

The Four P's

School reform during the past ten years has focused on raising the bar for students and preparing them to meet the four Washington State Learning Goals. The initial stages of reform focused on Washington State Learning Goals 1 and 2 and produced the Essential Academic Learning Requirements for content areas. The Four P's were developed to meet the requirements of Washington State Learning Goals 3 & 4.

Goal 3: *“Think analytically, logically and creatively, and integrate experience and knowledge to form reasoned judgments and solve problems.”*

Goal 4: *“Understand the importance of work and how performance, effort, and decisions directly affect career and educational opportunities.”*

The Four P's are represented by Career **Pathways**, Post High School **Plans**, School **Portfolios**, and Culminating **Projects**. The Four P's activities start in your freshman year by using interest inventory assessments to determine which Pathway matches your interests and skills. From these inventories, you will select a Career Pathway. You are not “locked into” that Pathway per se; however, the Pathway you choose will help you plan your schedule to meet your goals. When you complete four credits or eight classes within your Career Pathway, you will receive a graduation cord color-matched to represent your Career Pathway for graduation ceremonies.

Requirements to receive a Pathway Cord:

- ◆ Participate in the *Bridges* program in Transitions classes to declare a Pathway.
- ◆ Complete eight recommended classes or four credits in your chosen Pathway.
- ◆ Participate in any combination of two activities: clubs, sports, job experience, and/or acceptable community service activities. Students may also apply two years in a single extra-curricular activity to meet this requirement.
- ◆ Transfer students will declare a Pathway; FHS will accept appropriate transfer classes to meet Pathway requirements.

Selecting a Career Pathway helps you sort through all our FHS courses and activities to plan a schedule that supports your goals beyond high school.

We will begin this process in Transitions class together. You will be introduced to an online program called *Bridges*: <http://www.bridges.com>. Site ID: 0065120 Password: ferndale (lowercase). This is a powerful program to use throughout your high school years and beyond to research careers, scholarships, colleges, universities, tech schools...everything you ever need to know about future career planning. Please use this after you graduate, as well; **career exploration is a lifelong adventure.**

All careers are arranged in to one of the following broad Career Pathways:

- **Arts & Communication**
- **Business & Marketing**
- **Technology & Industry**
- **Health, Education, & Human Services**
- **Sciences & Natural Resources**

Career Pathways are categorized by the following education/training required beyond high school:

- **Skilled:** careers that require some education and/or on-the-job training
- **Technical:** careers that require from one to four years education/training
- **Professional :** careers that require a minimum of four years education/training

Each Pathway shares core classes—requirements for graduation. These are listed in the TALON along with suggestions for elective courses to help you develop a class schedule that follows your personal Career Pathway; the information found in the TALON will also help you develop your High School and Beyond Plan. Please keep in mind, that these Pathways are “flexible”; they often overlap other Pathways, so changing your mind later on doesn’t make a new Pathway choice impossible.

Your **High School and Beyond Portfolio** will be housed online within the IMS website. You will be uploading documents to use to build future job resumé, job applications, and letters of recommendation. As a freshman, you will be introduced to requirements for your IMS portfolio in your Transitions class. You will continue work on the portfolio in sophomore English, junior Health, and senior CWP/Economics AP. For more information on Portfolio requirements, please see your counselor or the Career Center.

Culminating Project

Washington State requires you complete a Culminating Project during your senior year at FHS.

“This integrated learning project helps students understand the connection between school and the real world by studying a topic they like and presenting their findings to teachers, community members and other students.” (OSPI)

Your project is a performance assessment of the Washington State Learning Goals and the Ferndale School District’s Learning Standards.

Your Culminating Project consists of four components: 1) your project proposal letter, 2) the project itself, 3) a project evaluation, and 4) your presentation. Each component integrates valuable skills and knowledge and allows you to demonstrate mastery of problem-solving, organization, and communication. Although your project is completed in your senior year, learning is integrated throughout the grade 9-12 curriculum to ensure that you have the skills necessary to complete the project.

Instruction for the Culminating Project will take place in your senior English class. According to a timeline, you will meet with an assigned Advisory Team throughout the year. You will select a mentor from the community to provide you with specialized insight and support. Your senior English teacher will include Culminating Project assignments into class work. This coursework will be part of your senior English grade.

If you decide to take a senior English course-equivalent through Running Start, you will complete the Culminating Project independently. If you or your parent/guardian is concerned about your ability to complete the Culminating Project independently, we encourage you to meet with your counselor to review course options.

For more detailed information about your Culminating Project, please read the Culminating Project Handbook available in the FHS main office and in PDF format on the Ferndale High School website: <http://www.ferndale.wednet.edu/fhs>

Additional activities to assist you in developing the 4 P's

- Campus visits by college representatives allow you to ask questions and get a “feel” for the college, university, or technical school you are thinking about attending.
- Campus visits by U.S. Military recruiters who allow you to explore careers in military service.
- Career/College Fairs: Ferndale High School Career Fair, National College Fair, Whatcom County Career Fair, Math/Science Careers for Girls (Non-Traditional Career Fair), The Road Less Graveled (Non-Traditional Career Fairs). These are all beneficial to defining careers and getting answers to help you plan your future.
- Career seminars are held on campus to introduce you to people in the “real world” who can speak personally to the jobs you are potentially pursuing.
- College information workshops are advertised on the Career Center bulletin board and in the counselor’s offices to enhance your search for the perfect career.
- Career Choices and Work Experience allows you to work in your Career Pathway for high school credit towards graduation
- Extracurricular clubs and activities are listed to help you grow in the Pathway you choose.
- Field trips and tours are arranged for you to discover career ideas and direction.
- Financial aid workshops will assist you in applying for scholarships and keep you alerted to the January 1 deadline for FAFSA forms.
- Guest speakers in classrooms always add depth to your career search.
- Job shadows—11th grade requirement in Health—let you actually “see” what happens in a particular job on a day-to-day basis.
- Supervised agricultural experiences can open this field for your research.
- Technical writing in 10th grade English is an invaluable tool, no matter what career you decide to follow.



Arts & Communication—Students in this Pathway enjoy creative activities like music, writing, entertainment or art. They may also enjoy convincing others to accept a particular point of view and actively seek opportunities for self-expression. Careers in this Pathway may include architecture, creative writing, film, fine arts, graphic design and production, journalism, languages, radio, television, advertising, and public relations.



CAREER CHOICES		
Skilled	Technical	Professional
Actor/Actress Artist Choreographer Comedian Craftsman Custom Tailor Dancer Engraver Floral Designer/Florist Library Assistant Model Motion Picture Projectionist Movie and TV Camera Operator Musician Picture Framer Product Demonstrator and Promoter Recreational Exercise Instructor Sculptor	Actor/Actress Art Dealer Artist Audio-Visual Specialist Broadcast Technician Cartoonist Commercial Artist Computer Animator Dance Instructor Disc Jockey Fashion Designer Film Editor Jeweler Merchandise Displayer Musician Photographer Producer/Director Radio/TV Announcer Sound Engineering Technician Studio Technician	Actor/Actress Advertising Manager Architect Artist Commercial and Industrial Designer Commercial Art Director Communications Manager Composer Editor Engineer Graphic Designer Illustrator Interior Design Interpreter/Translator Museum Director Newscaster Public Relations Specialist Reporter Set Designer Technical Writer Writer
Recommended Courses		
<i>In addition to FHS graduation requirements and/or university entrance requirements, select courses from the list below to satisfy electives on the Four-Year Educational Plan.</i>		
Accounting 1 & 2 (T) Advanced Art Workshop Advanced Journalism (Newspaper) Advanced Theater Arts Architectural Drawing 1, 2, & Advanced Art 1 & 2 Art 2D & 3D (AP) Symphonic or Wind Ensemble Career Choices CAD 1 & 2 Ceramics 1, 2, & 3	Choir Color Guard Commercial Art Computer Aided Design 1, 2, & Advanced Computer Applications 1 & 2 (T) Creative Writing Culinary I & II Design & Construction 1 & 2 Journalism 1, 2, & Advanced Leadership	Orchestra Photo+Graphics 1 & 2 Pre-Calculus Psychology Senior Applied Communications Statistics Theater Arts Video Communication Yearbook Video Game Design World Languages
KEY TO COURSE ABBREVIATIONS: T = Tech Prep Articulated Courses, AP = Advanced Placement Courses		
Recommended Activities		
Aquila Art Shows/ Contests/Art Night/Pottery Night Band Cheerleader Choir Color Guard Fashion Club FBLA	FFA German Club Honor Society Human Relations Council Interact Club Job Shadows/Internships/Interviews Key Club Leadership Class	Legal Eagles/Teen Court MECHA Museum Volunteer Newspaper/Eagle Eye Orchestra Poetry Club Ski Club Theatre Arts/ School Play, Drama Productions



Business & Marketing—Students in this Pathway enjoy application mathematics, promoting a product or service, leading and helping people work cooperatively, and keeping track of details in a systematic way. Careers in this Pathway may include entrepreneurship, sales, marketing, computer information systems, finance, accounting, personnel, economics, and management.



CAREER CHOICES				
Skilled		Technical		Professional
Advertising Clerk	Bank Teller	Bookkeeper and Accounting Clerk	Cashier	Computer Operator
Court Clerk	Driver/Sales Worker	Emergency Vehicle Dispatcher	File Clerk	Good Service Worker
General Office Clerk	Hotel Clerk	Insurance Clerk	Mail clerk	Messenger
Payroll Clerk	Postal Clerk	Receptionist/Clerk	Reservation and Ticket Agent	Retail Sales Person
Secretary	Shipping/Receiving Clerk	Stenographer	Stock Clerk	Telemarketer
Telephone Operator	Word Processing Typist			
Administrative Assistant	Bank Customer Service Rep.	Brokerage Clerk	Claims Adjuster	Construction Manager
Court Reporter	Credit Counselor	Financial Planner or Counselor	Funeral Director	Hotel/Motel Manager
Income Tax Advisor	Insurance Agent/Broker	Legal Secretary	Loan Officer	Mathematical Technician
Medical Record Technician	Medical Secretary	Office Manager	Real Estate Sales Agent	Restaurant Manager
Retail Sales Manager	Secretary	Small Business Owner	Technical Sales Representative	Travel Agent
Accountant	Actuary	Administrative Services Manager	Advertising Manager	Advertising Sales Agent
Auditor	Auto Damage Insurance Appraiser	Budget Analyst	Computer Programmer	Computer Security Specialist
Computer Support Specialist	Database Administrator	Employment/Placement Specialist	Financial Analyst or Manager	Financial Services Sales Agent
General Manager/Chief Executive	Human Resources Manager	Insurance Claim Examiner	Loan Officer/Counselor	Marketing Research Analyst
Marketing Manager	Postmaster	Purchasing Agent or Manager	Real Estate Appraiser	Sales Manager
Tax Examiner/Revenue Agent	Underwriter			
Recommended Courses				
<i>In addition to FHS graduation requirements and/or university entrance requirements, select courses from the list below to satisfy electives on the Four-Year Educational Plan.</i>				
Accounting 1 & 2 (T)	Advanced Business Lab	Advanced Journalism - Newspaper	Advanced Word Processing (T)	Applied Math
Bookkeeping	Business Law	Business Math (T)	Calculus (AP) & Pre-Calculus	Career Choices
Creative Writing	Java Programming (AP)	Journalism	Leadership	Macro and Micro Economics (AP)
Microcomputer Applications 1 (T)	Senior Applied Communications	Statistics (AP)	Theater Arts	Video Communication
			Web Design 1	Word Processing 1 & 2
			Work Experience	World Languages
			Yearbook	
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Recommended Activities				
Aquila	Business Week	Ches Kwin Club	Class/ASB/Club Involvement	FBLA
FFA Sales and Service	Honor Society	Human Relations Council	Interact Club or Key Club	Job Shadows/Internships/Interviews
Knowledge Bowl	Leadership Class	MECHA	Newspaper/Eagle Eye	Teacher's Assistant
German Club				



Technology & Industry—Students in this Pathway often put a high value on math and science, want to see practical results from their work, enjoy working with tools and objects, and/or find understanding living or physical systems interesting. Careers may include engineering, manufacturing, construction, farming, earth sciences, environmental sciences, fisheries, forestry, horticulture, and wildlife.



CAREER CHOICES		
Skilled	Technical	Professional
Air Crew Member (Military) Bicycle Repairer Bus Driver Cabinetmaker Cannery Worker Carpet Installer Coin and Vending Machine Repairer Concrete and Terrazzo Finisher Drywall Installer/finisher Electrician Helper Electronic Components Assembler Farm Equipment Mechanic Furniture Finisher Glazier Home Appliance Repairer Janitor Locksmith Machine Assembler Machinist Motorcycle Repairer Painter Roofer Upholsterer	Agriculture Engineer Technician Air Traffic Controller Aircraft Electrician Aircraft Engine Mechanic Architectural Drafter Automotive Mechanic Automotive Body Repairer Brick and Stone Mason Carpenter Civil Engineering Technician Computer Equipment Repairer Diesel Engine Mechanic Electrician Electronic Engineering Technician Geological Technician Mechanical Drafter Millwright Plumber Radio Mechanic Sheet Metal Worker Ship Mate or Captain Structural Metal Worker Surveying Technician Welder	Aerospace/Aeronautical Engineer Agriculture Engineer Aircraft Pilot Architect Artillery Officer (Military) Cartographer Chemical engineer Civil Engineer Computer Info. Systems Manager Computer Engineer Construction Manager Electrical Engineer Electronic Engineer Engineering Manager Health and Safety Engineer Industrial Engineer Landscape Architect Marine Engineer Marine/Naval Architect Mechanical Engineer Nuclear Engineer Physicist Structural Engineer Surveyor
Recommended Courses		
<p><i>In addition to FHS graduation requirements and/or university entrance requirements, select courses from the list below to satisfy electives on the Four-Year Educational Plan.</i></p>		
Agriculture Science 1 & 2 Advanced Agricultural Science Advanced Architectural Drawing Advanced Design & Construction Advanced Horticulture (T) Advanced Computer Aided Design (T) Advanced Metals Technology (T) Algebra 2 Architectural Drawing Biology Biology (AP)	Business Law Calculus (AP) Career Choices Carpentry/Construction Technology Chemistry Computer Applications 1 & 2 (T) Computer Aided Design 1 & 2 Construction Careers Academy (T) Design & Construction Environmental Science (AP) Introduction to Industrial Technology	Geometry Landscaping Pre Calculus Metals Technology (T) Physics Physics (AP) Principles of Technology 1& 2 Small Engine Overhaul Statistics (AP) Work Experience World Languages
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Recommended Activities		
ChesKwin Club Chess Club Environmental Council FBLA and/or FFA German Club	Honor Society Human Relations Council Interact and/or Key Club Job Shadows/Internships/Interviews Knowledge Bowl	Leadership Class Math Team MECHA Teacher's Assistant Bridge Building Club



Health, Education, & Human Services—Students in this Pathway put a high value on the well-being of others, relate well with a variety of people, are committed to continuing education in order to update skills, and recognize the need for accuracy. Careers may include research, prevention, and treatment in the fields of medicine, dentistry, nursing, therapy and rehabilitation, nutrition, fitness and hygiene.



Career Choices		
Skilled	Technical	Professional
Animal Control Worker Child Care Aide/Worker Customer Service Representative Dental Assistant Dental Laboratory Technician Dialysis Technician Electrocardiograph (EKG) Technician Electroencephalograph (EEG) Technician Fast-Food Cook Fire Fighter Flight Attendant Food Service/Preparation Worker Home Health Aide Host/Hostess Kitchen Helper/Dishwasher Library Assistant Licensed Practical Nurse Maid/House Cleaner Nursing Aide/Orderly Personal Home Care Aide Pharmacy Technician Private Investigator Psychiatric Aide Refuse (Garbage) Collector Restaurant Cook Service Station Attendant Social Service Technician Tour or Travel Guide Umpire/Referee	Cardiology Technician Chef Correctional Officer Dental Hygienist Embalmer Emergency Medical Technician Fire Fighter Supervisor Fire Inspector Funeral Director/Mortician Hairdresser/Cosmetologist Legal Technician (Paralegal) Massage Therapist Medical Assistant Medical/Clinical Lab. Technician Nuclear Medicine Technician Occupational Therapy Assistant Pest Control Worker Physical Therapy Assistant Police Detective Police Officer Radiation Therapist Radiological Technician Registered Nurse Respiratory Therapist Sheriff/Deputy Sheriff Sign Language Interpreter Surgical Technician Teacher Aide Veterinarian Technician	Anesthesiologist Anthropologist Athletic Trainer Audiologist/Speech Pathologist Chiropractor Clergy Clinical Psychologist Counselor Dental Hygienist Dentist Historian Judge Lawyer Librarian Optometrist Orthodontist Parole/Probation Officer Pharmacist Physical Therapist Physician Physician Assistant Psychiatrist Recreational Therapist Social Worker Sociologist Surgeon Teacher Urban and Regional Planner Veterinarian
Recommended Courses		
<i>In addition to FHS graduation requirements and/or university entrance requirements, select courses from the list below to satisfy electives on the Four-Year Educational Plan.</i>		
Agriculture Science 1 & 2 Advanced Agriculture Science Applied Math 1 & 2, 3 & 4 Child Development Biology Biology (AP) Business Law Business Math (T)	Career Choices/Work Experience Chemistry Culinary 1 & 2 Health Care Services Program (T) Leadership Medical Terminology Pre-Calculus & Calculus (AP) Microcomputer Applications (T) Nutrition and Wellness (T)	Personal Choices (T) Psychology Physics Physics (AP) Sr. Applied Communications Sports Medicine/Allied Health Professions Statistics (AP) Word Processing 1 & 2 (T) World Language
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Recommended Activities		
Athletic Trainer Aquila Ches Kwin Club Community Service FBLA and /or FFA Fire Department Volunteer	German Club Honor Society Hospital Volunteer Interact and/or Key Club Job Shadows/Internships/Interviews Knowledge Bowl	Leadership Class Legal Eagles/Teen Court MECHA Nursing Home Volunteer Police Explorer



Science & Natural Resources—In choosing this Pathway you are generally more curious. You enjoy intellectual challenges and like to figure things out by reading, experiencing, and working with others interested in the same inquiries. You might enjoy a career that involves your analytical and problem-solving interests. Typical Jobs include the following: animal caretaker, biologist, chemist, forester, landscape architect, meteorologist, or toxicologist.



CAREER CHOICES		
Skilled	Technical	Professional
Agricultural Grader/Sorter Agricultural Sprayer Agricultural Supervisor Animal Caretaker Bucker/Faller Diver ... (Military - Enlisted) Farm and Ranch Animals Farm Worker Farm Machinery Operator Farmer Fisher Gardener/Groundskeeper Hunter/Trapper Inspector of Agricultural Products Landscape Gardener Lawn Maintenance Worker Logging Tractor Operator Nursery Worker Pest Control Worker Tree Trimmer and Pruner	Animal Breeder Biological/Agricultural Technician Chemical Technician Conservation Officer Crop Sprayers Environmental Technicians Fish & Wildlife Technicians Fish And Game Warden Floral Designer Forestry Technicians Geological Technician Geotechnicians Greenhouse Technician Irrigation Technician Nursery Manager Park Interpreter Soil Conservation Technician Turf Management Water Quality Technician	Agricultural Engineer Animal Scientist Astronomer Biochemist Biologist Botanist Chemist Environmental Scientist Farm Manager Scientist Food Scientist Forester Geneticist Geologist Geophysicist Landscape Architect Medical Scientist Meteorologist Physicist Plant Scientist Soil Conservationist Soil Scientist Toxicologist Zoologist
Recommended Courses		
<p><i>In addition to FHS graduation requirements and/or university entrance requirements, select courses from the list below to satisfy electives on the Four-Year Educational Plan.</i></p>		
Agriculture Science 1 & 2 Advanced Agricultural Science Advanced Architectural Drawing Advanced Design & Construction Advanced Natural Resources (T) Advanced Horticulture (T) Advanced CAD (T) Agriculture Science 1 & 2 Aquaculture (T) Architectural Drawing Biology Biology (AP)	BSCS Science-Biology CAD 1 & 2 (T) Calculus (AP) & Pre-Calculus Career Choices Carpentry/Construction Technology Chemistry Computer Applications (T) Java Programming (AP) Construction Academy Design & Construction 1 & 2 Environmental Science (AP)	Landscaping Leadership Medical Terminology Natural Resources 2 Physics Physics (AP) Plants & People 1 & 2 Principles of Technology 1 & 2 Statistics (AP) Work Experience World Languages
KEY TO COURSE ABBREVIATIONS: T = Tech Prep Articulated Courses, AP = Advanced Placement Courses		
Recommended Activities		
Aquila ChesKwin Club FBLA and/ or FFA German Club	Honor Society Interact and/or Key Club Human Relations Council Job Shadows/Internships/Interviews Knowledge Bowl	Leadership Class Legal Eagles/Teen Court Math Team MECHA Volunteer/Community Service