDENTIALS	CAREERS	POST-SECONDARY PROGRAMS & DEGREES
<b>SCIENCE, TECHNOLOGY, ENGINEERING AND MATHEMATICS</b>	Pre-Engineering 7/8: Design and Modeling (Middle School)		Aeronautical Engineer Aircraft Mechanic Airplane Assembler	<b>TECHNICAL SCHOOLS WITH STEM PROGRAMS</b> <i>Engineering Technology:</i> Bates, Walla Walla <i>Computer Engineering:</i> DigiPen <hr/> <b>UNIVERSITIES WITH STEM PROGRAMS</b> <i>Civil Engineering:</i> St. Martin's, Gonzaga, Seattle U <i>Computer Engineering:</i> EWU, Seattle Pacific, WWU, Gonzaga, Seattle U <i>Electrical Engineering:</i> EWU, Seattle Pacific, WWU, Gonzaga, Seattle U <i>Manufacturing Engineering:</i> WWU <i>Mechanical Engineering:</i> EWU, Seattle Pacific, Gonzaga, Seattle U <i>Additional programs may be available, please check individual colleges for more information.</i>
	Intro to Robotics 7/8 (Middle School)		Architectural & Engineering Manager CAD Designer Civil Engineer Design Engineer Drafter Industrial/Mechanical Engineer Robotics Engineer Sustainability Specialist	
	Introduction to Engineering Design	<b>EQUIVALENCY CREDIT:</b> 3rd Math <b>COLLEGE CREDIT:</b> <b>Renton Technical College</b> <ul style="list-style-type: none"> <li>DFT 113 – Introduction to Computer-Aided Design (5 credits)</li> </ul>		







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