

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**

TECHNOLOGY

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

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

Hospitality and Tourism - Grade 11, Workplace Preparation TFJ3E

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

Transportation Technology – Grade 11, College Preparation TTJ3C

This course enables students to develop technical knowledge and skills as they study, test, service, and repair engine, electrical, suspension, brake, and steering systems on vehicles, aircraft, and/or watercraft. Students will develop communication and teamwork skills through practical tasks, using a variety of tools and equipment. Students will develop an awareness of environmental and societal issues related to transportation, and will learn about apprenticeship and college programs leading to careers in the transportation industry.

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

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