

---

---

# CAREER AND TECHNOLOGY STUDIES

## A. PROGRAM RATIONALE AND PHILOSOPHY

Through Career and Technology Studies (CTS), secondary education in Alberta is responding to the many challenges of modern society, helping young people develop daily living skills and nurturing a flexible, well-qualified work force.

In Canada's information society, characterized by rapid change in the social and economic environment, students must be confident in their ability to respond to change and successfully meet the challenges they face in their own personal and work lives. In particular, they make decisions about what they will do when they finish high school. Many students will enter the work force, others will continue their education. All students face the challenges of growing independence and responsibility, and of entering post-secondary programs and/or the highly competitive workplace.

Secondary schools also face challenges. They must deliver, on a consistent basis, high quality, cost-effective programs that students, parents and the community find credible and relevant.

CTS helps schools and students meet these challenges. Schools can respond more efficiently and effectively to student and community needs and expectations by taking advantage of the opportunities in the CTS curriculum to design courses and access school, community and distance learning resources. Students can develop the confidence they need as they move into adult roles by assuming increased responsibility for their

learning; cultivating their individual talents, interests and abilities; and by defining and acting on their goals.

As an important component of education in Alberta secondary schools, CTS promotes student achievement by setting clear expectations and recognizing student success. Students in CTS develop competencies—the knowledge, skills and attitudes they are expected to demonstrate, that is, what they know and what they are able to do.

Acquired competencies can be applied now and in the future as students make a smooth transition into adult roles in the family, community, workplace and/or further education. To facilitate this transition, clearly stated expectations and standards have been defined in cooperation with teachers, business and industry representatives and post-secondary educators.

CTS offers all students important learning opportunities. Regardless of the particular area of study chosen, *students in CTS will:*

- develop skills that can be applied in their daily lives, now and in the future
- refine career-planning skills
- develop technology-related skills
- enhance employability skills
- apply and reinforce learnings developed in other subject areas.

In CTS, students build skills they can apply in their everyday lives. For example, in the CTS program, particularly at the introductory levels, students have the opportunity to improve their ability to make sound consumer decisions and to appreciate environmental and safety precautions.



A career encompasses more than activities just related to a person's job or occupation; it involves one's personal life in both local and global contexts; e.g., as a family member, a friend, a community volunteer, a citizen of the world.

The integration of careers throughout the CTS program helps students to make effective career decisions and to target their efforts. CTS students will have the opportunity to expand their knowledge about careers, occupations and job opportunities, as well as the education and/or training requirements involved. Also, students come to recognize the need for lifelong learning.

Students in CTS have the opportunity to use and apply technology and systems effectively and efficiently. This involves:

- a decision regarding which processes and procedures best suit the task at hand
- the appropriate selection and skilled use of the tools and/or resources available
- an assessment of and management of the impact the use of the technology may have on themselves, on others and on the environment.



Integrated throughout CTS are employability skills, those basic competencies that help students develop their personal management and social skills. Personal management skills are improved as students take increased responsibility for their learning, design innovative solutions to problems and challenges, and manage resources effectively and efficiently. Social skills improve through learning experiences that require students to work effectively with others, demonstrate teamwork and leadership, and maintain high standards in safety and accountability.

As well as honing employability skills, CTS reinforces and enhances learnings developed in core and other optional courses. The curriculum emphasizes, as appropriate, the effective application of communication and numeracy skills.

In addition to the common outcomes described above, students focusing on a particular area of study will develop career-specific competencies that support entry into the workplace and/or related post-secondary programs. Career-specific competencies can involve understanding and applying appropriate terminology, processes and technologies related to a specific career, occupation or job.

## PROGRAM OUTCOMES

The program outcomes describe the basic competencies integrated throughout the CTS program.

Within an applied context relevant to personal goals, aptitudes and abilities; *the student* in CTS will:

- demonstrate the basic knowledge, skills and attitudes necessary for achievement and fulfillment in personal life
- develop an action plan that relates personal interests, abilities and aptitudes to career opportunities and requirements
- use technology effectively to link and apply appropriate tools, management and processes to produce a desired outcome
- develop basic competencies (employability skills), by:
  - selecting relevant, goal-related activities, ranking them in order of importance, allocating necessary time, and preparing and following schedules (managing learning)
  - linking theory and practice, using resources, tools, technology and processes responsibly and efficiently (managing resources)
  - applying effective and innovative decision-making and problem-solving strategies in the design, production, marketing and consumption of goods and services (problem solving and innovation)
  - demonstrating appropriate written and verbal skills, such as composition, summarization and presentation (communicating effectively)
  - participating as a team member by working cooperatively with others and contributing to the group with ideas, suggestions and effort (working with others)

- maintaining high standards of ethics, diligence, attendance and punctuality, following safe procedures consistently, and recognizing and eliminating potential hazards (demonstrating responsibility).

## PROGRAM ORGANIZATION

### CURRICULUM STRUCTURE

Career and Technology Studies is organized into **strands** and **courses**.

**Strands** in CTS define competencies that help students:

- build daily living skills
- investigate career options
- use technology (managing, processes, tools) effectively and efficiently
- prepare for entry into the workplace and/or related post-secondary programs.

In general, strands relate to selected industry sectors offering positive occupational opportunities for students. Some occupational opportunities require further education after high school, and some allow direct entry into the workplace. Industry sectors encompass goods-producing industries, such as agriculture, manufacturing and construction; and service-producing industries, such as business, health, finance and insurance.

**Courses** are the building blocks for each strand. They define what a student is expected to know and be able to do (exit-level *competencies*). Courses also specify prerequisites. Recommendations for course parameters, such as instructional qualifications, facilities and equipment can be found in the guides to implementation.

The competencies a student must demonstrate to achieve success in a course are defined through *general outcomes*. Senior high school students who can demonstrate the general outcomes defined for a CTS course; i.e., who have the designated competencies, will qualify for 1 credit toward their high school diploma.

*Specific outcomes* provide a more detailed framework for instruction. Within the context of the general outcomes, the specific outcomes further define the knowledge, skills and attitudes the student should acquire.

The following chart shows the 22 strands that comprise the CTS program and the number of 1-credit courses available in each strand.

Strand	No. of Courses
1. Agriculture	33
2. Career Transitions	30
3. Communication Technology	33
4. Community Health	31
5. Construction Technologies	46
6. Cosmetology Studies	58
7. Design Studies	31
8. Electro-Technologies	47
9. Energy and Mines	26
10. Enterprise and Innovation	8
11. Fabrication Studies	44
12. Fashion Studies	29
13. Financial Management	16
14. Foods	37
15. Forestry	21
16. Information Processing	53
17. Legal Studies	13
18. Logistics	12
19. Management and Marketing	23
20. Mechanics	54
21. Tourism Studies	24
22. Wildlife	17

## LEVELS OF ACHIEVEMENT

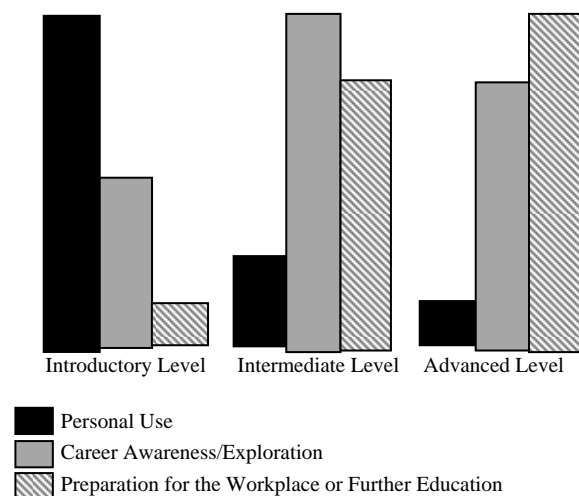
Courses are organized into three levels of achievement: **introductory**, **intermediate** and **advanced**. As students progress through the levels, they will be expected to meet higher standards and demonstrate an increased degree of competence, in both the program outcomes and the general outcomes defined for individual courses.

**Introductory** level courses help students build daily living skills and form the basis for further learning. Introductory courses are for students who have no previous experience in the strand.

**Intermediate** level courses build on the competencies developed at the introductory level. They provide a broader perspective, helping students recognize the wide range of related career opportunities available within the strand.

**Advanced** level courses refine expertise and help prepare students for entry into the workplace or a related post-secondary program.

The graph below illustrates the relative emphasis on the aspects of career planning at each of the levels.



## CURRICULUM AND ASSESSMENT STANDARDS

**Curriculum standards** in CTS define what students must know and be able to do. Curriculum standards are expressed through the program outcomes for CTS, and through general and specific outcomes defined for individual courses within each strand.

**Assessment standards** define how student performance is to be judged. In CTS, each assessment standard defines the conditions and criteria to be used for assessing the competencies associated with each general outcome. To receive credit for a course, students must demonstrate competency at the level specified by the conditions and criteria defined for each general outcome.

Students throughout the province receive a fair and reliable assessment as they use the standards to guide their efforts, thus ensuring they participate more effectively and successfully in the learning and assessment process. Standards at advanced levels are, as much as possible, linked to workplace and post-secondary entry-level requirements.

## TYPES OF COMPETENCIES

Two types of competencies are defined within the CTS program: basic and career-specific.

**Basic** competencies are generic to any career area and are developed within each course. Basic competencies include:

- personal management; e.g., managing learning, being innovative, ethics, managing resources
- social; e.g., communication, teamwork, leadership and service, demonstrating responsibility (safety and accountability).

**Career-specific** competencies relate to a particular strand. These competencies build daily living skills at the introductory levels and support the smooth transition to the workplace and/or post-secondary programs at the intermediate and advanced levels.

The model below shows the relationship of the two types of competencies within the 22 strands of the CTS program.












## BASIC COMPETENCIES REFERENCE GUIDE

The chart below outlines basic competencies that students endeavour to develop and enhance in each of the CTS strands and courses. Students' basic competencies should be assessed through observations involving the student, teacher(s), peers and others as they complete the requirements for each course. In general, there is a progression of task complexity and student initiative as outlined in the Developmental Framework★. **As students progress through Stages 1, 2, 3 and 4 of this reference guide, they build on the competencies gained in earlier stages.** Students leaving high school should set themselves a goal of being able to demonstrate Stage 3 performance.

*Suggested strategies for classroom use include:*

- having students rate themselves and each other
- using in reflective conversation between teacher and student
- highlighting areas of strength
- tracking growth in various CTS strands
- highlighting areas upon which to focus
- maintaining a student portfolio.

Stage 1— <i>The student:</i>	Stage 2— <i>The student:</i>	Stage 3— <i>The student:</i>	Stage 4— <i>The student:</i>
<p><b>Managing Learning</b></p> <ul style="list-style-type: none"> <li><input type="checkbox"/> comes to class prepared for learning</li> <li><input type="checkbox"/> follows basic instructions, as directed</li>   <li><input type="checkbox"/> acquires specialized knowledge, skills and attitudes</li> <li><input type="checkbox"/> identifies criteria for evaluating choices and making decisions</li>   <li><input type="checkbox"/> uses a variety of learning strategies</li> </ul>	<p><input type="checkbox"/> </p> <ul style="list-style-type: none"> <li><input type="checkbox"/> follows instructions, with limited direction</li> <li><input type="checkbox"/> sets goals and establishes steps to achieve them, with direction</li>   <li><input type="checkbox"/> applies specialized knowledge, skills and attitudes in practical situations</li> <li><input type="checkbox"/> identifies and applies a range of effective strategies for solving problems and making decisions</li>   <li><input type="checkbox"/> explores and uses a variety of learning strategies, with limited direction</li> </ul>	<p><input type="checkbox"/> </p> <ul style="list-style-type: none"> <li><input type="checkbox"/> follows detailed instructions on an independent basis</li> <li><input type="checkbox"/> sets clear goals and establishes steps to achieve them</li>   <li><input type="checkbox"/> transfers and applies specialized knowledge, skills and attitudes in a variety of situations</li> <li><input type="checkbox"/> uses a range of critical thinking skills to evaluate situations, solve problems and make decisions</li> <li><input type="checkbox"/> selects and uses effective learning strategies</li> <li><input type="checkbox"/> cooperates with others in the effective use of learning strategies</li> </ul>	<p><input type="checkbox"/> </p> <p><input type="checkbox"/> </p> <ul style="list-style-type: none"> <li><input type="checkbox"/> demonstrates self-direction in learning, goal setting and goal achievement</li> <li><input type="checkbox"/> transfers and applies learning in new situations; demonstrates commitment to lifelong learning</li> <li><input type="checkbox"/> thinks critically and acts logically to evaluate situations, solve problems and make decisions</li>   <li><input type="checkbox"/> </li> <li><input type="checkbox"/> provides leadership in the effective use of learning strategies</li> </ul>
<p><b>Managing Resources</b></p> <ul style="list-style-type: none"> <li><input type="checkbox"/> adheres to established timelines; uses time/schedules/planners effectively</li> <li><input type="checkbox"/> uses information (material and human resources), as directed</li> <li><input type="checkbox"/> uses technology (facilities, equipment, supplies), as directed, to perform a task or provide a service</li> <li><input type="checkbox"/> maintains, stores and/or disposes of equipment and materials, as directed</li> </ul>	<ul style="list-style-type: none"> <li><input type="checkbox"/> creates and adheres to timelines, with limited direction; uses time/schedules/planners effectively</li> <li><input type="checkbox"/> accesses and uses a range of relevant information (material and human resources), with limited direction</li> <li><input type="checkbox"/> uses technology (facilities, equipment, supplies), as appropriate, to perform a task or provide a service, with minimal assistance and supervision</li> <li><input type="checkbox"/> maintains, stores and/or disposes of equipment and materials, with limited assistance</li> </ul>	<ul style="list-style-type: none"> <li><input type="checkbox"/> creates and adheres to detailed timelines on an independent basis; prioritizes task; uses time/schedules/planners effectively</li> <li><input type="checkbox"/> accesses a range of information (material and human resources), and recognizes when additional resources are required</li> <li><input type="checkbox"/> selects and uses appropriate technology (facilities, equipment, supplies) to perform a task or provide a service on an independent basis</li> <li><input type="checkbox"/> maintains, stores and/or disposes of equipment and materials on an independent basis</li> </ul>	<ul style="list-style-type: none"> <li><input type="checkbox"/> creates and adheres to detailed timelines; uses time/schedules/planners effectively; prioritizes tasks on a consistent basis</li> <li><input type="checkbox"/> uses a wide range of information (material and human resources) in order to support and enhance the basic requirement</li> <li><input type="checkbox"/> recognizes the monetary and intrinsic value of managing technology (facilities, equipment, supplies)</li> <li><input type="checkbox"/> demonstrates effective techniques for managing facilities, equipment and supplies</li> </ul>
<p><b>Problem Solving and Innovation</b></p> <ul style="list-style-type: none"> <li><input type="checkbox"/> participates in problem solving as a process</li> <li><input type="checkbox"/> learns a range of problem-solving skills and approaches</li>   <li><input type="checkbox"/> practices problem-solving skills by responding appropriately to a clearly defined problem, specified goals and constraints, by: <ul style="list-style-type: none"> <li>– generating alternatives</li> <li>– evaluating alternatives</li> <li>– selecting appropriate alternative(s)</li> <li>– taking action</li> </ul> </li> </ul>	<ul style="list-style-type: none"> <li><input type="checkbox"/> identifies the problem and selects an appropriate problem-solving approach, responding appropriately to specified goals and constraints</li> <li><input type="checkbox"/> applies problem-solving skills to a directed or a self-directed activity, by: <ul style="list-style-type: none"> <li>– generating alternatives</li> <li>– evaluating alternatives</li> <li>– selecting appropriate alternative(s)</li> <li>– taking action</li> </ul> </li> </ul>	<ul style="list-style-type: none"> <li><input type="checkbox"/> thinks critically and acts logically in the context of problem solving</li>   <li><input type="checkbox"/> transfers problem-solving skills to real-life situations, by generating new possibilities</li> <li><input type="checkbox"/> prepares implementation plans</li> <li><input type="checkbox"/> recognizes risks</li> </ul>	<ul style="list-style-type: none"> <li><input type="checkbox"/> identifies and resolves problems efficiently and effectively</li>   <li><input type="checkbox"/> identifies and suggests new ideas to get the job done creatively, by: <ul style="list-style-type: none"> <li>– combining ideas or information in new ways</li> <li>– making connections among seemingly unrelated ideas</li> <li>– seeking out opportunities in an active manner</li> </ul> </li> </ul>

Stage 1— <i>The student:</i>	Stage 2— <i>The student:</i>	Stage 3— <i>The student:</i>	Stage 4— <i>The student:</i>
<p><b>Communicating Effectively</b></p> <ul style="list-style-type: none"> <li><input type="checkbox"/> uses communication skills; e.g., reading, writing, illustrating, speaking</li> <li><input type="checkbox"/> uses language in appropriate context</li> <li><input type="checkbox"/> listens to understand and learn</li> <li><input type="checkbox"/> demonstrates positive interpersonal skills in selected contexts</li> </ul>	<ul style="list-style-type: none"> <li><input type="checkbox"/> communicates thoughts, feelings and ideas to justify or challenge a position, using written, oral and/or visual means</li> <li><input type="checkbox"/> uses technical language appropriately</li> <li><input type="checkbox"/> listens and responds to understand and learn</li> <li><input type="checkbox"/> demonstrates positive interpersonal skills in many contexts</li> </ul>	<ul style="list-style-type: none"> <li><input type="checkbox"/> prepares and effectively presents accurate, concise, written, visual and/or oral reports providing reasoned arguments</li> <li><input type="checkbox"/> encourages, persuades, convinces or otherwise motivates individuals</li> <li><input type="checkbox"/> listens and responds to understand, learn and teach</li> <li><input type="checkbox"/> demonstrates positive interpersonal skills in most contexts</li> </ul>	<ul style="list-style-type: none"> <li><input type="checkbox"/> negotiates effectively, by working toward an agreement that may involve exchanging specific resources or resolving divergent interests</li> <li><input type="checkbox"/> negotiates and works toward a consensus</li> <li><input type="checkbox"/> listens and responds to understand, learn, teach and evaluate</li> <li><input type="checkbox"/> promotes positive interpersonal skills among others</li> </ul>
<p><b>Working with Others</b></p> <ul style="list-style-type: none"> <li><input type="checkbox"/> fulfills responsibility in a group project</li> <li><input type="checkbox"/> works collaboratively in structured situations with peer members</li> <li><input type="checkbox"/> acknowledges the opinions and contributions of others in the group</li> </ul>	<ul style="list-style-type: none"> <li><input type="checkbox"/> </li> <li><input type="checkbox"/> cooperates to achieve group results</li> <li><input type="checkbox"/> maintains a balance between speaking, listening and responding in group discussions</li> <li><input type="checkbox"/> respects the feelings and views of others</li> </ul>	<ul style="list-style-type: none"> <li><input type="checkbox"/> seeks a team approach, as appropriate, based on group needs and benefits; e.g., idea potential, variety of strengths, sharing of workload</li> <li><input type="checkbox"/> works in a team or group: <ul style="list-style-type: none"> <li>– encourages and supports team members</li> <li>– helps others in a positive manner</li> <li>– provides leadership/followership as required</li> <li>– negotiates and works toward consensus as required</li> </ul> </li> </ul>	<ul style="list-style-type: none"> <li><input type="checkbox"/> leads, where appropriate, mobilizing the group for high performance</li> <li><input type="checkbox"/> understands and works within the context of the group</li> <li><input type="checkbox"/> prepares, validates and implements plans that reveal new possibilities</li> </ul>
<p><b>Demonstrating Responsibility</b></p> <p><b>Attendance</b></p> <ul style="list-style-type: none"> <li><input type="checkbox"/> demonstrates responsibility in attendance, punctuality and task completion</li> </ul> <p><b>Safety</b></p> <ul style="list-style-type: none"> <li><input type="checkbox"/> follows personal and environmental health and safety procedures</li> <li><input type="checkbox"/> identifies immediate hazards and their impact on self, others and the environment</li> <li><input type="checkbox"/> follows appropriate/emergency response procedures</li> </ul> <p><b>Ethics</b></p> <ul style="list-style-type: none"> <li><input type="checkbox"/> makes personal judgements about whether or not certain behaviours/actions are right or wrong</li> </ul>	<ul style="list-style-type: none"> <li><input type="checkbox"/> </li> <li><input type="checkbox"/> recognizes and follows personal and environmental health and safety procedures</li> <li><input type="checkbox"/> identifies immediate and potential hazards and their impact on self, others and the environment</li> <li><input type="checkbox"/> </li> <li><input type="checkbox"/> assesses how personal judgements affect other peer members and/or family; e.g., home and school</li> </ul>	<ul style="list-style-type: none"> <li><input type="checkbox"/> </li> <li><input type="checkbox"/> establishes and follows personal and environmental health and safety procedures</li> <li><input type="checkbox"/> </li> <li><input type="checkbox"/> </li> <li><input type="checkbox"/> assesses the implications of personal/group actions within the broader community; e.g., workplace</li> </ul>	<ul style="list-style-type: none"> <li><input type="checkbox"/> </li> <li><input type="checkbox"/> transfers and applies personal and environmental health and safety procedures to a variety of environments and situations</li> <li><input type="checkbox"/> </li> <li><input type="checkbox"/> </li> <li><input type="checkbox"/> demonstrates accountability for actions taken to address immediate and potential hazards</li> <li><input type="checkbox"/> analyzes the implications of personal/group actions within the global context</li> <li><input type="checkbox"/> states and defends a personal code of ethics as required</li> </ul>
<p><b>★Developmental Framework</b></p> <ul style="list-style-type: none"> <li>• <i>Simple task</i></li> <li>• <i>Structured environment</i></li> <li>• <i>Directed learning</i></li> </ul>	<ul style="list-style-type: none"> <li>• <i>Task with limited variables</i></li> <li>• <i>Less structured environment</i></li> <li>• <i>Limited direction</i></li> </ul>	<ul style="list-style-type: none"> <li>• <i>Task with multiple variables</i></li> <li>• <i>Flexible environment</i></li> <li>• <i>Self-directed learning, seeking assistance as required</i></li> </ul>	<ul style="list-style-type: none"> <li>• <i>Complex task</i></li> <li>• <i>Open environment</i></li> <li>• <i>Self-directed/self-motivated</i></li> </ul>



---

---

# FINANCIAL MANAGEMENT

## B. STRAND RATIONALE AND PHILOSOPHY

In our rapidly changing, complex world, the ability to manage our financial affairs is a basic requirement. Financial management is required in all aspects of society and is an essential life skill.

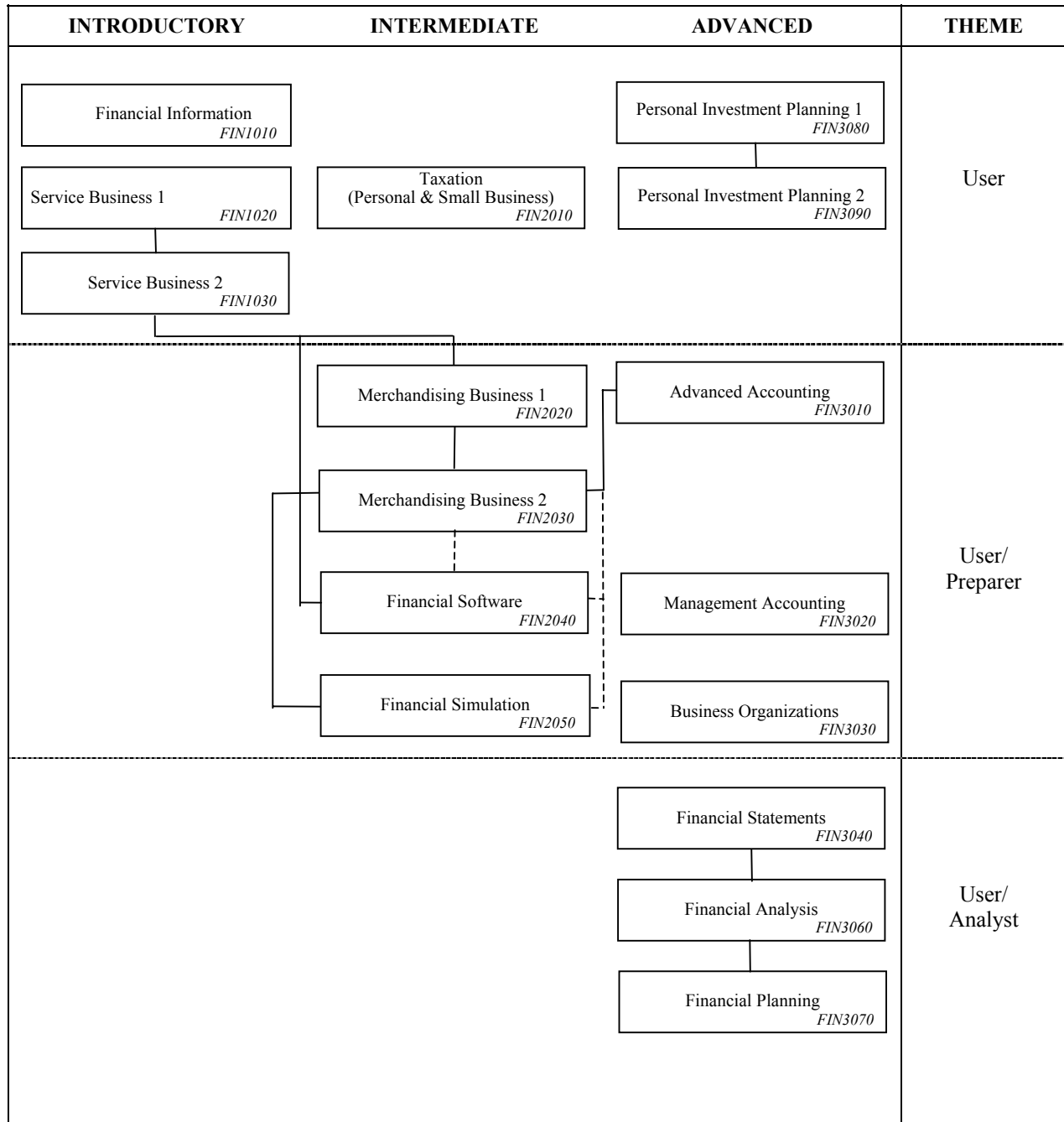
The Financial Management strand of Career and Technology Studies will provide an opportunity for students to learn about the development and use of financial information and to apply this information within the context of business and personal life. The field of financial management offers many occupational opportunities.

Within the philosophy of Career and Technology Studies, *students* in Financial Management *will*:

- develop an appreciation for ethics in personal and business financial management and investment
- develop an awareness of the impact of the economy on self, society and the workplace
- develop basic knowledge, skills and attitudes that have specific applications to financial management and broad career applications to the world of work
- develop an awareness of realistic career choices related to personal interests, abilities and aptitudes; and recognize the need for lifelong learning
- develop decision-making, problem-solving and communicative skills that demonstrate initiative, creativity and flexibility within a rapidly changing financial environment
- use information and technology effectively and efficiently
- link the knowledge, skills and attitudes developed in Financial Management to other curricular areas
- demonstrate the ability to work cooperatively with others
- use community and business partnerships to relate and apply theory to realistic situations
- demonstrate mastery of basic competencies.



## SCOPE AND SEQUENCE



—— Prerequisite

----- Recommended sequence



## GENERAL OUTCOMES: INTRODUCTORY LEVEL

### COURSE FIN1010: FINANCIAL INFORMATION

**Level:** Introductory

**Theme:** User

**Prerequisite:** None

**Description:** Students explore such concepts as ethics, the economic environment, acquiring and using financial resources, and the effects of government legislation on the finances of an individual and a small business.

**General Outcomes:** *The student will:*

- explain the importance of ethical conduct
- identify and explain personal and small business financial management
- demonstrate basic competencies.

### COURSE FIN1020: SERVICE BUSINESS 1

**Level:** Introductory

**Theme:** User

**Prerequisite:** None

**Description:** Students are introduced to the accounting cycle. They establish a set of books and record business transactions. Students are also introduced to terminology unique to financial accounting.

**General Outcomes:** *The student will:*

- identify and apply the steps in the accounting cycle, up to the trial balance, for a service business
- demonstrate basic competencies.

**COURSE FIN1030: SERVICE BUSINESS 2**

**Level:** Introductory

**Theme:** User

**Prerequisite:** FIN1020 Service Business 1

**Description:** Students complete the accounting cycle begun in FIN1020 Service Business 1, and prepare financial statements and a budget. Students also develop an awareness of the many career challenges and opportunities to be found in the financial management field.

**General Outcomes:** *The student will:*

- identify and apply the steps in the accounting cycle, from the worksheet to the post-closing trial balance, for a service business
- recognize the need for preparing budgets
- examine careers in the financial management field
- demonstrate basic competencies.

## GENERAL OUTCOMES: INTERMEDIATE LEVEL

### **COURSE FIN2010: TAXATION (PERSONAL & SMALL BUSINESS)**

**Level:** Intermediate

**Theme:** User

**Prerequisite:** None

**Description:** Students examine the Canadian income tax system through the preparation of a variety of personal and small business income tax returns.

**General Outcomes:** *The student will:*

- define the Canadian concept of taxation
- apply the concept, by preparing income tax returns
- demonstrate basic competencies.

### **COURSE FIN2020: MERCHANDISING BUSINESS 1**

**Level:** Intermediate

**Theme:** User/Preparer

**Prerequisite:** FIN1030 Service Business 2

**Description:** Students apply specialized financial accounting procedures associated with the buying and selling of goods in a retail system.

**General Outcomes:** *The student will:*

- adapt and use accounting procedures associated with the buying and selling of merchandise
- demonstrate basic competencies.

**COURSE FIN2030: MERCHANDISING BUSINESS 2**

**Level:** Intermediate

**Theme:** User/Preparer

**Prerequisite:** FIN2020 Merchandising Business 1

**Description:** Students complete the accounting cycle established in FIN2020 Merchandising Business 1, prepare financial statements, and establish and operate a payroll system.

**General Outcomes:** *The student will:*

- finalize the steps in the accounting cycle, from the worksheet to the post-closing trial balance, using information from FIN2020 Merchandising Business 1
- prepare a payroll
- demonstrate basic competencies.

**COURSE FIN2040: FINANCIAL SOFTWARE**

**Level:** Intermediate

**Theme:** User/Preparer

**Prerequisite:** FIN1030 Service Business 2

**Description:** Students learn how to use an accounting software package that is used in business.

**General Outcomes:** *The student will:*

- demonstrate efficient use of designated small business accounting software
- demonstrate appropriate workstation management procedures
- demonstrate basic competencies.

**COURSE FIN2050: FINANCIAL SIMULATION**

**Level:** Intermediate

**Theme:** User/Preparer

**Prerequisite:** FIN2030 Merchandising Business 2

**Description:** Students apply accounting principles to realistic business situations, using manual and/or computer simulations based on the records of a proprietorship and/or a partnership.

**General Outcomes:** *The student will:*

- apply accounting principles to realistic business situations
- demonstrate basic competencies.



## GENERAL OUTCOMES: ADVANCED LEVEL

### COURSE FIN3010: ADVANCED ACCOUNTING

**Level:** Advanced

**Theme:** User/Preparer

**Prerequisite:** FIN2030 Merchandising Business 2

**Description:** Students apply advanced accounting procedures—including capital assets and uncollectible accounts—used by a variety of businesses. Students also prepare adjustments, using the accrual method of accounting, and examine manufacturing or departmental accounting.

**General Outcomes:** *The student will:*

- define terms relevant to capital assets, uncollectible accounts, accruals, and manufacturing or departmental accounting
- apply advanced accounting procedures that relate the above terms to realistic business situations
- demonstrate basic competencies.

### COURSE FIN3020: MANAGEMENT ACCOUNTING

**Level:** Advanced

**Theme:** User/Preparer

**Prerequisite:** None

**Description:** Students explain management accounting, which involves optimizing capital assets for maximum return on investments. Students also examine various internal systems used to safeguard business assets.

**General Outcomes:** *The student will:*

- assess return on investments, by analyzing price/cost and break even point
- examine internal controls used to safeguard organizational assets
- demonstrate basic competencies.

**COURSE FIN3030: BUSINESS ORGANIZATIONS**

**Level:** Advanced

**Theme:** User/Preparer

**Prerequisite:** None

**Description:** Students examine the accounting procedures related to proprietorships, partnerships, corporations and other entities. Students determine the effect the different forms of business ownership have on the equity section of the balance sheet.

**General Outcomes:** *The student will:*

- describe the organizational differences among various forms of business organization
- compare the owner's equity of different forms of business organization
- demonstrate basic competencies.

**COURSE FIN3040: FINANCIAL STATEMENTS**

**Level:** Advanced

**Theme:** User/Analyst

**Prerequisite:** None

**Description:** Students examine the content and structure of financial statements, and prepare customized financial statements for a variety of businesses.

**General Outcomes:** *The student will:*

- explain how a balance sheet reflects the financial position of a business on a specific date, and explain how the income statement reflects the financial operations of a business for a specific period of time
- adapt the financial statements to various types of businesses
- demonstrate basic competencies.

**COURSE FIN3060: FINANCIAL ANALYSIS**

**Level:** Advanced

**Theme:** User/Analyst

**Prerequisite:** FIN3040 Financial Statements

**Description:** Students use formulas and ratios to evaluate the financial status of business organizations, interpret data, report results and recommend change based on the analysis.

**General Outcomes:** *The student will:*

- use appropriate data for reporting and decision making
- interpret data that has been obtained, in order to recommend action
- demonstrate basic competencies.

**COURSE FIN3070: FINANCIAL PLANNING**

**Level:** Advanced

**Theme:** User/Analyst

**Prerequisite:** FIN3060 Financial Analysis

**Description:** Students explain the value of financial planning for a business. They explore the impact of economic trends, changing world markets and tax implications, all of which must be considered when preparing financial forecasts. The concept of market research is also discussed.

**General Outcomes:** *The student will:*

- explain the value of financial planning
- design a forecast that incorporates internal and external factors
- demonstrate basic competencies.

**COURSE FIN3080: PERSONAL INVESTMENT PLANNING 1**

**Level:** Advanced

**Theme:** User

**Prerequisite:** None

**Description:** Students are introduced to the capital market and the available securities to choose from when building a personal investment portfolio. Students research and analyze a variety of securities, including equities, fixed income and mutual funds.

**General Outcomes:** *The student will:*

- demonstrate knowledge of investment terminology and concepts
- assess and compare three corporations competing within the same sector
- analyze, pick and track stocks and/or bonds to meet a specific goal and financial objective
- research and compare a variety of mutual funds
- demonstrate basic competencies.

**COURSE FIN3090: PERSONAL INVESTMENT PLANNING 2**

**Level:** Advanced

**Theme:** User

**Prerequisite:** FIN3080 Personal Investment Planning 1

**Description:** Students expand their knowledge of investing by analyzing the financial statements of a variety of companies, interviewing and critiquing an investment advisor, and creating investment portfolios using the steps of intelligent investing for short-term and long-term goals.

**General Outcomes:** *The student will:*

- calculate ratios and evaluate and compare the financial statements of two companies
- critique an investment advisor
- research and build an RSP investment portfolio using the steps of intelligent investing and taking into consideration:
  - age and lifestyle of investor
  - specific goals and financial objectives of investor
  - risk tolerance of investor
- research and build an investment portfolio for a short-term goal using the steps of intelligent investing and taking into consideration:
  - age and lifestyle of investor
  - specific goals and financial objectives of investor
  - risk tolerance of investor
- demonstrate basic competencies.

