

**BUSINESS AND TECHNOLOGY
GRADE 11
COURSE DESCRIPTIONS**

BUSINESS

**Financial Accounting Fundamentals –
Grade 11, University/College Preparation**

BAF3M

This course introduces students to the fundamental principles and procedures of accounting. Students will develop financial analysis and decision-making skills that will assist them in future studies and/or career opportunities in business. Students will acquire an understanding of accounting for a service and a merchandising business, computerized accounting, financial analysis, and ethics and current issues in accounting. **Prerequisite: None**

**Marketing: Goods, Services, Events –
Grade 11, College Preparation**

BMI3C

Students will examine how trends, issues, global economic changes, and information technology influence consumer buying habits. Students will engage in marketing research, develop marketing strategies, and produce a marketing plan for a product of their choice. **Prerequisite: None**

**Information and Communication Technology: The Digital Environment
Grade 11, Open**

BTA3O

This course prepares students for the digital environment. Using a hands-on approach, students will further develop information and communication technology skills through the use of common business software applications. The concept and operation of e-business will be explored, and students will design and create an e-business website. The skills developed in this course will prepare students for success in the workplace and/or postsecondary studies. **Prerequisite: None**

TECHNOLOGY

**Communications Technology –
Grade 11, University/College Preparation**

TGJ3M

This course examines communications systems and design and production processes in the areas of electronic, live, recorded, and graphic communications. Students will develop knowledge and skills relating to the assembly, operation, maintenance, and repair of the basic and more complex components of a range of communications systems. Students will also study industry standards and regulations and health and safety issues, and will explore careers, the importance of lifelong learning, and the impact of communications technology on society and the environment.

Prerequisite: None

Course Note: This course produces the 'Eye of the Storm' television show.

Construction Technology - Grade 11, Workplace Preparation TCJ3E

This course focuses on residential and light construction systems related to commercial, industrial, and/or recreational construction; the development of generic employment skills; and preparation for apprenticeship and training programs. Students will learn about and gain practical experience with various types of materials, processes, labour, tools, and equipment used in the construction industry; technical drawings; and auxiliary systems. They will also study industry standards and building codes; consider health and safety issues; and explore careers, the importance of lifelong learning, and the impact of construction technology on society and the environment.

Prerequisite: None

Hospitality and Tourism - Grade 11, Workplace Preparation TFH3E

This course focuses on food preparation and management, and hospitality and tourism activities, equipment, and facilities. Students will learn how to prepare, present, and serve food; plan, manage, and promote activities; and use the necessary equipment. Throughout the course, they will learn the fundamentals of providing high-quality service and customer satisfaction. Students will also study the occupational health and safety standards and laws regulating the hospitality and tourism industry, explore the industry's social and environmental impacts, and identify possible career paths.

Prerequisite: None

Custom Woodworking - Grade 11, Workplace Preparation TWJ3E

This course enables students to develop knowledge and skills related to cabinet making and furniture making. Students will gain practical experience using a variety of the materials, tools, equipment, and joinery techniques associated with custom woodworking. Students will learn to create and interpret technical drawings and will plan, design, and fabricate projects. They will also develop an awareness of environmental and societal issues related to the woodworking industry, and explore apprenticeships, postsecondary training, and career opportunities in the field that may be pursued directly after graduation.

Prerequisite: None

Hairstyling and Aesthetics - Grade 11, Workplace Preparation TXJ3E

This course enables students to develop knowledge and skills in cosmetology and offers a variety of applications that will equip students to provide services for a diverse clientele. Students will identify trends in the hairstyling and aesthetics industry, learn about related health and safety laws, and expand their communication and interpersonal skills through interactions with peers and clients. Students will also consider environmental and societal issues related to the industry, and will acquire a more detailed knowledge of apprenticeships and direct-entry work positions.

Prerequisite: None

Technological Design - Grade 11, University/College Preparation TDJ3M

This course provides students with opportunities to apply the principles of technological design to challenges in communications, manufacturing, electronics, transportation, architecture, industrial and consumer products, health and safety equipment, and

environmental services. Students will identify user needs, estimate labour and material costs, analyse material characteristics, and illustrate design solutions, using traditional and computer-based methods. They will also acquire the basic design skills required for postsecondary studies in engineering, manufacturing, architecture, and construction.

Prerequisite: None

Introduction to Computer Science - Grade 11

ICS3UE

This course introduces students to computer science. Students will design software independently and as part of a team, using industry-standard programming tools and applying the software development life-cycle model. They will also write and use subprograms within computer programs. Students will develop creative solutions for various types of problems as their understanding of the computing environment grows. They will also explore environmental and ergonomics issues, emerging research in computer science, and global career trends in computer-related fields.

Prerequisite: None