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# Business and Marketing

CAREER CLUSTER	HIGH SCHOOL COURSE TITLE	EQUIVALENCY CREDIT/COLLEGE CREDIT/ INDUSTRY RECOGNIZED CREDENTIALS	CAREERS	POST-SECONDARY PROGRAMS & DEGREES
ARTS, A/V TECHNOLOGY AND COMMUNICATION	Publishing (Yearbook)		Accounting Administrative Assistant Advertising	<b>TECHNICAL PROGRAMS IN BUSINESS, ADMINISTRATION, &amp; MARKETING</b>  <i>Accounting:</i> Bates, Bellevue, Clover Park, Green River, Highline, Lake Washington, Pierce, Renton, South Seattle, Tacoma  <i>Banking &amp; Support Services:</i> Clover Park, Renton  <i>Business Administration Management:</i> Bates, Bellevue, Highline, Pierce, Renton, Tacoma  <i>Computer Tech:</i> Bates, Pierce  <i>Human Resource Management:</i> Bellevue, Pierce, Tacoma  <i>Marketing Management:</i> Bates, Bellevue, Clover Park, Green River, Highline, Pierce  <i>Retail Management:</i> Bellevue, Clover Park, Highline  <i>Office Management:</i> Bellevue, Clover Park, Pierce, Renton, Seattle Central, South Seattle
	INCubator Entrepreneurship	<b>COLLEGE CREDIT</b> <b>Green River College</b> • BUS 164 – Entrepreneurship and Small Business Management (5 credits)	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	
BUSINESS, MANAGEMENT AND ADMINISTRATION	Personal Finance Math	<b>EQUIVALENCY CREDIT:</b> Math  <b>COLLEGE CREDIT</b> <b>Green River College</b> • BATC 110 – Business Math Applications (5 credits) <b>Highline College</b> • BUSN 133 – Basic Money Management (5 credits) <b>Renton Technical College</b> • AMATH 175 – Applied Mathematics for Business and Industry (5 credits)	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	<b>UNIVERSITY PROGRAMS</b>  <i>Business Administration:</i> EWU, CWU, WSU, UW, WWU  <i>Information Technology:</i> Design Tech: EWU  <i>IT &amp; Information Management:</i> CWU  <i>Digital Technology:</i> WSU  <i>Information Systems and Operations Management:</i> UW  <i>Additional programs may be available, please check individual colleges for more information.</i>
	Introduction to Computer Science and Game Design	<b>COLLEGE CREDIT</b> <b>Green River College</b> • BTAC 184 – Internet and Basic Web Design (5 credits)		
	AP Computer Science Principles	<b>EQUIVALENCY CREDIT:</b> Math or Science  <b>COLLEGE CREDIT:</b> AP		
	AP Computer Science A	<b>EQUIVALENCY CREDIT:</b> Math or Science  <b>COLLEGE CREDIT:</b> AP		
INFORMATION TECHNOLOGY	Web Design	<b>COLLEGE CREDIT</b> <b>Green River College</b> • BTAC 184 – Internet and Basic Web Design (5 credits) <b>Highline College</b> • VICOM 100 – Intro to Web Design (5 credits) <b>Renton Technical College</b> • CSI 140 – Front End Web Development (5 credits)		
	Introduction to Fashion Marketing	<b>COLLEGE CREDIT</b> <b>Green River College</b> • BUS 121 – Marketing Fundamentals (5 credits)		
	Introduction to Marketing	<b>COLLEGE CREDIT</b> <b>Green River College</b> • BUS 121 – Marketing Fundamentals (5 credits) <b>Highline College</b> • BUSN 138 – Principles of Marketing (5 credits) <b>Renton Technical College</b> • BUS 130 – Small Business Marketing (5 credits)  <b>INDUSTRY RECOGNIZED CREDENTIAL</b> Food Worker Card		
MARKETING	Marketing Operations, Scholar Store	<b>COLLEGE CREDIT</b> <b>Green River College</b> • BUS 121 – Marketing Fundamentals (5 credits) <b>Highline College</b> • BUSN 175 – Retailing (5 credits) <b>Renton Technical College</b> • BUS 900 – Business Elective (5 credits)  <b>INDUSTRY RECOGNIZED CREDENTIAL</b> Food Worker Card		
<b>CAREER CHOICES</b>	<b>College and Career Prep</b> (Applies to all programs of study)			







# Family and Consumer Sciences

CAREER CLUSTER	HIGH SCHOOL COURSE TITLE	EQUIVALENCY CREDIT/COLLEGE CREDIT/INDUSTRY RECOGNIZED CREDENTIALS	CAREERS	POST-SECONDARY PROGRAMS & DEGREES
EDUCATION AND TRAINING	ASL 1-4	<b>EQUIVALENCY CREDIT:</b> World Language <b>COLLEGE CREDIT</b> <b>Spokane Falls College</b> • ASL& 121 – American Sign Language I (5 credits)	Baker Banquet Chef Caterer Chef	<b>TECHNICAL PROGRAMS IN EDUCATION</b> <b>Early Childhood Ed &amp; Teaching:</b> Bates, Bellevue, Clover Park, Green River, Highline, Pierce, Renton, Seattle Central <b>Prof-Tech Teaching:</b> Bates, Lake Washington <b>Teacher Aide:</b> Bates, Clover Park, Green River, Pierce, Tacoma <b>Sign Language Interpretation:</b> Seattle Central
	Teacher Academy	<b>COLLEGE CREDIT</b> <b>Highline College</b> • EDUC& 120 – Early Childhood Practicum (2 credits) • EDUC& 136 – School Age Care (3 credits) • EDUC& 202 – Intro to Education (5 credits) <b>Renton Technical College</b> • ECED& 105 – Intro to Early Childhood (5 credits)	Child Care Worker Clergy College Professor Counselor Educational Administrator Employment Interviewer Executive Chef Facilities Management Food Service Manager	<b>TECHNICAL PROGRAMS IN PROJECT MANAGEMENT</b> Highline College <b>TECHNICAL PROGRAMS IN CULINARY ARTS &amp; HOSPITALITY</b> <b>Baking &amp; Pastry Arts:</b> Lake Washington, Renton, Seattle Central <b>Culinary Arts/Chef Training:</b> Bates, Clover Park, Lake Washington, Renton, Seattle Central, South Seattle
HEALTH SCIENCE	Nutrition and Wellness	<b>INDUSTRY RECOGNIZED CREDENTIAL</b> Food Worker Card	Food Production Supervisor Government Executive & Legislative Librarian Library Technician Resort Manager Restaurant Manager Sign Language Interpreter Social Worker Teacher	<b>UNIVERSITY PROGRAMS</b> <b>CWU:</b> Psychology, Sociology, Family & Consumer Sciences, Education, Nutrition, Exercise, Health Science <b>UW:</b> Education, Psychology, Social Sciences, Sociology <b>WWU:</b> Education, Psychology <b>EWU:</b> Education, Psychology <b>WSU:</b> Hospitality Business Administration, Education <i>Additional programs may be available, please check individual colleges for more information.</i>
HOSPITALITY AND TOURISM	Culinary Arts Foundations	<b>COLLEGE CREDIT</b> <b>Renton Technical College</b> • CUL 103 – Knife Skills (3 credits)		
HUMAN SERVICES	Child Development	<b>INDUSTRY RECOGNIZED CREDENTIAL</b> Food Worker Card		
		<b>COLLEGE CREDIT</b> <b>Highline College</b> • EDUC& 115 – Child Development (5 credits) <b>Renton Technical College</b> • EDUC 115 – Child Development (5 credits)		
CAREER CHOICES		College and Career Prep (Applies to all programs of study)		



# 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 Certified Nursing Assistant Chiropractor 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>TECHNICAL PROGRAMS IN MEDICAL/HEALTH</b> <i>Biological Lab Tech:</i> Bates <i>Dental Assistant:</i> Bates, Clover Park, Renton <i>Dental Hygienist:</i> Pierce, Renton <i>Dental Lab Tech:</i> Bates <i>Ultrasound Tech:</i> Bellevue, Tacoma <i>Emergency Med Tech:</i> Tacoma <i>Medical Records:</i> Highline, Tacoma <i>Ward Clerk:</i> Bellevue, Clover Park <i>Hemodialysis:</i> Clover Park <i>Central Service Tech:</i> Clover Park <i>Medical Insurance Coding:</i> Bates, Highline, Tacoma <i>Radiologic Tech:</i> Bellevue, Tacoma <i>Medical Transcription:</i> Bates, Highline, Tacoma <i>Medical Asst.:</i> Bellevue, Clover Park, Highline <i>Nursing Asst.:</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>Optician:</i> Seattle Central <i>Optometric Tech:</i> Renton <i>Sign Language Interpreter:</i> Seattle Central <i>Respiratory Therapy:</i> Highline, Seattle Central, Tacoma <i>Substance Abuse Counseling:</i> Bellevue, Clover Park, Seattle Central, Highline <i>Surgical Tech:</i> Clover Park, Seattle Central <i>Veterinarian Asst.:</i> Pierce <i>Forensic Tech:</i> Green River
	Human Body Systems Year 2 	<b>EQUIVALENCY CREDIT</b> Lab Science  <b>COLLEGE CREDIT</b> <b>Renton Technical College</b> • MEDA 108 – Anatomy and Physiology I (4 credits)		
	Physics of Medical Interventions Year 3 	<b>EQUIVALENCY CREDIT</b> Lab Science  <b>INDUSTRY RECOGNIZED CREDENTIAL</b> Biotechnician Asst. Credentialing Exam (BACE) (Biotility)		
	Biomedical Innovations Year 4 	<b>EQUIVALENCY CREDIT</b> Science  <b>INDUSTRY RECOGNIZED CREDENTIAL</b> Biotechnician Asst. Credentialing Exam (BACE) (Biotility)		
<b>CAREER CHOICES</b>	College and Career Prep (Applies to all programs of study)			

**UNIVERSITY PROGRAMS**  
*Nursing:* UW, EWU, WSU  
*Medicine:* UW  
*Veterinary Science:* WSU  
*Dietician:* CWU  
*Athletic Training:* EWU, Whitworth, WSU  
*Pharmaceutical Sciences:* WSU, UW  
*Physical Therapy:* EWU  
*Zoology:* UW, WWU, WSU  
*Biotechnology:* UW

*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	Commercial Photography	<b>EQUIVALENCY CREDIT:</b> Fine Arts  <b>COLLEGE CREDIT</b> Highline College • VICOM 147 – Introduction to Digital Photography (5 credits)	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> <b>Media, Communications &amp; Design:</b> Bates, Bellevue, Clover Park, Highline, Lake Washington, Seattle Central, Pierce <b>Computer Graphics:</b> Bellevue, Lake Washington, Pierce <b>Photographic &amp; Film/Video:</b> Bellevue <b>Animation:</b> Lake Washington <b>Commercial Photography/Commercial Advertising/Art:</b> Seattle Central <b>Radio/Television Broadcasting Tech:</b> Bates
	AP 2D Design Photography	<b>EQUIVALENCY CREDIT:</b> Fine Arts  <b>COLLEGE CREDIT:</b> AP		
	Pottery 1–2	<b>EQUIVALENCY CREDIT:</b> Fine Arts		
	Design & Applied Art 1–2	<b>EQUIVALENCY CREDIT:</b> Fine Arts  <b>Highline College</b> • VICOM 132 – Drawing for Illustration (5 credits—must complete both Design and Applied Art 1 and 2)		
	Graphic Design 1–2	<b>EQUIVALENCY CREDIT:</b> Fine Arts  <b>COLLEGE CREDIT</b> Highline College • VICOM 110 – Graphic Design I (5 credits—must complete both Graphic Design 1 and 2)		
	Visual Communications 1–2	<b>EQUIVALENCY CREDIT:</b> Fine Arts  <b>COLLEGE CREDIT</b> Highline College • VICOM 132 – Draw for Illustration (5 credits—must complete both Visual Communications 1 and 2)		
GOVERNMENT AND PUBLIC ADMINISTRATION	AFJROTC Drill & Ceremonies	<b>EQUIVALENCY CREDIT:</b> PE  <b>INDUSTRY RECOGNIZED CREDENTIAL</b> • AFJROTC Certificate of Training (2 years) • AFJROTC Certificate of Completion (4 years)		
	AFJROTC Exploring Space: The High Frontier	<b>EQUIVALENCY CREDIT:</b> Social Studies  <b>INDUSTRY RECOGNIZED CREDENTIAL</b> • AFJROTC Certificate of Training (2 years) • AFJROTC Certificate of Completion (4 years)		
	AFJROTC Global Awareness	<b>EQUIVALENCY CREDIT</b> World History or Social Studies  <b>INDUSTRY RECOGNIZED CREDENTIAL</b> • AFJROTC Certificate of Training (2 years) • AFJROTC Certificate of Completion (4 years)		
	AFJROTC Milestones in Aviation History	<b>EQUIVALENCY CREDIT:</b> Social Studies  <b>INDUSTRY RECOGNIZED CREDENTIAL</b> • AFJROTC Certificate of Training (2 years) • AFJROTC Certificate of Completion (4 years)		
	AFJROTC Management of Cadet Corps	<b>EQUIVALENCY CREDIT:</b> Social Studies  <b>INDUSTRY RECOGNIZED CREDENTIAL</b> • AFJROTC Certificate of Training (2 years) • AFJROTC Certificate of Completion (4 years)		
	AFJROTC Science of Flight	<b>EQUIVALENCY CREDIT:</b> Social Studies  <b>INDUSTRY RECOGNIZED CREDENTIAL</b> • AFJROTC Certificate of Training (2 years) • AFJROTC Certificate of Completion (4 years)		
	AFJROTC Survival	<b>EQUIVALENCY CREDIT:</b> Social Studies  <b>INDUSTRY RECOGNIZED CREDENTIAL</b> • AFJROTC Certificate of Training (2 years) • AFJROTC Certificate of Completion (4 years)		
				<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>
CAREER CHOICES	College and Career Prep (Applies to all programs of study)			



# 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>	Introduction to Engineering Design	<b>EQUIVALENCY CREDIT</b> 3rd Math	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>
	Principles of Engineering and Robotics	<b>EQUIVALENCY CREDIT</b> Lab Science	Architectural & Engineering Manager CAD Designer Civil Engineer	
	Aerospace Engineering	<b>EQUIVALENCY CREDIT</b> 3rd Math or Lab Science	Design Engineer Drafter Industrial/Mechanical Engineer Robotics Engineer Sustainability Specialist	
<b>CAREER CHOICES</b>	<b>College and Career Prep</b> ( <i>Applies to all programs of study</i> )			

