

## Section 2: Focus Areas

### **Business and Applied Business Focus Area**

#### **Description**

This Focus Area provides the opportunity to explore careers in areas such as marketing, finance, human resources, accounting or computer use in a business or office setting. Students with an interest in this Focus Area may have strong investigative, social and organizational skills. Career options will generally involve the organization of people, money and other assets.

For information about specific occupations related to this Focus Area, including the nature of work, main duties, working conditions and wages, employment prospects, and education and training requirements, go to: [www.workfutures.bc.ca](http://www.workfutures.bc.ca) At this site, use the National Occupation Classification (NOC) feature to view occupations in the category of: Business, Finance and Administrative Occupations. For information about BC post-secondary options related to this Focus Area, go to: [www.openingdoorsbc.com](http://www.openingdoorsbc.com)

#### **Sample interests, skills and competencies related to this focus area**

- Interest in working with numbers
- Interest in planning or conducting meetings
- Interest in interacting with people
- An understanding of business principles and organization
- Ability to effectively use office technology as needed to communicate, organize and plan business activities
- Organizational, interpersonal and leadership skills
- Entrepreneurial skills
- Information management skills
- Presentation skills

**Sample options after Grade 12 graduation**

- Employment: Office Assistant
- Employment: Sales Assistant
- Employment: Clerk
- Certificate program: Office Administration
- Certificate program: Real Estate Sales
- Certificate program: Payroll Accountant
- Diploma program: Business Administration
- Diploma program: Accounting
- Degree program: Commerce
- Degree program: Human Resource Management
- Degree program: Business Administration

**Sample occupations**

- Office Assistant
- Business Office Manager
- Payroll Clerk
- Banker
- Accountant
- Financial Planner
- Entrepreneur
- Salesperson
- Realtor
- Marketing Executive
- Insurance Agent
- Business Owner
- Human Resources Manager
- Stockbroker
- Economist

**Elective courses that best fit this Focus Area**

## Ministry Authorized Courses

- Marketing 11 and 12
- Business Information Management 12
- Entrepreneurship 12
- Business Computer Applications 11
- Data Management 12
- Economics 12
- Management Innovation 12
- Accounting 11 and 12
- Financial Accounting 12
- Applications of Math 11 and 12
- Work Experience 12

## Board/Authority Authorized Courses

- Desktop Publishing
- Business Leadership
- Business Management
- Consumer Education
- Keyboarding
- Office Skills

## Community Learning

- Youth Leadership courses
- Junior Achievement program
- Student Ventures program

**Sample course packages for Business and Applied Business Focus Area****Student #1**

Matthew has experience in his father's small business and wants to pursue this interest further. After Grade 12, he thinks he will probably take some part-time post-secondary courses while working full time in the family business. His Focus Area courses include: Marketing 11 and 12, Accounting 11 and 12, and Business Information Management 12.

**Student #2**

Tom is interested in metal work and welding, but he is also interested in working for himself and some day owning his own business. His courses support these two Focus Areas. They include Accounting 11, Marketing 11, Business Information Management 12, Welding 11, and Metal Fabrication and Machining 11 and 12.

**Student #3**

Amanda likes working with numbers and is interested in possibly becoming a Chartered Accountant. She enrolls in her school's Accounting Career Preparation program to see if this is really something she wants to pursue. Her Focus Area courses include Accounting 11 and 12, Applications of Math 12 and a Work Experience course where she gets the chance to do some entry level accounting work.

**Student #4**

Katy is a very high performing student and is interested in working in a business environment. She plans to attend university directly after Grade 12 and obtain a Bachelor of Commerce degree. Her Focus Area courses include Management Innovation 12, Economics 12, Entrepreneurship 12 and Principles of Math 12.

## Fine Arts, Design, and Media Focus Area

### Description

This Focus Area supports the development of skills and knowledge in a range of specialties including Dance, Drama, Music and Visual Arts. Students can develop both creative and technical skills and may wish to complement these by developing applied business skills. This would expand their career opportunities to include occupations that support performers and other types of artists.

For information about specific occupations related to this Focus Area, including the nature of work, main duties, working conditions and wages, employment prospects, and education and training requirements, go to: [www.workfutures.bc.ca](http://www.workfutures.bc.ca) At this site, use the National Occupation Classification (NOC) feature to view occupations related to: Occupations in Art, Culture, Recreation and Sport. For information about BC post-secondary options related to this Focus Area, go to: [www.openingdoorsbc.com](http://www.openingdoorsbc.com)

### Sample interests, skills and competencies related to Focus Area

- Interest in visual arts, theatre, music or drama
- Interest in entertaining people
- Interest in arts and crafts
- Ability to communicate personal expressions
- Ability to think metaphorically
- Visual, kinesthetic, and auditory literacy
- Ability to use the elements and principles of composition
- Ability to generate ideas
- Critical, creative, and flexible thinking
- Ability to create and identify meaning in representational media
- Performance and presentation skills for appropriate contexts
- Ability to reflect on, and respond to, a broad range of thoughts, images, and feelings in various art forms
- Collaboration within a community or company of artists
- Appreciation of the contribution of the arts to society

**Sample options after Grade 12 graduation**

- Employment: Cartoonist
- Employment: Singer
- Employment: Web Designer
- Employment: Interior Design Assistant
- Certificate program: Advanced Motion Picture Production
- Certificate program: Basic Musicianship
- Certificate program: Professional Photography
- Diploma program: Associate of Arts
- Diploma program: Fashion Design
- Diploma program: Fine Arts
- Degree program: Bachelor of Fine Arts, Dance Major or Film Major
- Degree program: Bachelor of Media Arts
- Degree program: Bachelor of Music

**Sample occupation options**

- Photographer
- Illustrator
- Choreographer
- Art Curator
- Film director
- Cinematographer
- Set Designer
- Fashion Designer
- Interior Designer
- Artist
- Musician

**Elective courses that best fit this Focus Area**

## Ministry Authorized Courses

- Fine Arts 11
- Dance 11 and 12
- Drama 11 and 12 – Film and TV
- Drama 11 and 12 – Theatre
- Music 11 and 12 – Choral Music and Instrumental Music
- Music 11 and 12 – Composition and Technology
- Visual Arts 11 and 12 – Art Foundations and Studio Arts
- Visual Arts 11 and 12 – Media Arts
- Work Experience 12

## Board/Authority Authorized Courses

- Photography
- Yearbook
- TV/Video Production
- Fashion Design
- Graphic Communication
- Film/Video Studies
- Textile Arts and Crafts
- Jazz Band or Choir
- Musical Theatre

## Community Learning

- Community theatre
- Royal Conservatory music programs
- Community dance programs
- Local film courses
- Art gallery summer school

### **Sample course packages for Fine Arts, Design and Media Focus Area**

#### *Student #1*

Raj loves music and has taken lessons since Grade 1. He would like to earn a university degree in music and become a secondary school Music Teacher. His Focus Area courses include the Ministry courses Music 11: Composition and Technology, and Music 12: Composition and Technology. They also include two external courses: Royal Conservatory of Music 11 and Royal Conservatory of Music 12.

#### *Student #2*

Sally has strong skills in the visual arts and also enjoys working on computers. She plans to take courses at the Emily Carr Institute of Art and Design and become a computer game designer. Her Focus Area courses include Art Foundations 11 and 12, plus two local courses taught at her school: Electronic Illustrations 11 and Computer Animation 12.

#### *Student #3*

Elaine has an interest in all forms of dance. She would like to become a dance professional, either in a performing or a teaching capacity. Her Focus Area courses include the Ministry courses Dance Choreography 12 and Dance Performance 12, plus the external courses Royal Academy of Dancing 11B and 12B. She has also included Marketing 11 and Business Information Management 12 in her Focus Area package since she may wish to pursue an administrative role in dance.

#### *Student #4*

Jason is interested in public speaking and film and television production. His future plans include post-secondary courses in journalism and film/video production, followed by a career in broadcast journalism. His Focus Area courses include Drama: Film and Television 11, Drama: Film and Television 12, Journalism 12, plus a local course taught at his school: Video Production 12.



## Fitness and Recreation Focus Area

### Description

Students who choose this Focus Area have the opportunity to pursue learning experiences related to athletics, recreation, personal health and wellness, coaching and team performance. They may have well-developed physical abilities, be interested in helping others enjoy athletic or leisure activities and/or be involved in various levels of sport performance. Some may wish to participate in post-secondary athletics or become a professional athlete and some may already have demanding performance and fitness schedules. These students may find particular benefits in external courses that recognize learning outside regular school hours.

For information about specific occupations related to this Focus Area, including the nature of work, main duties, working conditions and wages, employment prospects, and education and training requirements, go to: [www.workfutures.bc.ca](http://www.workfutures.bc.ca) At this site, use the National Occupation Classification (NOC) feature to view occupations related to: Art, Culture, Recreation and Sport Occupations. For information about BC post-secondary options related to this Focus Area, go to: [www.openingdoorsbc.com](http://www.openingdoorsbc.com)

### Sample interests, skills and competencies related to this Focus Area

- Interest in sports
- Interest in outdoor activities
- Interest in personal fitness and nutrition
- Understanding of nutrition and its impact on performance
- Skills required to coach or instruct others
- Leadership skills, including the ability to motivate people
- Performance/kinesthetic skills in one or more sports areas
- Safety skills, including First Aid and personal safety skills
- Event management skills
- Conflict resolution skills
- Public relations skills
- Good hand-eye coordination

**Sample options after Grade 12 graduation:**

- Personal: continued training in a specific sport or activity
- Employment: Fitness Instructor
- Employment: Recreation Centre Attendant
- Employment: Lifeguard
- Certificate program: Fitness and Exercise Leadership
- Certificate program: Golf Management
- Diploma program: Events Management
- Diploma program: Fitness and Exercise Management
- Degree program: Bachelor of Physical Education
- Degree program: Bachelor of Recreation and Health Education
- Degree program: Bachelor of Kinesiology

**Sample occupations**

- Athlete
- Coach
- Recreation Director
- Entrepreneur: adventure tourism or recreational services
- Trainer and Fitness Consultant
- Facilities Manager
- Community Recreation Coordinator
- Teacher
- Firefighter

**Elective courses that best fit this Focus Area:**

## Ministry Courses

- Dance Performance 11
- Dance Performance 12
- Physical Education 11
- Physical Education 12

## Board/Authority Courses

- Community Recreation
- Fitness
- Outdoor Education
- Recreation Leadership
- Sports and Recreation Studies

## Community Learning

- External course credits for Athlete
- External course credits for Coach or Official
- First Aid courses
- Fitness Leader courses
- Lifesaving courses
- Outward Bound program
- Water Safety Instructor courses
- External credits for community dance courses

### **Sample course packages for Fitness and Recreation Focus Area**

#### *Student #1*

John plans to pursue a fitness related post-secondary program after graduation. His Focus Area courses include Physical Education 11 and 12, Dance Performance 11, and a local course his school offers in Recreation Leadership.

#### *Student #2*

Sam has had a clear goal in mind for some time: to be a sports journalist. He plans to complete a post-secondary diploma program in Journalism and has chosen courses that relate to both the Fitness and Recreation and Liberal Arts/Humanities Focus Areas. These include Physical Education 11 and 12, Writing 12, Journalism 12, and a Work Experience 12 course that allows him to do some sports reporting with a community newspaper.

#### *Student #3*

Pat wants to become a recreation director. She sees herself designing programs and running some kind of community recreation facility. She is registered in her school's Recreation Leadership career preparation program and has a work placement arranged with the local community recreation department. Her Focus Area courses include Physical Education 11, Work Experience 12 and two local courses that her school offers: Community Recreation 11 and Recreation Leadership 12.

#### *Student #4*

Derek is an elite hockey player who's been drafted to play in the junior league, and on the provincial under-17 team. Derek would like to become a professional hockey player but also wants to pursue a university education. His Focus Area courses are Physical Education 11 and 12 plus External Athlete 11 and 12. He is also choosing courses needed for university admission.

## Health and Human Services Focus Area

### Description

In this Focus Area, students get a broad overview of the skills and attitudes relevant to fields such as health care, child and family services, teaching and the legal services sector. Students can develop skills, competencies and knowledge in both traditional and nontraditional social service areas, including understanding human relations and individual differences, and developing communication and personal management skills. The Health and Human Services experience will include working directly with people, investigating health solutions and educating others in healthy living. Students will also learn about the methods of inquiry used in the health and human service field.

For information about specific occupations related to this Focus Area, including the nature of the work, main duties, working conditions and wages, employment prospects, and education and training requirements, go to: [www.workfutures.bc.ca](http://www.workfutures.bc.ca) At this site, use the National Occupation Classification (NOC) feature to view occupations related to: Social Science, Education, Government Service or Health Occupations. For information about BC post-secondary options related to this Focus Area, go to: [www.openingdoorsbc.com](http://www.openingdoorsbc.com)

### Sample interests, skills and competencies related to this Focus Area

- Interest in helping people
- Interest in using applied science or technology
- Interest in working with children
- Understanding human interaction
- Ability to motivate others
- Conflict resolution skills
- Oral questioning skills
- Presentation of logical arguments in written and oral form
- Reading and interpreting written reports and charts
- Presentation and teaching skills
- Awareness of cross-cultural differences
- Reading, writing and speaking a second language

**Sample options after Grade 12 graduation**

- Employment: Group Home Worker
- Employment: Nurse's Aide
- Employment: Youth Group Leader
- Certificate program: Community Support Worker
- Certificate program: Special Education Assistant
- Certificate program: Health Care Management
- Diploma program: Child and Youth Care Counsellor
- Diploma program: Criminal Justice
- Diploma program: Paralegal Assistant
- Diploma program: Practical Nursing
- Degree program: Bachelor of Education
- Degree program: Bachelor of Social Work
- Degree program: Bachelor of Laws

**Sample occupation options**

- Nurse
- Health Care Assistant
- Day Care Worker
- Home Support Worker
- Paramedic
- Doctor
- Occupational Therapist
- Counselor
- Police Officer
- Social Worker
- Teacher

**Elective courses that best fit this Focus Area**

## Ministry Courses

- Family Studies 11
- Family Studies 12
- Human Services 11
- Human Services 12
- Law 12
- Work Experience 12

## Board/Authority Courses

- Psychology
- Community Service
- Child Services
- Peer Tutoring
- Peer Counseling
- Teaching Assistant
- Leadership

## Community Learning

- Hospital volunteer programs
- Youth development programs such as Girl Guides, Scouts, and Cadets
- Red Cross First Aid
- Participation in community service projects
- Leadership training programs

**Sample course packages for Health and Human Services Focus Area****Student #1**

Tom chose the Health and Human Service Focus Area because he wants to become a nurse. He plans to attend a university-college to take a four-year nursing degree program. His Focus Area courses are from two Focus Areas. They are: Human Services 11 and 12, Biology 12 and Chemistry 12.

**Student #2**

Sidney likes working with children and is enrolled in her school's Early Childhood Education career preparation program. She plans to take a one-year Early Childhood Education Certificate program after graduation. Her Focus Area courses include Family Studies 11, Human Services 11 and 12, Psychology 11 and Work Experience 12. She has already completed her work experience course at a local day-care facility.

**Student #3**

Darren plans to take the Primary Care Paramedic program at the Justice Institute. His Focus Area courses include Law 12, Community Services 12, Biology 12 (which he needs for admission to the Paramedic program) and external course credit for Occupational First Aid Levels 2 and 3, and for Lifesaving 11 and 12.

**Student #4**

Pam enjoys helping people and thinks she may want to earn a Bachelor's Degree in Social Work. Her Focus Area courses include Human Services 11 and 12, Psychology 12 and Peer Counselling 12. She is also taking courses in other subject areas to meet university entrance requirements.



## Liberal Arts and Humanities Focus Area

### Description

This Focus Area supports students to develop skills, competencies and knowledge in areas such as history, literature, writing, philosophy, international languages, First Nations studies and geography. Educational experiences include: developing high level communication skills; gaining a perspective on the present through the study of the past; becoming familiar with accomplishments, ideas and concepts from diverse cultures; and acquiring knowledge in the methods of inquiry used in the humanities and social sciences.

For information about specific occupations related to this Focus Area, including the nature of work, main duties, working conditions and wages, employment prospects, and education and training requirements, go to: [www.workfutures.bc.ca](http://www.workfutures.bc.ca) At this site, use the National Occupation Classification (NOC) feature to view occupations related to: Social Science, Education, Government Service. For information about BC post-secondary options related to this Focus Area, go to: [www.openingdoorsbc.com](http://www.openingdoorsbc.com)

### Sample interests, skills and competencies related to this Focus Area

- Interest in writing
- Interest in other cultures
- Interest in second languages
- Research skills to access information from a variety of sources
- Accessing and interpreting material from a wide variety of primary and secondary sources
- Oral questioning skills
- Presentation of logical arguments in written and oral form
- Writing for a specified audience
- Presentation skills
- Awareness of cross-cultural differences
- Analyzing information
- Reading, writing and speaking in a second language
- Applying knowledge of other cultures to current issues

**Sample options after Grade 12 graduation**

- Employment: Library Assistant
- Employment: Museum Attendant
- Employment: Tour Guide
- Certificate program: Aboriginal Studies
- Certificate program: Community Economic Development
- Diploma program: Applied Urban and Rural Planning
- Diploma program: Liberal Arts
- Degree program: Bachelor of Art, International Relations
- Degree program: Bachelor of Arts, French Studies
- Degree program: Bachelor of Arts, Archaeology and History of Greece
- Degree program: Bachelor of Education

**Sample occupation options**

- Anthropologist
- Librarian
- Language Teacher
- Museum Curator
- Urban Planner
- Communications Officer
- Journalist
- Archivist
- Government Public Service

**Elective courses that best fit this Focus Area**

## Ministry Authorized Courses

- French 11 and 12
- Spanish 11 and 12
- Mandarin 11 and 12
- Français Langue 11 and 12
- Punjabi 11 and 12
- German 11 and 12
- Japanese 11 and 12
- First Nations Studies 12
- Geography 12
- History 12
- Comparative Civilizations 12
- English Literature 12
- Technical and Professional Communications 12
- Composition 11
- Writing 12
- Journalism 12
- Work Experience 12

## Board/Authority Authorized Courses

- Aboriginal Language courses
- Religious Studies
- Aboriginal Studies
- Philosophy
- Global Studies
- Creative Writing
- Journalism

## Community Learning

- Post-secondary courses
- Community courses or programs in second language instruction
- Public speaking courses

**Sample course packages for Liberal Arts and Humanities Focus Area****Student #1**

Jessica is in French Immersion and plans to get a Bachelor of Arts in the Humanities. She would eventually like to teach in this area at a university. Her Focus Area courses include Français Langue Seconde Immersion 11 and 12, English Literature 12 and Comparative Civilization 12.

**Student #2**

Frank wants to go to university but isn't sure what he wants to study. He enjoys second language courses so he takes two in Grades 11 and 12. His Focus Area courses include French 11 and 12, and Japanese 11 and 12.

**Student #3**

Arlene has always been interested in writing and she works on the school yearbook. After graduation, she plans to take a two-year diploma program in Applied Communications. She then hopes to work for several years before pursuing a Bachelor of Journalism degree. Her Focus Area courses include Technical and Professional Communications 12, Journalism 12 and two local courses that her school offers: Yearbook Journalism 11 and Yearbook Journalism 12.

**Student #4**

Stephen is a First Nations student who attends a small rural school. He wants to pursue post-secondary education but isn't sure what type of program is right for him. His Focus Area courses include instruction in his native language (delivered through his school with his band's participation) at the Grade 11 and 12 levels. He also chooses BC First Nations Studies 12 and History 12.

## Science and Applied Sciences Focus Area

### Description

This Focus Area can provide a foundation of skills, competencies and knowledge in areas such as Physics, Biology, Chemistry, Geology/Earth Science, Resource Sciences or Science and Technology. Students in this Focus Area learn about the structures, properties and functioning of living and physical things and apply this knowledge to interpret and predict. Students who select this Focus Area should consider complementing Science studies with courses that develop their math skills.

For information about specific occupations related to this Focus Area, including the nature of work, main duties, working conditions and wages, employment prospects, and education and training requirements, go to: [www.workfutures.bc.ca](http://www.workfutures.bc.ca) At this site, use the National Occupation Classification (NOC) feature to view occupations related to: Natural and Applied Science Occupations. For information about BC post-secondary options related to this Focus Area, go to: [www.openingdoorsbc.com](http://www.openingdoorsbc.com)

### Sample interest, skills and competencies related to this Focus Area

- Interest in doing hands-on experiments
- Interest in finding out how things work
- Interest in doing mathematical calculations
- Understanding and application of the scientific method
- Observation and analysis of similarities and differences
- Collecting/measuring qualitative and quantitative data
- Communicating and interpreting data through a variety of methods
- Understanding the inter-relationship of variables in the prediction of outcomes beyond the laboratory setting
- Formulating physical or mental models
- Designing experiments
- Collaborating with other scientists to enhance productivity
- Awareness of safety, hazards and risks of working in a scientific environment

**Sample options after Grade 12 graduation**

- Employment: Pet Groomer
- Employment: Nursery Worker
- Employment: Animal Care Worker
- Certificate program: Renewable Resources
- Certificate program: Forest Resource Technician
- Certificate program: Commercial Floristry
- Diploma program: Animal Health Technology
- Diploma program: Environmental Technician
- Diploma program: Applied Chemistry and Biotechnology
- Degree program: Bachelor of Science, Biochemistry
- Degree program: Bachelor of Science, Physics
- Degree program: Bachelor of Science, Forestry

**Sample occupation options**

- Surveyor
- Microbiologist
- Veterinary Technician
- Lab Technician
- Environmental Engineer
- Physicist
- Chemist
- Pharmacist
- Meteorologist
- Forester
- Geologist
- Chemical Engineer
- Water Quality Technician

**Elective courses that best fit this Focus Area**

## Ministry Authorized Courses

- Agriculture 11 and 12
- Applications of Physics 11 and 12
- Biology 11 and 12
- Chemistry 11 and 12
- Earth Science 11 and Geology 12
- Physics 11 and 12
- Resource Sciences 11 and 12: Forests
- Science and Technology 11
- Principles of Math 12
- Calculus 12
- Work Experience 12

## Board/Authority Authorized Courses

- Engineering
- Fish and Wildlife Management
- Environmental Science
- Applied Forestry

## Community Learning

- Heart and Stroke Foundation's Summer Program
- Summer science programs at post-secondary institutions
- Shad Valley Summer Program

**Sample course packages for Science and Applied Science Focus Area****Student #1**

Sandy chose this Focus Area because he has an interest in plants and wants to pursue a career in agricultural research. His participation in the local 4H program has given him an understanding of agriculture. His Focus Area courses include Biology 11, Biology 12, Chemistry 11 and Chemistry 12.

**Student #2**

Sally has an interest in environmental issues and belongs to her school's recycling club; she also enjoys science courses. She plans to become an Environmental Technician, which requires a two-year diploma program offered at her community college. Her Focus Area courses include Chemistry 11 and Chemistry 12, plus Environmental Studies 11 and 12, which are local courses offered at her school.

**Student #3**

Chad has an interest in science. He takes part in the local Science Fair every year and works with younger students at a summer science camp. He's not sure of his future plans, other than entering a university program that leads to a science degree. His Focus Area courses include Chemistry 11, Chemistry 12, Biology 11, Biology 12 and Work Experience 12. He plans to pursue a work experience placement at a government research facility.

**Student #4**

Kathy has an interest in forestry and would like to become a Forestry Technician. She has gained some knowledge of the industry from family members who work in forestry related jobs. Her Focus Area courses include Forests 11, Forests 12, Forestry Management 12, which is a local course offered at her school, plus Work Experience 12. She hopes to get a work experience placement with a local forestry company.



## Tourism, Hospitality, and Foods Focus Area

### Description

This Focus Area can provide students with a broad introduction to the hospitality industry and support them to develop skills and competencies in areas such as hospitality and food services, events and conference planning, and a variety of tourism services. They may develop skills in areas such as customer service, tourism promotion, or understanding tourism's value to the economy.

For information about specific occupations related to this Focus Area, including the nature of work, main duties, working conditions and wages, employment prospects, and education and training requirements, go to: [www.workfutures.bc.ca](http://www.workfutures.bc.ca) At this site, use the National Occupation Classification (NOC) feature to view occupations related to: Sales and Service Occupations. For information about BC post-secondary options related to this Focus Area, go to: [www.openingdoorsbc.com](http://www.openingdoorsbc.com)

### Sample interests, skills and competencies related to Focus Area

- Interest in travel
- Interest in food preparation
- Interest in helping people
- Effective communication and personal management skills
- Demonstrating a positive attitude towards customers
- Awareness of cultural differences
- Ability to speak a second language
- Skills in food preparation, presentation or serving
- Customer service skills

### Sample options after Grade 12 Graduation

- Employment: Cook
- Employment: Server
- Employment: Front Desk Clerk
- Certificate program: Travel Counselling
- Certificate program: Adventure Tourism
- Diploma program: Hospitality Management

- Diploma program: Tourism Management
- Apprenticeship: Professional Cooks Training
- Degree program: Bachelor of Tourism Management

**Potential occupations**

- Tourism Information Counselor
- Host/Hostess
- Ski Instructor
- Travel Writer/Photographer
- Hotel Manager
- Reservations Sales Agent
- Campground Operator
- Flight Attendant
- Food and Beverage Manager/Server
- Concierge
- Chef
- Tour Guide
- Bartender
- Front Desk Agent
- Hunting/Fishing Guide

**Elective courses that best fit this Focus Area:**

## Ministry Authorized Courses

- Tourism 11 and 12
- Food Studies 11 and 12
- Cafeteria Training 11 and 12
- Cooks Training 11 and 12
- Second Language courses
- Secondary School Apprenticeship
- Work Experience 12

## Board/Authority Authorized Courses

- Culinary Arts
- Hospitality and Foods
- Hospitality and Tourism
- Adventure Tourism

## Community Learning Opportunities

- Foodsafe
- Superhost
- Serving It Right

### **Sample course packages for Tourism, Hospitality, and Foods Focus Area**

#### *Student #1*

Sally chose this Focus Area because she plans to enter the hotel and restaurant management field. Her goal is to attend her local college and take the two-year diploma program in Hotel and Restaurant Management. Her Focus Area courses include Tourism 11 and 12 plus Marketing 11 and Accounting 11 because of her interest in management.

#### *Student #2*

Harry lives in a community with a large tourism industry. He has already spent two summers working at a local resort and hopes that, with formal education and training, he can find ongoing work in the industry and operate a resort some day. His Focus Area courses include Tourism 11, Tourism 12, Entrepreneurship 12 and a local college course in Adventure Tourism.

#### *Student #3*

George loves cooking and plans to become a chef. He already works part time in a restaurant and has found an employer willing to offer him apprenticeship training once he completes some introductory courses. His Focus Area courses include the in-school courses of Cooks Training 11A, Cooks Training 11B and Cooks Training 11C, plus four Secondary School Apprenticeship courses.

#### *Student #4*

Veronica likes to travel and enjoys meeting new people. She thinks she might enjoy working as a travel agent or flight attendant. She chose this Focus Area to explore career options and gain further knowledge about the tourism industry. If the field continues to interest her, she plans to attend a private BC college that provides training for travel agents. Her Focus Area courses include Tourism 11, Tourism 12, Spanish 12 and Work Experience 12.

## Trades and Technology Focus Area

### Description

This Focus Area addresses a spectrum of education and skills in areas such as industrial and commercial trades, and in many computer and telecommunication technologies. It is well suited for students who have spatial intelligence and enjoy working with their hands. The Focus Area provides opportunities to develop knowledge, skills and competencies in such specialty areas as carpentry, mechanics, metal work, welding, electronics, drafting and design, and information technologies.

For information about specific occupations related to this Focus Area, including the nature of work, main duties, working conditions and wages, employment prospects, and education and training requirements, go to: [www.workfutures.bc.ca](http://www.workfutures.bc.ca) At this site, use the National Occupation Classification (NOC) feature to view occupations related to: Trades, Transport and Equipment Operators; Natural and Applied Science Occupations (see the technical jobs section); Occupations Unique to Primary Industry; and Occupations Unique to Processing and Manufacturing. For information about BC post-secondary options related to this Focus Area, go to: [www.openingdoorsbc.com](http://www.openingdoorsbc.com)

### Sample interests, skills and competencies related to this Focus Area:

- Interest in doing hands-on projects
- Interest in figuring out how things work
- Interest in mechanical things
- Applied math skills that are relevant to industry applications
- Technical reading and writing skills
- Ability to locate information and understand updates to processes, codes, and regulations
- Applied science skills (e.g. applied physics)
- Safety skills, including a knowledge of safety rules and hazard identification
- Understanding that use of technologies can affect the environment
- Critical thinking and problem solving while working on a project
- A craftsmanship attitude: the desire to do one's best work
- Good hand-eye coordination

**Sample options after Grade 12 graduation**

- Employment: Automotive Parts Warehouse Worker
- Employment: Drafting Assistant
- Employment: Computer Help Desk Support Person
- Apprenticeship training: in a variety of trades
- Certificate program: Trades Training in a variety of trades
- Certificate program: Diesel Engine Electronics
- Diploma Program: Computer Systems Technician
- Diploma Program: Electronics Technician
- Diploma Program: Mining Technology
- Degree Program: Bachelor, Geographic Information Systems
- Degree Program: Bachelor of Technology in Electronics

**Sample occupations**

- Plumber
- Carpenter or Cabinetmaker
- Pipe Fitter
- Electrician
- Instrumentation Mechanic
- Power Engineer
- Aircraft Maintenance Engineer
- Millwright
- Machinist
- Communications Repair Technician
- Welder
- Transit: Driver or Mechanic
- Heavy Equipment: Operator or Mechanic

**Elective courses that best fit this Focus Area:**

## Ministry Authorized Courses

- Automotive Technology 11 and 12
- Carpentry and Joinery 11 and 12
- Metal Fabrication and Machining 11 and 12
- Electronics 11 and 12
- Drafting and Design 11 and 12
- Welding 11 and 12
- Information Communication Technology 11 and 12
- Secondary School Apprenticeship 11 and 12
- Work Experience 12

## Board/Authority Authorized Courses

- General Mechanics
- Industry specific courses
- Auto Body Repair
- Wood Products Manufacturing

## Community Learning

- Occupational First Aid
- Confined Spaces and WHMIS training
- Lock Out and Personnel Protective Equipment Training
- Computer Certification courses

**Sample course packages for Trades and Technology Focus Area****Student #1**

Tim has always been interested in mechanics and has helped his dad work on a variety of cars. He lives in a part of the province where heavy equipment is used in many industries and hopes to become a Heavy Duty Mechanic. His Focus Area courses include Automotive Technology 11 and 12, plus the specialty courses Automotive Technology 12: Electricity and Electronics and Automotive Technology 12: Engine and Drive Train.

**Student #2**

Erin is not sure what she wants to do after graduation, but she is interested in designing and creating products from an artistic perspective. Her school has both a metal shop and drafting lab. Her Focus Area courses include Drafting and Design 11 and 12, Metal Fabrication and Machining 11, and Metal Fabrication and Machining 12: Art Metal and Jewelry.

**Student #3**

Christine wants to become a Computer Network Technician and hopes to complete a basic Computer Certification program while in secondary school. She plans to continue her studies by enrolling in an Information Technology diploma program at her local college after Grade 12. Her Focus Area courses include Computer Information Systems 11 and 12 plus two external courses offered by her school in Computer Certification.

**Student #4**

Sean is interested in becoming a Power Engineer. He takes advantage of a Career Technical Program that integrates secondary and post-secondary courses. His program in grades 11 and 12 includes two semesters at his secondary school, two semesters at a college and significant work experience. His Focus Area courses consist of Work Experience 12 and technical courses completed at the college, for which he earns dual credit, under an agreement between the college and his school district.