

Dramatic Arts

Grade 11 • ADA3M1 • University/College

This course requires students to create and to perform dramatic presentations. Students will analyse, interpret, and perform works of drama from various cultures, including Western plays from around 1900. Students will also do research on different acting styles and conventions for their presentations, create original works, and analyse the functions of playwright, director, actor, producer, designer, technician, and audience. **Prerequisites - ADA201**

Guitar Music

Grade 11 • AMG301 • Open

This course develops students' artistic knowledge and skills through the performance of music and the preparation of music productions. Students will perform appropriate works, particularly works in contemporary popular styles. Independently and in groups, they will also plan, market, and produce music productions, making use of appropriate technology, and will evaluate the results. The focus of this course will be on the guitar. **Prerequisites - AMG201**

Music

Grade 11 • AMU301 • Open

This course emphasizes the appreciation, analysis, and performance of various kinds of music, including baroque and classical music, popular music, and Canadian and non-Western music. Students will perform technical exercises and appropriate repertoire, complete detailed creative activities, and analyse and evaluate live and recorded performances. They will continue to increase their understanding of the elements of music while developing their technical and imaginative abilities. **Prerequisites - AMU101 or AMU201**

Music: Vocal/Choral

Grade 11 • AMV301 • Open

This course develops students' artistic knowledge and skills through the performance of music and the preparation of music productions. Students will perform appropriate works, particularly works in contemporary popular styles. Independently and in groups, they will also plan, market, and produce music productions, making use of appropriate technology, and will evaluate the results. The focus of this course is to train singers. **Prerequisites – AMV20**

Media Arts

Grade 11 • ASM3M1 • University/College

This course emphasizes the development of the knowledge and skills required for the production of media art works (e.g., robosculpture, photocopy art, computer animation with synthesized sound). Students will develop an appreciation of the history of media arts through analysing specific works, and will create media art works using a variety of technologies (e.g., digital camera, photo-imaging software, computer-modelling software, synthesizer, videotape, multi-track sound recording).

Visual Arts-Comprehensive

Grade 11 • AVI3M1 • University/College

This course provides students with opportunities to further develop their skills and knowledge in visual arts. Students will explore a range of subject matter through studio activities, and will consolidate their practical skills. Students will also analyse art works and study aspects of Western art history, as well as art forms from Canada and other parts of the world.

Prerequisites - AVI1O1 or AVI2O1

Visual Arts - Photography

Grade 11 • AWQ3M1 • University/College

This course focuses on studio activities in one or more of the visual arts. Students will create art works that explore a wide range of subject matter, and will evaluate art works, providing grounds for their aesthetic judgements. They will also examine historical and cultural contexts of Western art (including Canadian art) and art from various world cultures to support their study of specific media. The focus will be on Photography using a 35 mm camera. Prerequisite: Visual Arts, 9 or 10 Open **Prerequisites - AVI1O1 or AVI2O1**

Visual Arts: Information/Consumer

Grade 11 • AWE3M1 • Open

This course enables students to further develop their knowledge and skills in visual arts. Students will use the creative process to explore a wide range of themes through studio work that may include drawing, painting, sculpting, and printmaking, as well as the creation of collage, multimedia works, and works using emergent technologies. Students will use the critical analysis process when evaluating their own work and the work of others. The course may be delivered as a comprehensive program or through a program focused on a particular art-form. Focus of study will be on print media, yearbook production and the development of a portfolio, while using software such as In Design, Illustrator, and Photoshop.

Financial Accounting Fundamentals

Grade 11 • BAF3M1 • University/College

This course introduces students to the fundamental principles and procedures of accounting, with emphasis on accounting procedures used in service and merchandising businesses. Students will develop an understanding of the connections between financial analysis, control, and decision making in the management of a business, as well as the effects of technology and globalization on accounting procedures and the role of the accountant.

Marketing: Goods, Services, Events

Grade 11 • BMI3C1 • College

This course introduces the fundamental concepts of product marketing, which includes the marketing of goods, services, and events. 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.

Economics

Grade 11 • CIE3M1 • University/College

This course explores economic concepts relating to the Canadian economic system that will help students make informed decisions about how to use resources to satisfy wants and needs. Students will use economic concepts and models, as well as methods of economic inquiry, to analyze the choices they will make during their lives as consumers, contributors, and citizens in a mixed economy. Note: this course counts as a group 1 additional compulsory credit.

American History

Grade 11 • CHA3U1 • University

This course traces the social, economic, and political development of the United States from colonial times to the present. Students will explore the historical context of key developments that shaped the United States, its identity and culture, and its role in the global community. They will extend their ability to apply the concepts of historical thinking and the historical inquiry process, including the interpretation and analysis of evidence, when investigating forces in American history. **Prerequisites - CHC2D1 or CHC2DF or CHC2P1**

World History to the 16th Century

Grade 11 • CHW3M1 • University/College

This course explores the history of various societies around the world, from earliest times to around 1500 CE. Students will examine life in and the legacy of various ancient and pre-modern societies throughout the world, including those in, Africa, Asia, Europe, and the Americas. Students will extend their ability to apply the concepts of historical thinking and the historical inquiry process, including the interpretation and analysis of evidence, when investigating social, political, and economic structures and historical forces at work in various societies and in different historical eras. **Prerequisites - CHC2D1 or CHC2DF or CHC2P1**

Understanding Canadian Law

Grade 11 • CLU3M1 • University/College

This course explores Canadian law, with a focus on legal issues that are relevant to the lives of people in Canada. Students will gain an understanding of rights and freedoms in Canada, our legal system, and family, contract, employment, tort, and criminal law. Students will use case studies and apply the concepts of legal thinking and the legal inquiry process to develop legal reasoning skills and to formulate and communicate informed interpretations of legal issues, and they will develop the ability to advocate for new laws.

Prerequisites - CHC2D1 or CHC2DF or CHC2P1

Introduction to Computer Studies

Grade 11 • ICS3C1 • College

This course introduces students to computer programming concepts and practices. Students will write and test computer programs using various problem solving strategies. They will learn the fundamentals of program design and apply a software development life-cycle model to a software development project. Students will also learn about computer environments and systems and explore safe computing practices, emerging technologies and post secondary opportunities in computer-related fields. No prerequisite.

Introduction to Computer Science

Grade 11 • ICS3U1 • University

This course introduces students to computer science. Students will design software independently and as part of a team. They will also write and use subprograms within computer programs. Students will develop creative solutions for various types of problems.

Prerequisites - None.

English

Grade 11 • ENG3C1 • College

This course emphasizes the development of literacy, communication, and critical and creative thinking skills necessary for success in academic and daily life. Students will study the content, form, and style of a variety of informational and graphic texts, as well as literary texts from Canada and other countries, and create oral, written, and media texts in a variety of forms for practical and academic purposes. An important focus will be on using language with precision and clarity. The course is intended to prepare students for the compulsory Grade 12 college preparation course. Students considering moving from one destination to another (e.g., college to university; workplace to college) must successfully complete a transfer course. Students who have successfully completed ENG2D may also select this course.

Prerequisites - ENG2D1 or ENG2P1

English

Grade 11 • ENG3E1 • Workplace

This course emphasizes the development of literacy, communication, and critical and creative thinking skills necessary for success in the workplace and in daily life. Students will study the content, form, and style of a variety of contemporary informational, graphic, and literary texts; and create oral, written, and media texts in a variety of forms for practical purposes. An important focus will be on using language clearly and accurately in a variety of formal and informal contexts. The course is intended to prepare students for the compulsory Grade 12 workplace preparation course. Students considering moving from one destination to another (e.g., college to university; workplace to college) must successfully complete a transfer course. Students who have successfully completed ENG2L may also select this course.

Prerequisites - ENG2P or ENG2L or ESLDO

English

Grade 11 • ENG3U1 • University

This course emphasizes the development of literacy, communication, and critical and creative thinking skills necessary for success in academic and daily life. Students will analyse challenging literary texts from various periods, countries, and cultures, as well as a range of informational and graphic texts, and create oral, written, and media texts in a variety of forms. An important focus will be on using language with precision and clarity and incorporating stylistic devices appropriately and effectively. The course is intended to prepare students for the compulsory Grade 12 university or college preparation course. Students considering moving from one destination to another (e.g., college to university; workplace to college) must successfully complete a transfer course. **Prerequisites - ENG2D1**

English for School and Work

Grade 9 • ESLCO1 • Open

This course extends students' skills in listening, speaking, reading, and writing in English for a variety of everyday and academic purposes. Students will make short classroom presentations; read a variety of adapted and original texts in English; and write using a variety of forms of text. Students will also expand their academic vocabulary and their study skills to facilitate the transition to the mainstream school program. This course also introduces students to the rights and responsibilities inherent in Canadian citizenship, and to a variety of current Canadian issues.

English: Contemporary Aboriginal

Grade 11 • NBE3U1 • University

This course focuses on themes, forms, and stylistic elements of a range of literary, informational, and graphic texts of First Nation, Métis, and Inuit authors in Canada. They will analyze changes in use of text forms by Aboriginal authors over time periods and within cultures when expressing themes of identity, relationships, and sovereignty in the 21st century. Students will create oral, written, and media texts to explore their own ideas and understanding focusing on the development of literacy, communication, critical and creative thinking skills necessary for success in academic and daily life. The course is intended to prepare students for the compulsory Grade 12 university preparation course. Prerequisite: English, Grade 10, Academic or Applied. **Prerequisites - ENG2D1**

Extended French

Grade 11 • FEF3U1 • University

This course provides opportunities for students to communicate about concrete and abstract topics in various situations. Students will consolidate language-learning strategies and apply them in a variety of real-life contexts in order to enhance and refine their communication skills, and will continue to develop creative and critical thinking skills. Students will develop their knowledge of the language through the study of contemporary and well-known French European authors. They will also continue to deepen their understanding and appreciation of diverse French-speaking communities, and develop the skills necessary to become life-long language learners. **Prerequisites - FEF2D1**

Core French

Grade 11 • FSF3U1 • University

This course offers students extended opportunities to speak and interact in real-life situations in French with greater independence. Students will develop their creative and critical thinking skills through responding to and exploring a variety of oral and written texts. They will continue to broaden their understanding and appreciation of diverse French-speaking communities and to develop the skills necessary for life-long language learning. **Prerequisites - FSF2D1**

Advanced Learning Strategies

Grade 11 • GLE3O1 • Open

This course improves students' learning and personal management skills, preparing them to make successful transitions to work, training, and/or postsecondary education destinations. Students will assess their learning abilities and use literacy, numeracy, and research skills and personal management techniques to maximize their learning. Students will investigate trends and resources to support their postsecondary employment, training, and/or education choices and develop a plan to help them meet their learning and career goals.

Foundations for College Math

Grade 11 • MBF3C1 • College

This course enables students to broaden their understanding of exponential growth and of important areas of personal finance. Students will investigate properties of exponential functions and develop skills in manipulating exponential expressions; solve problems and investigate financial applications involving compound interest and annuities; and apply mathematics in making informed decisions about transportation, accommodation, and career choices. **Prerequisites - MFM2P1 or MPM2D1**

Functions & Applications

Grade 11 • MCF3M1 • University/College

This course introduces some financial applications of mathematics and extends students' experiences with functions. Students will solve problems in personal finance involving applications of sequences and series; investigate properties and applications of trigonometric functions; develop facility in operating with polynomials, rational expressions, and exponential expressions; develop an understanding of inverses and transformations of functions; and develop facility in using function notation and in communicating mathematical reasoning.

Prerequisites - MFM2P1 or MPM2D1

Functions

Grade 11 • MCR3U1 • University

This course introduces some financial applications of mathematics, extends students' experiences with functions, and introduces second-degree relations. Students will solve problems in personal finance involving applications of sequences and series; investigate properties and applications of trigonometric functions; develop facility in operating with polynomials, rational expressions, and exponential expressions; develop an understanding of inverses and transformations of functions; and develop facility in using function notation and in communicating mathematical reasoning. Students will also investigate loci and the properties and applications of conics. **Prerequisites - MPM2D1**

Mathematics for Everyday Life

Grade 11 • MEL3E1 • Workplace

This course enables students to broaden their understanding of mathematics as it is applied in important areas of day-to-day living. Students will solve problems associated with earning money, paying taxes, and making purchases; apply calculations of simple and compound interest in saving, investing, and borrowing; and calculate the costs of transportation and travel in a variety of situations.

Prerequisites - MAT2L1 or MFM2P1

Personal and Fitness Activities

Grade 11 • PAF3OB • Open

This course helps male students develop a personalized approach to healthy living. Students will examine the factors that affect their own health and the health of individuals as members of the community. They will learn about the components of the Vitality approach to healthy living – an initiative that promotes healthy eating, an active lifestyle and a positive self-image. Throughout this course, male students will develop the skills necessary to take charge of and improve their own health as well as to encourage others to lead healthy lives. The focus of this course is to promote a healthy lifestyle for males through personal fitness planning and activities. (Weight Training for males)

Female Fun Fit

Grade 11 • PAI3OF • Open

This course helps female students develop a personalized approach to healthy living. Students will examine the factors that affect their own health and the health of individuals as members of the community. They will learn about the components of the Vitality approach to healthy living – an initiative that promotes healthy eating, an active lifestyle and a positive self-image. Throughout this course, students will develop the skills necessary to take charge of and improve their own health as well as to encourage others to lead healthy lives. The focus of this course is to promote a healthy lifestyle through personal fitness planning and activities. (Fun fit)

Personal and Fitness Activities

Grade 11 • PAF3OG • Open

This course helps female students develop a personalized approach to healthy living. Students will examine the factors that affect their own health and the health of individuals as members of the community. They will learn about the components of the Vitality approach to healthy living – an initiative that promotes healthy eating, an active lifestyle and a positive self-image. Throughout this course, female students will develop the skills necessary to take charge of and improve their own health as well as to encourage others to lead healthy lives. The focus of this course is to promote a healthy lifestyle for females through personal fitness planning and activities. (Weight Training for females)

Healthy Active Living Male

Grade 11 • PPL3OM • Open

This course focuses on the development of a healthy lifestyle and participation in a variety of enjoyable physical activities that have the potential to engage students' interest throughout their lives.

World Religions

Grade 11 • HRF3O1 • Open

This course introduces students to the range and diversity of world religions, and examines how systems of belief affect individual lives and social relationships. Students will learn about a variety of religious beliefs, teachings, traditions, and practices. The course also helps students to develop skills used in researching and investigating topics related to world religions.

Prerequisites - ENG2D1 or ENG2L1 or ENG2P1 or HRE2O1

World Religions

Grade 11 • HRT3M1 • University/College

This course enables students to discover what others believe and how they live, and to appreciate their own unique heritage. Students will learn about the teachings and traditions of a variety of religions, the connections between religion and the development of civilizations, the place and function of religion in human experience, and the influence of a broad range of religions on contemporary society. This course also introduces students to skills used in researching and investigating world religions. **Prerequisites - ENG2D1**

World Religions (Extended French)

Grade 11 • HRT3MF • University/College

This course enables students to discover what others believe and how they live, and to appreciate their own unique heritage. Students will learn about the teachings and traditions of a variety of religions, the connections between religion and the development of civilizations, the place and function of religion in human experience, and the influence of a broad range of religions on contemporary society. This course also introduces students to skills used in researching and investigating world religions. **Prerequisites - CHC2DF**

Environmental Science

Grade 11 • SVN3M1 • University/College

Course description: This course provides students with the fundamental knowledge of and skills relating to environmental science that will help them succeed in life after secondary school. Students will explore a range of topics, including the role of science in addressing contemporary environmental challenges; the impact of the environment on human health; sustainable agriculture and forestry; the reduction and management of waste; and the conservation of energy. Students will increase their scientific and environmental literacy and examine the interrelationships between science, the environment, and society in a variety of areas.

Prerequisites – SNC2D, SNC2P

Biology

Grade 11 • SBI3C1 • College

This course focuses on the processes involved in biological systems. Students will learn concepts and theories as they conduct investigations in the areas of cellular biology, microbiology, animal anatomy and physiology, plant structure and physiology, and environmental science. Emphasis will be placed on the practical application of concepts, and on the skills needed for further study in various branches of the life sciences and related fields.

Prerequisites - SNC2D1 or SNC2P1

Biology

Grade 11 • SBI3U1 • University

This course furthers students' understanding of the processes involved in biological systems. Students will study cellular functions, genetic continuity, internal systems and regulation, the diversity of living things, and the anatomy, growth, and functions of plants. The course focuses on the theoretical aspects of the topics under study, and helps students refine skills related to scientific investigation. **Prerequisites - SNC2D1**

Chemistry

Grade 11 • SCH3U1 • University

This course focuses on the concepts and theories that form the basis of modern chemistry. Students will study the behaviours of solids, liquids, gases, and solutions; investigate changes and relationships in chemical systems; and explore how chemistry is used in developing new products and processes that affect our lives and our environment. Emphasis will also be placed on the importance of chemistry in other branches of science. **Prerequisites - SNC2D1**

Physics

Grade 11 • SPH3U1 • University

This course develops students' understanding of the basic concepts of physics. Students will study the laws of dynamics and explore different kinds of forces, the quantification and forms of energy (mechanical, sound, light, thermal, and electrical), and the way energy is transformed and transmitted. They will develop scientific-inquiry skills as they verify accepted laws and solve both assigned problems and those emerging from their investigations. Students will also analyse the interrelationships between physics and technology, and consider the impact of technological applications of physics on society and the environment.

Prerequisites - SNC2D1

Introduction to Anthropology, Psych

Grade 11 • HSP3C1 • College

This course introduces students to theories, questions, and issues related to anthropology, psychology, and sociology. Students learn about approaches and research methods used by social scientists. They will be given opportunities to apply theories from a variety of perspectives, to conduct social science research, and to become familiar with current issues within the three disciplines. **Prerequisites - ENG2D1 or ENG2P1**

Construction Technology

Grade 11 • TCJ3C1 • College

This course focuses on the development of knowledge and skills related to residential construction. Students will gain hands on experience using a variety of construction materials, processes, tools, and equipment; learn about building design and planning construction projects; create and interpret working drawings and sections; and learn how the Ontario Building Code and other regulations and standards apply to construction projects. Students will also develop an awareness of environmental and societal issues related to construction technology, and explore career opportunities in the field. **Prerequisite: None**

Computer Engineering Tech

Grade 11 • TEJ3M1 • University/College

This course examines computer systems and control of external devices. Students will assemble computers and small networks by installing and configuring appropriate hardware and software. Students will develop knowledge and skills in electronics, robotics, programming, and networks, and will build systems that use computer programs and interfaces to control and/or respond to external devices. Students will develop an awareness of environmental and societal issues related to the use of computers, and will learn about college and university programs leading to careers in computer engineering. **Prerequisite: None**

Hospitality and Tourism: Culinary A

Grade 11 • TFR3C1 • College

This course enables students to acquire knowledge and skills related to the food and beverage services sector. Students will learn how to prepare, present, and serve food using a variety of tools and equipment and will develop an understanding of the fundamentals of providing high quality service to ensure customer satisfaction and the components of running a successful event or activity. Students will develop an awareness of health and safety practices, environmental and societal issues, and career opportunities in the food and beverage services sector. **Prerequisite: None**

Communications Technology: Radio, A

Grade 11 • TGR3M1 • University/College

This course examines audio communications systems, design, production and performance processes in the areas of electronic, live and recorded audio, theatrical and venue lighting, as well as radio and internet communications. A special emphasis will be on Studio Audio Recording and Production. Students will learn Basic recording techniques for a variety of situations (studio and live) such as radio broadcasting, music industry recording and film / television post production, using the industry standard Pro Tools and various types of hardware (interfaces, musical instruments (both analog and digital), headphones, microphones, etc.). Students will also learn the set-up, maintenance and take-down of audio equipment. Students will assist in the hands on production of a variety of school functions and events. They will also explore radio broadcasting and potentially create media for the school's special event announcements. Students can participate in trips to a variety of entertainment.

Exploring Green Industries

Grade 11 • THJ3E1 • Workplace

This course enables students to develop knowledge and skills related to agriculture, aquaponics, floristry, forestry, horticulture, and landscaping. Students will learn to identify a broad range of plant and animal species; examine factors that affect the growth of plants and animals and the quality of products derived from them; and develop process, design, and maintenance skills required in the green industries. Students will also learn about safe and healthy working practices, develop an awareness of environmental and societal issues related to green industry activities, and learn about apprenticeships and other postsecondary education and training opportunities, as well as employment opportunities that may be pursued directly after graduation. Students registered in the SHSM Horticulture program must complete THJ3E1, and THJ3M1 as part of the senior bundled credits. **Prerequisite: None**

Exploring Green Industries

Grade 11 • THJ3M1 • University/College

This course enables students to develop knowledge and skills related to agriculture, aquaponics, forestry, horticulture, and landscaping. Students will study the identification, growth, and management of plants and animals and develop process, design, and management skills required in the green industries. Students will also examine social and economic issues related to the green industries, learn about safe and healthy working practices, study industry standards and codes, and explore postsecondary education programs and career opportunities. Students registered in the SHSM Horticulture program must complete THJ3E1, and THJ3M1 as part of the senior bundled credits.

Prerequisite: None

Manufacturing Technology

Grade 11 • TMJ3M1 • University/College

This course enables students to develop knowledge and skills related to design process planning, control systems, and quality assurance. Students will use a broad range of tools and equipment and will combine modern manufacturing techniques and processes with computer-aided manufacturing as they develop problem solving and project-management skills. Students will develop an awareness of environmental and societal issues related to manufacturing and will learn about pathways leading to careers in the industry.

Prerequisite – None

Transportation Technology

Grade 11 • TTJ3C1 • College

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 • TXJ3E1 • Workplace

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 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 consider environmental and societal issues related to the industry and acquire a more detailed knowledge of apprenticeships and direct entry work positions. **Prerequisite: None**
