

ADULT HIGH SCHOOL - *PLANNING FOR YOUR FUTURE*

Adult High School expects every student to maintain full time status. Each student should be enrolled in three courses per semester. The information on the next few pages is important for a student to read before they start their course planning.

The entire Adult High School staff is here to **help you achieve your education and career goals.**

In order to make the **best** use of your time here at Adult High School (AHS), every student needs to **make a plan** with their Guidance counselor. The courses you choose and the order in which you take them is very important. **Please see your counselor** with any questions you have about course selection.

To **book an appointment**, please visit the Adult H.S. website (adulths.ocdsb.ca) and look under Student Services. According to the first letter of your last name, you will be assigned to one of four (4) counselors:

Krista Simonett..... (A – D)
Shannon Hendrycks..... (E – J)
Dan Refausse..... (K – P)
Bill Clarke..... (Q – Z)

Post Secondary Destinations

Colleges and Universities have specific admission requirements for each program they offer. To find out how these requirements apply to you, speak to your Guidance counselor.

Graduation Requirements

1. 30 Credits (18 compulsory, 12 electives)
Credits can be earned through credit courses and/or:
 - Prior Learning Assessment and Recognition (PLAR)
 - Equivalency Credits (Mature Students)
2. Literacy Requirement
Pass the Ontario Secondary School Literacy Test (OSSLT) or Literacy Course (OLC40)
3. 40 Hours of Community Involvement Activities
This can take place prior to coming to AHS

What is PLAR for Mature Students?

PLAR (Prior Learning Assessment and Recognition) for Mature Students provides a quicker way for adults to acquire credits toward a high school diploma. Through PLAR, you may get credits towards your high school diploma through a formal assessment; successful completion of a benchmark course or evidence of High School education outside Ontario. The PLAR Assessment process can also use your life and work experience since leaving high school.

Who is it for?

For Adults who:

- Are at least 18 years old on or before December 31 of this school year.
- Have been out of school for at least 10 months or have received a high school education outside of Ontario.
- Wish to complete their high school diplomas.

Compulsory and Elective Credits

Compulsory credits are credits students must earn in order to be eligible for an Ontario Secondary School Diploma (OSSD). Elective credits are credits that students can choose. Students are responsible for meeting with their AHS guidance counselor to ensure that they have the correct courses to qualify for a diploma.

Ontario Student Transcript

The **OST** is the student's official record of credits earned. It is part of the Ontario Student Record. When a student graduates from Adult High School, an official copy is given to the student.

Note: Students taking senior level courses have 5 days after the mid - semester report card is issued to withdraw from courses; otherwise, marks for current courses remain on the transcript.

Prerequisite Courses

Prerequisites are courses that the Ministry of Education requires you to have completed successfully to give you the background for the next level. In order to be successful, students require sufficient background information in each subject (normally represented by a mark of at least 70%).

Recommended grades are indicated as a measure of potential success in that subject's pathway. **See the course flow charts near the back of the booklet.**

Course Codes: General Information

Each course has a five-character Ministry Identification Code. The first letter shows the **area of study**:

A = Arts

B = Business

C = Canadian and World Studies

E = English

ESL = English as a Second Language

G = Guidance and Career Education

H = Social Sciences and Humanities

M = Mathematics

P = Health and Physical Education

S = Science

T = Technology

Grade 9 and 10 Courses

Grade 9 and 10 courses focus on essential concepts in a subject or course.

Academic Courses (D courses)

The emphasis will be on theory and abstract thinking as a basis for future learning and problem solving.

Applied Courses (P courses)

In applied courses, familiar, real-life situations will be used to illustrate ideas.

Grade 11 and 12 Courses

Grade 11 and 12 courses focus on specific post-secondary destinations. These courses prepare students for work, college or university.

Grade 11 and 12 courses may be offered in one or more of the following types:

U: University

M: University or College

C: College

E: Workplace

O: Open

Open Courses (O courses)

Open courses prepare students for *college or university*. All students may take open courses to explore personal interests and develop new skills and learning.

Student Accommodations

Students who require accommodations on tests or examinations should make an appointment with their AHS guidance counselor to explain their learning strengths and weaknesses. The accommodations agreed upon will be implemented throughout the semester, as well as on assignments and examinations.

COURSE OFFERINGS

(All courses listed may not be offered every semester)

ARTS COURSES (Drama, Visual Art and Photography)

ADA20 Dramatic Arts

Prerequisite: *None*

Recommended: *For Beginning English as Second Language Learners (ESL)*

This course provides opportunities for students to explore dramatic forms and techniques using their own ideas as well as material from a range of sources, genres, and cultures. Students will use the elements of drama to focus on creativity, imagination, self-confidence, consensus building, critical thinking, and communication. Areas of study will include the principles of space, time, voice, and movement in generating and sustaining authentic roles within drama. Students will create, perform, and analyse dramatic works both individually and in collaborative processes with peers. They will also reflect on their experiences to develop better understandings of the dramatic art form and of themselves. Overall learning goals include enhancing students' abilities to create, communicate, listen, question, interpret, and reflect in a safe and imaginative environment.

Topics of Study:

- ◆ Theatre History and Traditions
- ◆ Tableaux; Mime; Movement; Vocal Communication; Role Play
- ◆ Improv Theatre; Active Listening; Productive Risk Taking
- ◆ Study/performance of established dramatic works
- ◆ Creation/performance of students' own dramatic works

AVI3M Introduction to Visual Art

Prerequisite: *None*

Recommended: *ESLDO or higher*

This course is a first level art course that introduces students to a variety of art materials and media including; drawing, painting, sculpture, printmaking, design, crafts and mixed media. Students build their art skills while learning about art from many world cultures and artists. It is suitable for students of all levels of art ability.

Topics of Study:

- ◆ Portraiture and Colour
- ◆ Painting Methods in Watercolours and Acrylic Painting
- ◆ Combining Digital and Traditional Art Materials
- ◆ First Nations Metis and Inuit Art, and African Art

AVI4M Advanced Visual Art and Portfolio Preparation

Prerequisite: *Grade 11 Visual Art Course or Department Approval*

This course is an advanced level art course focusing on creative thinking and preparing a portfolio or series of artwork on a theme. The first half of the semester has a drawing, a painting, a mixed media and a design project. The second half of the course focuses on the students own interests in art making and preparation of either a portfolio or a display of their artwork.

Topics of Study:

- ◆ Large Scale Drawing and Experimental Media Use
- ◆ Improvisational Painting
- ◆ Pyrography and Logo Design / Green Design / Sustainable Architectural Design
- ◆ Photography and Framing of Artwork
- ◆ Writing About Art and Setting up an Exhibition

AWQ3M Introduction to the Photography

Prerequisite: *None*

Recommended: *ESLDO or Higher*

This blended learning course focuses on the basics of how to take better photos, photo history, and the use of Adobe Photoshop Elements. Students assignments are all available online and weekly photo shoots are done on varied topics. Students learn how to use modes on cameras, exposure compensation, compositional strategies, creative light sources and hand in work via a virtual classroom.

Topics of Study:

- ◆ Digital Cameras
- ◆ Downloading Photos and Making Contact Sheets
- ◆ History of Photography (Various Technologies)
- ◆ Adobe Photoshop Elements (Basic Features)

AWQ4M Advanced Photography

Prerequisite: *AWQ3M*

This blended learning course focuses on the advanced techniques of DSLR cameras including: depth of field, exposure controls, focus controls, action photography, and ISO. As well students learn how to take formal and informal portraits using lighting and reflectors. Students assignments are all available online and weekly photo shoots are done on varied topics. Students learn how to use DSLR cameras and light set ups as well as flashes. They look at, read about, write about and discuss Contemporary photography, while improving their photography skills.

Topics of Study:

- ◆ Digital Single Lens Reflex Cameras
- ◆ Light Set-Up and Flash Photography
- ◆ History of Photography (Contemporary Photography and Careers)
- ◆ Adobe Photoshop Elements (Advanced Features)

BUSINESS COURSES

BAF3M Financial Accounting Fundamentals

Prerequisite: *None*

Recommended: *ESLDO or Higher*

This introductory course prepares students with a working knowledge of accounting theory. Students will acquire an understanding of accounting for a service and a merchandising business, computerized accounting, and ethics and current issues in accounting.

Topics of Study:

- ◆ Fundamental Accounting Practices
- ◆ The Accounting Cycle for Service and Merchandising Businesses
- ◆ Internal Control, Financial Analysis, and Decision Making
- ◆ Ethics, Impact of Technology, and Careers

This course prepares students for **BAT4M**.

BAT4M Financial Accounting Principles

Prerequisite: *BAF3M or Department Approval*

This course prepares students for post-secondary studies in business by emphasizing advanced accounting principles. Students will learn about financial statements for various forms of business ownership and how those statements are interpreted in making business decisions.

Topics of Study:

- ◆ The Accounting Cycle
- ◆ Accounting Practices for Assets
- ◆ Partnerships and Corporations
- ◆ Financial Analysis and Decision Making

BBB4M International Business Fundamentals

Prerequisite: *None*

Recommended: *ESLEO or Higher*

This course is designed to give students an understanding of the global market place. Students will learn about the techniques and strategies associated with marketing, distribution and managing international business effectively.

Topics of Study:

- ◆ Business, Trade and the Economy
- ◆ The Global Environment for Business
- ◆ Factors Influencing Success in International Markets
- ◆ Marketing Challenges and Approaches, and Distribution
- ◆ Working in International Markets

BOH4M Business Leadership: Management Fundamentals

Prerequisite: *None*

Recommended: *ESLEO or Higher*

This course focuses on the development of leadership skills used in managing a successful business. Students will analyse the role of a leader in business with a focus on decision making, management of group dynamics, workplace stress and conflict, motivation of employees, and planning.

Topics of Study:

- ◆ Foundations of Management
- ◆ Leadership and Management Challenges
- ◆ Planning and Controlling
- ◆ Organizational Structures

COMPUTER COURSES

BBI10S Introduction to Computer Technology

Prerequisite: *None*

Recommended: *For Beginning English as Second Language Learners (ESL)*

This course uses a hands-on approach to introduce students to computers, computer applications and the world of business. A good balance between theory and practice, it offers the beginner student with the opportunity to explore the many uses of computer technology within the business environment.

Topics of Study:

- ◆ Keyboarding Skills
- ◆ Employability Skills
- ◆ Word Processing, Spreadsheets and Presentations with Microsoft Office
- ◆ Internet Searches and Email

BTT20 Introduction to Information Technology

Prerequisite: *None*

Recommended: *ESLCO or higher*

This course introduces students to information and communication technology required in the workplace. Students will develop word processing, spreadsheet, desktop publishing and presentation software.

Topics of Study:

- ◆ Computer and Internet Literacy
- ◆ Office Software
- ◆ Presentation Software
- ◆ Business Communications

This course prepares students for **BTA30**.

BTA30 Information and Communication Technology

Prerequisite: *None*

Recommended: *BTT2O and ESLDO or higher*

This intermediate course focuses on Information Technology in the workplace using Microsoft Office Suite and Adobe Photo Shop Elements. Using a practical approach, students will further develop information and communication technology skills through the use of common business software applications.

Topics of Study:

- ◆ Computer Literacy
- ◆ Word Processing, Spreadsheet, Database, and Design Software
- ◆ Business Communications
- ◆ E-Business

ICS3C Introduction to Computer Programming

Prerequisite: *None*

Recommended: *Grade 10 Applied Math (MFM2P)*

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 environmental issues related to computers, safe computing practices, emerging technologies, and postsecondary opportunities in computer-related fields.

Topics of Study:

- ◆ Programming Concepts and Skills
- ◆ Software Development
- ◆ Computer Environments and Systems
- ◆ Computers and Society

This course prepares students for **ICS4C**.

ICS3U Introduction to Computer Science

Prerequisite: *None*

Recommended: *Grade 10 Academic Math (MPM2D)*

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 ergonomic issues, emerging research in computer science, and global career trends in computer-related fields.

Topics of Study:

- ◆ Programming Concepts and Skills
- ◆ Software Development
- ◆ Computer Environments and Systems
- ◆ Topics in Computer Science

This course prepares students for **ICS4U**.

TGJ3M Communications Technology

Prerequisite: *None*

Recommended: *ESLEO or higher*

This course examines communications technology from a media perspective. Students will be introduced to communications and production processes, including still presentations and media projects. The focus will be on practical technological and communications skills developed through hands on group project based learning.

Topics of Study:

- ◆ Critical Thinking and Research
- ◆ Communications Technologies
- ◆ Collaborative Learning
- ◆ Media and Marketing Analysis

TGJ4M Communications Technology

Prerequisite: *TGJ3M*

This course enables students to further develop media knowledge and skills while designing and producing projects in the area of communications technology. In addition, the class will develop relevant practical skills that will prepare students for the work place, college and university.

Topics of Study:

- ◆ Critical Thinking and Research
- ◆ Communications Technologies
- ◆ Collaborative Learning
- ◆ Media and Marketing Analysis

COOPERATIVE EDUCATION

COP40C-One credit coop (110 hours)

COP40D-Two credits coop (220 hours)

Full time Coop/Three or Four credits (330 and 440 hours)

Cooperative education is designed to offer students an experiential learning opportunity that will help them make a successful transition to the workplace, apprenticeship, college or university. Students are able to earn credits towards their high school diploma and gain work experience that will enhance their employability skills. The coop teacher will place students in a variety of settings such as business, government, social service agencies, education, health care, and trades to gain new skills and develop workplace experience. Coop is an excellent way to investigate future career choices and gain valuable work experience.

Paid Coop: If a student wishes to use their job in the community for coop, the employer at the worksite must agree to sign log sheets and evaluate the student in the same manner as regular placement supervisors. Students must obtain any paid coop position on their own initiative.

Apprenticeships: Some placements may be used to register/accumulate coop hours towards future apprenticeship certifications. See your coop teacher to determine whether your placement will accommodate this beneficial addition to your coop experience.

All students will:

- complete an in-school orientation at the beginning of the semester
- complete log sheets weekly and provide an up to date resume
- participate in a coop job fair, including a mandatory poster presentation

ENGLISH COURSES

ELS20 Literacy Skills, Grade 10 Reading and Writing, Open

Prerequisite: *ESLDO or higher*

Recommended: *To be taken concurrently with ESLEO or ENG2P*

This course helps students to continue to develop the foundation required for effective literacy skills in life and in the workplace.

Topics of Study:

- ◆ Reading and viewing a range of fiction, non-fiction, and media texts
- ◆ Writing clearly and accurately in a variety of authentic situations
- ◆ Listening and talking in large and small groups
- ◆ Other units to be determined in the course

ENG2L English, Grade 10 Locally Developed Compulsory Course

Prerequisite: *ESLDO (after consultation with teacher) or Placement Assessment*

Recommended: *All ENG2L students are strongly advised to take BTT2O, unless they have already acquired basic computer skills.*

This course helps students to continue to develop the foundation for literacy skills which students need for success in life and the workplace.

Topics of Study:

- ◆ Reading and viewing a range of fiction, non-fiction, and media texts
- ◆ Writing clearly and accurately in a variety of authentic situations
- ◆ Listening and talking in large and small groups
- ◆ Other units to be determined in the course

This course prepares students for **ENG3E**.

ENG2P English, Grade 10 Applied

Prerequisite: *ENG1P, ESLDO or Placement Assessment*

Recommended: *All ENG2P students are strongly advised to take BTT2O, unless they have already acquired basic computer skills.*

This course helps students to continue the development of basic reading and writing skills that students need for success in college and workplace courses. This course helps students gain the skills needed to achieve success on the Ontario Secondary School Literacy Test.

Topics of Study:

- ◆ Read non-fiction, short stories, and media texts to understand their elements
- ◆ Write effective sentences, narrative and descriptive paragraphs, a report, a letter, and a series of paragraphs that express an opinion
- ◆ View and understand the elements of a media text
- ◆ Group and individual oral presentations

This course prepares students for **ENG3E** or **ENG3C**.

ENG2D English, Grade 10 Academic

Prerequisite: *ENG1D, ESLEO or Placement Assessment*

Recommended: *All ENG2D students are strongly advised to take BTT2O, unless they have already acquired basic computer skills.*

This course is designed to expand and extend the range of reading, writing, oral, and media literacy skills that students need for success in academic programs. This course helps students gain the skills needed to achieve success on the Ontario Secondary School Literacy Test.

Topics of Study:

- ◆ Read, understand, and analyze a range of articles, short stories, poetry, a novel, and a drama
- ◆ Write various forms of paragraphs and essays for literary analysis
- ◆ View and understand media texts
- ◆ Deliver oral presentations and participate in discussions
- ◆ Other assignments to be determined in the course

This course prepares students for **ENG3U**.

IDC3O Grade 11 Foundation Writing Skills, Open

Prerequisite: *ENG2P or ESLDO*

Recommended: *All IDC3O students are strongly advised to take BTT2O, unless they have already acquired basic computer skills.*

This course is recommended for students who want to take English 3C and then 4C, but know that to be successful they will have to strengthen their basic writing skills. This course provides intensive instruction and practice in writing clear, complete, correct sentences and a variety of well-organized paragraphs, summaries, informational texts, and internet based texts. This course does not directly lead into another regular English program, but the course teacher may recommend such a placement.

ENG3E English, Grade 11 Workplace Preparation

Prerequisite: *ENG2L, ENG2P, Placement Assessment, or Teacher's Recommendation*

This course prepares students with the knowledge and skills that are needed to communicate effectively in today's business and workplace settings.

Topics of Study:

- ◆ Read and understand a variety of fictional, non-fiction, and media texts
- ◆ Write clearly and correctly for formal and informal settings
- ◆ Listen and speak correctly for formal and informal settings
- ◆ Other assignments to be determined in the course

This course prepares students to advance to **ENG4E** or apply their skills in a workplace setting.

ENG3C English, Grade 11 College Preparation

Prerequisite: *ENG2P, Placement Assessment or Teacher's Recommendation*

Recommended: *Students should have a minimum final mark of 70% in ENG 2P for success in this course.*

This course helps students to continue the development of increasingly complex reading, writing, and media literacy skills which students need for success in workplace and college courses.

Topics of Study:

- ◆ Read, respond, and analyze short stories, a novel, and a range of non-fiction
- ◆ Write letters, articles, short responses, and a series of paragraphs
- ◆ View and respond to a media text
- ◆ Deliver group and individual oral presentations
- ◆ Other assignments to be determined in the course

This course prepares students for **ENG4C**.

ENG3U English, Grade 11 University Preparation

Prerequisite: *ENG2D or Placement Assessment*

Recommended: *Students should have a minimum final mark of 70% in ENG 2D for success in this course.*

This course emphasizes the development of analysis, critical thinking and formal academic writing skills necessary for advanced academic study.

Topics of Study:

- ◆ Critically and analytically read a range of fiction, non-fiction, and media
- ◆ Write paragraphs, responses, and timed formal literary essays in class
- ◆ View and analyze media texts
- ◆ Deliver oral presentations and participate in class discussions
- ◆ Other assignments to be determined in the course

This course prepares students for **ENG 4U**.

ENG4E English, Grade 12 Workplace Preparation

Prerequisite: *ENG3E or Placement Assessment*

This course prepares students with the knowledge and communication skills necessary for the workplace and in their everyday lives. The course emphasizes literacy, critical thinking, and communication skills.

Topics of study:

- ◆ Read and understand a variety of fictional, non-fiction, and media texts
- ◆ Write clearly and correctly for formal and informal settings
- ◆ Listen and speak correctly for formal and informal settings
- ◆ Other assignments to be determined in the course

ENG4C English, Grade 12 College Preparation

Prerequisite: *ENG3C*

Recommended: *Students should have a minimum final mark of 70% in ENG 3C for success in this course.*

This is the mandatory course for all students who wish to attend college. This course helps students to continue the development of increasingly complex reading and writing skills which students need for success in workplace and college courses.

Topics of Study:

- ◆ Read and analyze informational texts, a novel, and a play
- ◆ Write research reports, business letters, summaries, advertisements, newspaper articles and short analytical essays
- ◆ Listen and speak in small groups
- ◆ Other assignments to be determined in the course

The course prepares students for the workplace or college programs.

ENG4U English, Grade 12 University Preparation

Prerequisite: *ENG3U or Placement Assessment*

Recommended: *Students should have a minimum final mark of 70% in ENG 3U for success in this course.*

This is the final mandatory English course for university-bound students and emphasizes the development of critical thinking, critical analysis, and formal academic writing skills necessary for advanced academic study in college or university programs.

Topics of Study:

- ◆ Read and analyze a range of challenging texts from various time periods, countries, and cultures
- ◆ View and analyze a range of media works
- ◆ Write formal literary analysis, personal responses, and critical analysis of a range of texts
- ◆ Deliver oral presentations and participate in class discussions

This course prepares students for academic study and most university programs.

ETS4U Film Studies

Prerequisite: *ENG3U*

This course is for students with a special interest in studying the literary aspects of film. Students will analyze a range of forms and stylistic elements of literary “texts” and respond personally, critically, and creatively to them. They will also assess critical interpretations, write analytical essays, and complete an independent study project. The course has a particular focus on media literacy as an essential part of the English curriculum. This course should be helpful to university-bound students, though it does not replace ENG4U.

Topics of study:

- ◆ Studying the history of film and the film industry
- ◆ Examining various aspects of film technique, including camera views, lighting, and sound
- ◆ Viewing and analyzing a range of films from different genres and time periods
- ◆ Reading and analyzing short written texts, such as reviews
- ◆ Composing a variety of written assignments, including an essay, personal response, summary, formal letter, review, etc.

EWC4U Writer's Craft, Grade 12 University Preparation

Prerequisite: *ENG3U or Placement Assessment*

Recommended: *Students should have a minimum final mark of 70% in ENG 3U for success in this course. (May be taken concurrently with ENG4U)*

This course emphasizes knowledge and skills related to the craft of writing. Students will produce a range of works using specialized techniques to improve their writing. A major portfolio will be developed during a course.

Topics of Study:

- ◆ Read and study models of effective writing in a variety of works
- ◆ Write frequently and collaboratively to develop effective writing techniques using peer and self-assessment techniques.
- ◆ Complete a major paper as part of a creative or analytical independent study project and investigate opportunities for publication and for writing careers.

This course prepares students with a keen interest in writing to study English at University.

LVV4U Classical Civilization

Prerequisite: *ENG2D*

This course allows students to explore the beliefs and achievements of the classical world, which have shaped Western thought and civilization. Students will investigate such aspects of classical culture as its mythology, art, literature, and philosophy, as well as elements of ancient Greek and Latin, through a variety of activities such as dramatizations, audio-visual presentations, and discussions. By reading classical authors in English and examining archaeological evidence, students will enhance both their communication skills and their ability to think critically and creatively.

Topics of Study:

- ◆ Mythology
- ◆ Art, Architecture, and Archaeology
- ◆ Literature
- ◆ History and Geography
- ◆ Philosophy and Religion

OLC40 Ontario Secondary School Literacy Course

Prerequisite: *It is a co-requisite with ENG3E, ENG3C or ENG3U*

Recommended: *Students who are in grade 10 are eligible to take this course or may choose to write the Ontario Secondary School Literacy Test in the spring.*

This course teaches the basic reading and writing skills that students need to demonstrate that they are literate.

Topics of Study:

- ◆ Read and understand information articles and graphic selections from magazines, newspapers, and the internet, how-to instructions, and narratives
- ◆ Plan and write a short information article for a newspaper, a magazine, or the internet, a series of paragraphs that express an opinion and summarize information articles
- ◆ Organize a Literacy Portfolio that keeps track of completed work. Students monitor their progress, and collect samples of best writing in their portfolio.

This course prepares students to meet the Ontario literacy requirement for graduation (OSSD).

ENGLISH AS A SECOND LANGUAGE (ESL) COURSES

ESLAO Beginning Communication in English

This course is designed to build on a student's previous education to introduce the English language and help students adjust to their new cultural environment.

Topics of Study:

- ◆ Develop the ability to use oral and written English for daily needs, acquire basic conversation skills and vocabulary, and use simple sentence patterns.
- ◆ Acquire basic orientation information related to their needs as newcomers to Canada.

This course prepares students for **ESLBO**.

ESLBO English in Daily Life

Prerequisite: *ESLAO or Placement Assessment*

This course is designed to expand students' basic communication skills. Most students at this level have limited experience studying English.

Topics of Study:

- ◆ Writing: paragraphs, narratives, journals
- ◆ Grammar: basic verb tenses, parts of speech
- ◆ Readings: short stories, articles, novel
- ◆ Listening/speaking exercises

This course prepares students for **ESLCO**.

ESLCO English for School and Work

Prerequisite: *ESLBO or Placement Assessment*

This course prepares students for the further development of their oral communication skills in English and predominantly emphasizes the development of their reading and writing skills for academic purposes. Most students at this level have studied some English, but need to learn academic English skills.

Topics of Study:

- ◆ Grammar, vocabulary, and spelling
- ◆ Various writing forms, Biographies, Short Stories and Novels, Library research skills

This course prepares students for **ESLDO**.

ESLDO Study Skills in English (Preparation for College English)

Prerequisite: *ESLCO or Placement Assessment*

This course prepares students to develop the reading, writing and oral presentation skills needed for success in all subjects.

Topics of Study:

- ◆ Read and understand articles from magazines, newspapers, and the internet
- ◆ Develop research skills
- ◆ Write clear paragraphs that express an opinion
- ◆ Organize a binder that keeps track of completed work
- ◆ Analyze short stories and a novel
- ◆ Learn literary terminology
- ◆ Write a five-paragraph essay

This course prepares students to progress to **ESLEO** or to **ENG2P** or **ENG3E**.

ESLEO Bridge to English (Preparation for Academic & University English)

Prerequisite: *ESLDO or Placement Assessment*

This course is a bridge into the regular English program. It continues the development of essential reading, writing, listening and speaking skills.

Topics of Study:

- ◆ Write paragraphs and essays
- ◆ Read short stories
- ◆ Read a novel
- ◆ Develop research skills
- ◆ Understand grammar

This course prepares students who wish to go to college to progress to **ENG3C** or university to progress to **ENG2D**.

EPS30S English, Grade 11 Presentation and Speaking Skills, Open

Prerequisite: *None*

Recommended: *All students taking EPS30S should be taking ESLAO/BO or ESLBO. This course is specifically designed for beginning ESL students wishing to improve their oral communication skills.*

Students will acquire the knowledge and skills to plan and make effective presentations. They begin to speak effectively in both formal and informal settings, and use a variety of visual aids (charts, posters, transparencies, etc.) to clarify meaning and enhance presentations.

Topics of study:

- ◆ Analyze speeches, interviews, and surveys
- ◆ Produce formal and informal speeches
- ◆ Present or participate in speeches, recitations, interviews, discussions, and storytelling
- ◆ Listen and speak using the basics in the English pronunciation system
- ◆ Learn vocabulary and language structures to assist in making clearer, more effective oral presentations

GUIDANCE AND CAREER EDUCATION

GWL30 Designing Your Future

Prerequisite: *None*

Recommended: *ESLDO or higher*

This course prepares students to make successful transitions to postsecondary destinations as they investigate specific postsecondary options based on their skills, interests, and personal characteristics. Students will explore the realities and opportunities of the workplace and examine factors that affect success, while refining their job-search and employability skills. Students will develop their portfolios with a focus on their targeted destination and develop an action plan for future success.

MATHEMATICS COURSES

MF1P Foundations of Mathematics - Applied

Prerequisite: *Department Approval or Placement Assessment.*

Recommended: *Minimum of ESLCO completed*

Note: *This course should be completed before attempting SNC2P*

In this course students investigate algebra, proportional reasoning, and measurement and geometry. Real-life examples are used to develop representations of linear relations. Students explore the measurement of three-dimensional figures and two-dimensional shapes. Students will develop their mathematical skills as they solve problems and communicate their thinking.

Topics of Study:

- ◆ Number skills and proportions
- ◆ Algebra and linear equations
- ◆ Linear relations and graphs
- ◆ Geometry of two-dimensional shapes
- ◆ Perimeter, area and volume

This course prepares students for **MF2P**.

MP1D Principles of Mathematics – Academic

Prerequisite: *Department Approval or Placement Assessment*

Recommended: *Minimum of ESLCO completed*

Note: *This course should be completed before attempting SNC2D*

The emphasis in this course is to provide students with the opportunity to use abstract thinking and investigation to develop an understanding of mathematical concepts related to algebra, linear relations, analytic geometry, and measurement and geometry.

Topics of Study:

- ◆ Number Sense and Algebra
- ◆ Linear Relations
- ◆ Analytic Geometry
- ◆ Measurement and Geometry

This course prepares students for **MP2D**

MAT2LS Language of Math Locally Developed

Prerequisite: *None*

Recommended: *ESLBO or ESLCO concurrently*

In this course students will refresh their math skills in preparation for the workplace or for further studies. Students who have been out of school for a number of years or who have gaps in their basic knowledge of mathematics may be placed in this course.

Topics of Study:

- ◆ Number skills
- ◆ Money management
- ◆ Measurement
- ◆ Ratio and proportion
- ◆ Problem solving

This course prepares students for **MEL3E**. Students may be recommended for **MFM1P** or **MPM1D**.

MAT2L Essential Math Locally Developed

Prerequisite: None

Recommended: Placement test

In this course students will refresh their math skills in preparation for the workplace or for further studies. Students who have been out of school for a number of years or who have gaps in their basic knowledge of mathematics may be placed in this course.

Topics of Study:

- ◆ Number skills
- ◆ Money management
- ◆ Measurement
- ◆ Ratio and proportion
- ◆ Problem Solving

This course prepares students for **MEL3E**. Students may be recommended for **MFM1P** or **MPM1D**.

MFM2P Foundations of Mathematics - Applied

Prerequisite: *MFM1P or MPM1D*

Recommended: *A minimum final mark of 70% in either MFM1P or MPM1D*

Note: *This course should be completed successfully before taking SCH4C or SPH4C*

In this course students investigate similar triangles and the trigonometry of right triangles, graph equations, solve and apply systems of linear equations, explore graphs of quadratic relations, and investigate measurement of three-dimensional figures.

Topics of Study:

- ◆ Similar triangles and trigonometry
- ◆ Linear equations and graphs / Systems of equations
- ◆ Algebra and quadratic relations
- ◆ Surface area and volume

This course prepares students for **MBF3C**.

MPM2D Principles of Mathematics - Academic

Prerequisite: *MPM1D*

Recommended: *A minimum final mark of 70% in MPM1D*

Note: *This course should be completed successfully before taking SPH3U, SCH3U or SBI4U*

In this course students explore quadratic relations and their applications, solve and apply linear systems, verify properties of geometric figures using analytic geometry, investigate the trigonometry of right and acute triangles, and develop supporting algebraic skills.

Topics of Study:

- ◆ Systems of linear equations
- ◆ Quadratic equations / Graphs of quadratic relations
- ◆ Trigonometry
- ◆ Analytic geometry

This course prepares students for **MCR3U and MCF3M**.

MBF3C Foundations for College Mathematics

Prerequisite: *MFM2P*

Recommended: *A minimum final mark of 70% in either MFM2P or MPM2D*

In this course students will extend their understanding of quadratic relations, investigate exponential growth, solve problems of compound interest, and develop skills in data management.

Topics of Study:

- ◆ Quadratic expressions, equations, and the graphs of quadratic relations
- ◆ Exponential growth and decay
- ◆ Financial applications: compound interest and loans
- ◆ Data management (one and two variables)
- ◆ Measurement and trigonometry (including the Sine and Cosine Laws)

This course prepares students for **MAP4C**.

MCF3M Functions and Applications

Prerequisite: *MPM2D or MFM2P*

Recommended: *A final mark of 70% in MFM2P or 60% in MPM2D.*

Note: *This course or MCR3U should be completed successfully before attempting SPH4U or SCH4U.*

This course focuses on functions and their applications, quadratic, trigonometric, and exponential functions and their use in modeling real-world situations. Students will represent functions numerically, graphically, and algebraically; simplify expressions; solve equations; and solve problems relating to applications.

Topics of Study:

- ◆ Quadratic functions / Roots of quadratic equations
- ◆ Applications of the sine and cosine laws
- ◆ Sine functions
- ◆ Exponential functions
- ◆ Compound interest and annuities

This course prepares students for **MDM4U, MCT4C or MCR3U**.

MCR3U Functions

Prerequisite: *MPM2D*

Recommended: *A final mark of 70% in either MPM2D or MCF3M.*

Note: *This course should be completed successfully before taking SPH4U or SCH4U.*

In this course students will study functions and their inverses, transformations of functions and solving problems involving these functions. In particular, students investigate quadratic functions, sinusoidal functions, and exponential functions. Students also learn about discrete functions: sequences, series and financial applications.

Topics of Study:

- ◆ Functions and transformations
- ◆ Quadratic functions, linear-quadratic systems
- ◆ Trigonometry
- ◆ Sinusoidal functions
- ◆ Sequences and series
- ◆ Financial applications
- ◆ Growth and decay

This course prepares students for all Grade 12 math courses.

MEL3E Math for Everyday Life & Workplace Preparation

Prerequisite: *MAT2L*

This course improves the student's understanding of mathematics applied to everyday life and the workplace.

Topics of Study:

- ◆ Earning money and paying taxes
- ◆ Purchases
- ◆ Saving, investing and borrowing
- ◆ Simple and compound interest
- ◆ Costs of transportation and travel

This course prepares students for the world of work and may be used as the diploma requirement for math.

MAP4C Foundations for College Mathematics

Prerequisite: *MBF3C*

Recommended: *A minimum final mark of 70% in MBF3C or MCF3M.*

In the MAP4C course students will use statistical methods to analyze data, solve problems involving the application of geometry and trigonometry, apply algebra, and measurement to the design and construction of physical models, and solve financial problems involving annuities.

Topics of Study:

- ◆ Trigonometry applications
- ◆ Algebra (simplify expressions and solve equations)
- ◆ Applications of geometry
- ◆ Statistical methods

Check college admission requirements before enrolling in this course.

MDM4U Mathematics of Data Management

Prerequisite: *MCF3M or MCR3U*

Recommended: *A minimum final mark of 70% in either MCF3M or MCR3U.*

In this course students will apply methods for organizing large amounts of information, apply counting techniques, probability, and statistics in modeling and solving problems, and carry out a final large project.

Topics of Study:

- ◆ Organize data
- ◆ Use matrices
- ◆ Probability
- ◆ Statistical analysis

This course prepares students who are planning for university or college.

MHF4U Advanced Functions

Prerequisite: *MCR3U*

Recommended: *A minimum final mark of 70% in MCR3U.*

Students planning to take only one Level 4 math course should take MHF4U. This course extends students' experience with functions. Students will investigate the properties of polynomial, rational, logarithmic, and trigonometric functions, broaden their understanding of rates of change, and develop facility in applying these concepts.

Topics of Study:

- ◆ Polynomial and rational polynomial functions
- ◆ Logarithmic functions
- ◆ Trigonometric functions
- ◆ Rates of change

This course is required for many university programs and for the **MCV4U** course.

MCV4U Calculus and Vectors

Prerequisite: *MHF4U*

Recommended: *A minimum final mark of 70% in MHF4U.*

This course builds on students' previous experience with functions and rates of change. Students will solve problems involving geometric and algebraic representations of vectors, and representations of lines and planes in three-dimensional space, broaden their understanding of rates of change to include the derivatives of polynomial, rational, exponential, and sinusoidal functions and apply these concepts and skills to the modeling of real-world relationships.

Topics of Study:

- ◆ Geometric and Cartesian vectors
- ◆ Lines and planes in three dimensions
- ◆ Rates of change and the derivative
- ◆ Derivatives of polynomial, rational, exponential, and sinusoidal functions

Check university admission requirements before enrolling in this course.

PHYSICAL EDUCATION COURSES

PAF30 Personal Fitness (co-ed) / PAF3OP Women's Exercise & Health

Prerequisite: *None*

This course focuses on the development of a personalized approach to a healthy lifestyle through participation in a variety of enjoyable life-long physical related activities, developing plans for healthy eating and diet, and opportunities to enhance their mental health and personal safety.

Topics of Study:

- ◆ Strength Training, Yoga, Circuit Training and Cardio-Respiratory Training
- ◆ Rhythm & Motion (women only)
- ◆ Personal Fitness Plan
- ◆ Nutrition and Physical Activity
- ◆ Lifetime Physical Activity

This course prepares students for **PAF40**.

PAF40 Personal Fitness (co-ed) / PAF40P Women's Exercise & Health

Prerequisite: *PAF30*

This course continues the expectations of PAF30 and students will be given opportunities to refine their decision making and interpersonal skills in order to continue to increase their personal fitness and well-being.

Topics of Study:

- ◆ Weight Training, Yoga, Circuit Training and Cardio-Respiratory Training
- ◆ Rhythm & Motion (women only)
- ◆ Personal Fitness Plan
- ◆ Nutrition and Physical Activity
- ◆ Lifetime Physical Activity

This course prepares students for a career in health and fitness.

PPL30 Healthy Active Living Education (Co-ed)

Prerequisite: *None*

This course focuses on the development of a healthy lifestyle and participation in a variety of enjoyable life-long physical activities with a focus on personal competence in a variety of movement skills, goal-setting, decision-making, social, and interpersonal skills.

Topics of Study:

- ◆ Basketball, Soccer, Volleyball, Badminton and Outdoor Sports
- ◆ Mental Health and Personal Safety
- ◆ Healthy Relationships and Reproductive Health

This course prepares students for **PPL40**

PPL40 Healthy Active Living Education (co-ed)

Prerequisite: *None*

This course focuses on the development of a personalized approach to healthy active living through participation in a variety of sports and recreational activities that have the potential to engage students' interest throughout their lives. Students will be given opportunities to refine their decision-making, conflict-resolution, and interpersonal skills.

Topics of Study:

- ◆ Basketball, Soccer, Volleyball, Badminton
- ◆ Personal Physical Fitness Plans
- ◆ Outdoor Sports
- ◆ Mental Health
- ◆ Relationships With Others

This course prepares students for a healthy, active life

SCIENCE COURSES

SNC2LS Language of Science Locally Developed

Prerequisite: *None*

Recommended: *ESLDO or higher*

This course is solely for ESL students who want to gain some science-related knowledge and skills. Students taking this course can continue in either SNC2D or SNC2P upon teacher recommendation. Students will become familiar with the language of scientific inquiry, chemistry, and biology, and how science is part of everyday life.

Topics of Study:

- ◆ Scientific Inquiry & Science in Media
- ◆ Biology: Cells, organ systems & diseases
- ◆ Chemistry: Common household chemicals and safety, introduction to atomic structure

This course prepares students for **SNC2P or SNC2D**.

SNC2P General Science – Applied

Prerequisite: *SNC1D, SNC1P, or placement assessment*

Recommended: *Completed ESLDO and MFM1P or Department approval*

Note: *Students should have recently studied math before taking SNC2P.*

This course increases students' understanding of concepts in biology, chemistry, earth and space science and physics. Students will investigate everyday problems and issues related to human cells and body systems; chemical reactions; factors affecting climate change; and the interaction of light and matter.

Topics of Study:

- ◆ Human Biology: Specialized Cells, Tissues, and Organs are organized into systems
- ◆ Chemistry: Chemical Reactions
- ◆ Environment: Global Climate Change
- ◆ Physics: The Behaviour of Light

This course prepares students for **SBI3C, SCH4C and SPH4C**.

SNC2D General Science – Academic

Prerequisite: *SNC1D or placement assessment*

Recommended: *MPM1D with a final mark over 70% .Concurrent MPM2D.*

Note: *Students should have recently studied math before taking SNC2D.*

This course enables students to develop a deeper understanding of connections between cells and systems in animals and plants; chemical reactions, with a particular focus on acid-based reactions; forces that affect climate and climate change; the interaction of light and matter.

Topics of Study:

- ◆ Biology: Plants and Animals, including Humans, are made of Specialized Cells, Tissues, and Organs that are organized into systems
- ◆ Physics: Optics and the Properties of Light
- ◆ Chemistry: Chemical Reactions and Environmental Challenges
- ◆ Earth and Space Science: Climate and Global Climate Change

This course prepares students for all **Level 3 Science Courses** .

SVN3E Environmental Science Workplace Preparation

Prerequisite: *SNC1D, SNC1P, SNC2L or placement assessment*

Recommended: *ESLEO or higher*

This course is for students who are not pursuing a post-secondary program in science but require a science course for graduation. This course provides students with basic environmental science knowledge and skills that will help them succeed in work and life beyond secondary school.

Topics of Study:

- ◆ Human Health and the Environment
- ◆ Human Impact on the Environment
- ◆ Energy Conservation
- ◆ Natural Resource Science and Management
- ◆ Safety in the Workplace

This course prepares students for the world of work and may be used as a diploma requirement for Science.

SBI3C Biology for College

Prerequisite: *SNC2P*

Recommended: *Final mark over 70% in SNC2P and MFM2P.*

This course focuses on the processes involved in biological systems. Students will investigate cellular biology, microbiology, genetics, the anatomy of mammals, and the structure of plants and their role in the natural environment. 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.

Topics of Study:

- ◆ Cell Biology: Life Processes in Cells and Body Systems; Human Health
- ◆ Microbiology: Microorganisms and their effects on other organisms
- ◆ Anatomy of Mammals: Organs and Body Systems; Human Health
- ◆ Genetics
- ◆ Plant: Plant Structure; The role of plants in ecosystems

This course prepares students for some college programs.

SBI3U Biology for University

Prerequisite: *SNC2D*

Recommended: *Final mark over 70% in SNC2D and MPM2D*

This course furthers students' understanding of the processes involved in biological systems. Students will study theory and conduct investigations in the areas of biodiversity; evolution; genetic processes; the structure and function of animals; and the anatomy, growth, and function of plants.

Topics of Study:

- ◆ Biodiversity and Ecosystems
- ◆ Genetic Processes and Social and Environmental Implications
- ◆ Evolution and the Development of Species
- ◆ Animals: Organs and Systems in the body
- ◆ Plants: Plant Structures; The role of plants in ecosystem

This course prepares students for **SBI4U**.

SCH3U Chemistry for University

Prerequisite: *SNC2D*

Recommended: *Final mark over 70% in SNC2D and MPM2D. Take MCR3U or MCF3M concurrently or prior to SCH3U*

This course enables students to deepen their understanding of chemistry through the study of the properties of chemicals and chemical bonds; chemical reactions and quantitative relationships in those reactions; solutions and solubility; and atmospheric chemistry and the behaviour of gases. Students will develop their analytical skills and investigate the impact of some common chemical reactions on society and the environment.

Topics of Study:

- ◆ Matter and Chemical Bonding
- ◆ Quantities in Chemical Reactions
- ◆ Solutions and Solubility
- ◆ Gases and Atmospheric Chemistry

This course prepares students for **SCH4U**.

SPH3U Physics for University

Prerequisite: *SNC2D*

Recommended: *Final mark over 70% in SNC2D and MPM2D . Take MCR3U or MCF3M concurrently or prior to SPH3U*

This course develops students' understanding of the basic concepts of physics. Students will explore kinematics, with an emphasis on linear motion: different kinds of forces; energy transformations; the properties of mechanical waves and sound; and electricity and magnetism. They will explore the relationships between physics and technology, and consider the impact of both on society and the environment.

Topics of Study:

- ◆ Motion along a Straight Line
- ◆ Forces and Newton's Laws
- ◆ Energy and Transformations of Energy
- ◆ Waves and Sound; Electricity and Magnetism

This course can be taken instead of SPH4C and it also prepares students for **SPH4U**.

SNC4E Science Workplace Preparation

Prerequisite: *SNC2P, SNC2L or placement assessment*

Recommended: *ESLEO or higher*

This course is for students who are not pursuing a science program in college or university but need a science credit to graduate. This course is about science in everyday life. It gives students basic science knowledge that will be useful in their life beyond secondary school.

Topics of Study:

- ◆ Nutritional Science
- ◆ Disease and its Prevention
- ◆ Hazards in the Workplace
- ◆ Chemicals in Consumer Products
- ◆ Electricity at Home and at Work

This course prepares students for the world of work and may be used as a diploma requirement for Science.

SCH4C Chemistry for College

Prerequisite: *SNC2P*

Recommended: *Final mark over 70% in SNC2P and MFM2P. Take MBF3C or MCF3M concurrently or prior to SCH4C*

In this course students develop an understanding of chemistry through the study of matter and qualitative analysis, organic chemistry, electrochemistry, chemical calculations, and chemistry as it relates to the quality of the environment. Students will use a variety of laboratory techniques, develop skills in data collection and scientific analysis, and communicate scientific information using appropriate terminology. Emphasis will be placed on the role of chemistry in daily life and the effects of technological applications and processes on society and the environment.

Topics of Study:

- ◆ Matter and Qualitative Analysis: Properties of Matter; Identification of Substances
- ◆ Organic Chemistry: Reactions and their Applications
- ◆ Chemical Calculations: Quantitative Methods
- ◆ Electrochemistry: Oxidation and Reduction
- ◆ Chemistry in the Environment: Air and Water Quality

This course prepares students for some college programs.

SNC4M Health Science for College and University

Prerequisite: *SNC2D or SBI3C*

This course helps students increase their understanding of social and environmental issues in health-related fields. Students will explore a variety of medical technologies, pathogens and disease, nutritional science, public health issues and biotechnology.

Topics of Study:

- ◆ Medical technologies help patients understand their diseases and treatment options
- ◆ Pathogens spread disease but can be controlled
- ◆ Nutritional science helps people make healthy lifestyles choices
- ◆ Science and public health issues (including pandemics)
- ◆ Ethical and legal issues surrounding genetic modification and cloning

This course will help those who have an interest in careers in life sciences and health sciences.

SPH4C Physics for College

Prerequisite: *SNC2P*

Recommended: *Final mark over 70% in SNC2P and MFM2P. Take MBF3C or MCF 3M concurrently or prior to SPH4C*

This course develops students' understanding of the basic concepts of physics. Students will explore these concepts with respect to motion: mechanical, electrical, electromagnetic, energy transformation, hydraulic, and pneumatic systems, and the operation of commonly used tools and machines. They will develop their scientific investigation skills as they test laws of physics and solve both assigned problems and those emerging from their investigations. Students will also consider the impact of technological applications of physics on society and the environment.

Topics of Study:

- ◆ Motion and its Applications
- ◆ Mechanical Systems
- ◆ Electricity and Magnetism
- ◆ Energy Transformations
- ◆ Hydraulic and Pneumatic Systems

This course prepares students for college programs.

SBI4U Biology for University

Prerequisite: *SBI3U*

Recommended: *Final mark over 70% in SBI3U, SCH3U and MPM2D*

This course provides students with the opportunity for in-depth study of the concepts and processes that occur in biological systems. Students will study theory and conduct investigations in the areas of biochemistry, metabolic processes, molecular genetics, homeostasis, and population dynamics.

Topics of Study:

- ◆ Biochemistry: Biological molecules, cellular processes and applications
- ◆ Metabolic Processes: Chemical changes and energy conversions
- ◆ Molecular Genetics: DNA, proteins and cellular processes
- ◆ Homeostasis
- ◆ Population Dynamics: Population growth and natural resources

This course prepares students for university programs.

SCH4U Chemistry for University

Prerequisite: *SCH3U*

Recommended: *Final mark over 70% in SCH3U, MCR3U or MCF3M. Take MHF4U concurrently or prior to SCH4U*

This course enables students to deepen their understanding of chemistry through the study of organic chemistry, the structure and properties of matter, energy changes and rates of reaction, equilibrium in chemical systems, and electrochemistry. Students will investigate chemical processes, and learn to communicate scientific information. Emphasis will be placed on the importance of chemistry and on the impact of chemical technology on the environment.

Topics of Study:

- ◆ Organic Chemistry: Structure and Properties of Organic Compounds, Reactions
- ◆ Structure and Properties of Matter: Atomic and Molecular Structure
- ◆ Energy Changes and Rates of Reaction: Quantitative Methods; Optimal Conditions
- ◆ Chemical Systems and Equilibrium: Implications for Nature and Industry
- ◆ Electrochemistry: Oxidation and Reduction, Applications

This course prepares students for university programs.

SES4U Earth and Space Science

Prerequisite: *SNC2D*

This course develops students' understanding of Earth and its place in the universe. Students will examine the materials of Earth, its geological history, and will learn how Earth's systems interact and have changed over time. Students will learn how geology affects their daily lives, and will learn about the universe and solar system. The course draws on biology, chemistry, physics, and mathematics in its consideration of geological and astronomical processes.

Topics of Study:

- ◆ Earth's Geological History
- ◆ Earth Materials: Types of Rocks, Mining and Refining, Impacts on Society and the Environment
- ◆ Geological Processes
- ◆ Astronomy: Origin of the Universe; The Solar System; Space Exploration

This course prepares students for some university programs.

SPH4U Physics for University

Prerequisite: *SPH3U*

Recommended: *Final mark over 70% in SPH3U and MCR3U . Take MCF3M concurrently or prior to SPH4U*

Students will continue their exploration of energy transformations and the forces that affect motion, and will investigate electrical, gravitational, magnetic fields and electromagnetic radiation. Students will also explore the wave nature of light, quantum mechanics, and special relativity, develop their scientific investigation skills, learn how to analyze data, and consider the impact of technological applications of physics on society and the environment.

Topics of Study:

- ◆ Dynamics: Forces and Motion
- ◆ Energy and Momentum: Laws of Conservation; Mathematical Analysis of Interactions
- ◆ Gravitational, Electric and Magnetic Fields: Compare their Properties
- ◆ The Wave Nature of Light
- ◆ Modern Physics: Behaviour of Light, Relativity

This course prepares students for some university programs.

SOCIAL SCIENCES AND HUMANITIES COURSES

CPC30 Politics in Action: Making Change

Prerequisite: *None*

Recommended: *ESLDO or higher*

This course is intended for students who want to learn about their adopted home and for students who might have missed the opportunity to learn about Canada during their prior secondary school studies. This course may help some students qualify for PLAR credit.

Topics of Study:

- ◆ Geography
- ◆ History
- ◆ Citizenship
- ◆ Culture

HSG3M Gender Studies

Prerequisite: *None*

Recommended: *ESLEO, ENG2P, ENG2D or Departmental Approval*

This course enables students to explore the social construction of gender. Students will learn the dynamic nature of gender roles and norms; sexism and power relations; and the impact of representations of women and men in the media, popular culture and the arts. Students will analyse a range of gender equity issues, including gender-based violence and workplace equity, in both Canadian and global contexts.

Topics of Study:

- ◆ The Social Construction and Representation of Gender
- ◆ Power Relations, Sex and Gender
- ◆ Gender Issues and Gender-Related Policy
- ◆ Changes in the Workplace and Agents of Change

HSP3U Introduction to Anthropology, Sociology and Psychology

Prerequisite: *ENG2D, CHC2D or Department Approval*

This course provides students with opportunities to think critically about theories, questions, and issues related to anthropology, psychology, and sociology. Students will develop an understanding of the approaches and research methods used by social scientists.

Topics of Study:

- ◆ Anthropology
- ◆ Psychology
- ◆ Sociology

CGR4M Environmental Studies (Resource Management)

Prerequisite: *Any University, University/College or College Preparation Course in Canadian and World Studies, English, or Social Sciences and Humanities.*

This course explores interactions between the natural and human environment with a particular focus on the impact of human activity on various ecosystems. Students will explore resources management and sustainability practices, as well as related government policy and international protocols.

Topics of Study:

- ◆ Ecological Processes and Health
- ◆ Human Impact on the Natural Environment
- ◆ Environmental and Resource Management
- ◆ Environmental Laws and Regulations

CGW4U World Issues: A Geographic Analysis

Prerequisite: *Any University, University/College or College Preparation Course in Canadian and World Studies, English, or Social Sciences and Humanities.*

This course looks at the global challenge of creating a more sustainable and equitable world. Students will explore a range of issues involving environmental, economic, social and geopolitical interrelationships, and will examine governmental policies related to these issues.

Topics of Study:

- ◆ Interdependence of Natural and Human Systems
- ◆ Challenges of Diversity and Disparity
- ◆ Strategies for Sustainable Development
- ◆ Trends and Predictions

CHI4U Canada, History, Identity and Culture

Prerequisite: *Any University, University/College or College Preparation Course in Canadian and World Studies, English, or Social Sciences and Humanities.*

This course will enable students to evaluate major social, economic and political changes in Canadian history from pre-contact to the present. The understanding students gain through their examination of Canada's historical and cultural roots will allow them to formulate a definition of what it means to be Canadian.

Topics of Study:

- ◆ Aboriginal Peoples and Colonial Canada
- ◆ Canada's International Role
- ◆ Immigration and Identity
- ◆ Citizenship and Heritage
- ◆ Social, Economic and Political Structure

CPW4U Canadian and International Politics

Prerequisite: *Any University, University/College or College Preparation Course in Canadian and World Studies, English, or Social Sciences and Humanities.*

This course explores various perspectives on issues in Canadian and world politics. Students will explore political decision making and ways in which individuals, stakeholder groups, and various institutions, including governments, multinational corporations, and non-governmental organizations, respond to and work to address domestic and international issues.

Topics of Study:

- ◆ Political Foundations
- ◆ Governments and Canadian and International Politics
- ◆ Non-governmental Action on Canadian and International Political Issues
- ◆ Rights and Power in the International Community

HHS4U Families in Canada

Prerequisite: *Any University or University/College Preparation Course in Canadian and World Studies, English, or Social Sciences and Humanities.*

This course enables students to draw on sociological, psychological, and anthropological theories and research to analyze the development of individuals, intimate relationships, and family and parent-child relationships. Students will focus on issues and challenge facing individuals and families in Canada's diverse society.

Topics of Study:

- ◆ Individual and Family Development
- ◆ Individuals in a Diverse Society
- ◆ Intimate Relationships and Marriage in a Diversity Society
- ◆ Parent-Child Relationships in a Diverse Society

HSC4M World Cultures

Prerequisite: *Any University, College, or University/College Preparation Course in Canadian and World Studies, English, or Social Sciences and Humanities.*

This course examines the characteristics of culture; how cultural identities are acquired, maintained, and transformed; and the theories used to analyse cultures. Students will explore world cultures, with an emphasis on the intersectionality of oppression, and critically analyse the issues facing ethnocultural groups within Canada and around the world.

Topics of Study:

- ◆ Culture and Identity
- ◆ Power and Policies
- ◆ Communicating about Culture
- ◆ Social Action and Personal Engagement

TECHNOLOGICAL STUDIES (Culinary Arts and Hairstyling)

TFJ2O Food Preparation

Prerequisite: *None*

This course is intended as an introduction to the Culinary Arts industry.

The focus of this course is to give students a solid practical and theoretical foundation in Culinary Arts.

Topics of Study:

- ◆ Study Food Origins
- ◆ Food-Handling Techniques and Food Preparation
- ◆ Health and Safety Standards
- ◆ Use Specialized Tools and Equipment

This course prepares students with a practical experience in Culinary Arts.

TFJ3C Food Preparation, College

Prerequisite: *None*

This course helps students understand the features, trends and guidelines of the Culinary Arts industry. Students acquire skills related to preparing and presenting food, health and safety standards, and career opportunities.

Topics of Study:

- ◆ Cooking Methods
- ◆ Nutrition
- ◆ Yeast, Quick Breads, Cakes and Cookies
- ◆ Menu Preparation
- ◆ Knowledge of College Programs and Employment Opportunities

This course prepares students for college admission.

TFJ3E Food Preparation, Workplace

Prerequisite: *None*

This course helps students in the preparation, presentation, and serving of food, using the necessary equipment. Throughout the course they learn the fundamentals of providing high-quality service and ensuring customer satisfaction.

Topics of Study:

- ◆ Occupational Health and Safety Standards
- ◆ Laws Regulating the Culinary Arts and Tourism Industry
- ◆ Preparation and service of Food
- ◆ Career Pathways in the Industry

This course prepares students for the workplace.

TFJ4C Food Preparation, College

Prerequisite: *TFJ3C*

This course enables students to further develop knowledge and skills related to the various sectors of the Culinary Arts industry. Students will demonstrate advanced food preparation and presentation skills, increased health and wellness knowledge, design and implement a variety of events, and investigate what contributes to high-quality customer service.

Topics of Study:

- ◆ Management Techniques and Strategies
- ◆ Culinary Knowledge
- ◆ Facilities and Equipment
- ◆ Industry Practices and Career Opportunities

This course prepares students for college admission.

TFJ4E Food Preparation, Workplace

Prerequisite: *TFJ3E*

This course focuses on advanced food preparation and presentation skills. Students will study the nutritional value of foods, plan menus and recipes, and learn effective communication skills.

Topics of Study:

- ◆ Advanced Level Cooking and Baking Techniques
- ◆ Organize and Participate in Special Functions
- ◆ Knowledge of Career Opportunities

This course prepares students for the workplace.

TXH3E Hairstyling, Workplace

Prerequisite: *None*

Recommended: *ESLBO*

This course enables students to develop knowledge and skills in hairstyling and offers a variety of applications that will equip students to provide services for a diverse clientele.

Topics of Study:

- ◆ Identify Trends and Opportunities in the Beauty Industry
- ◆ Related Health and Safety Laws
- ◆ Communication and Interpersonal Skills
- ◆ Practical Skills and Knowledge pertaining to the Beauty Industry
- ◆ Hair Colouring, Cutting and Styling

TXH4E Hairstyling, Workplace

Prerequisite: *TXH3E*

This course enables students to develop increased proficiency in a wide range of hairstyling services.

Topics of Study:

- ◆ Continued Practical Skill and Beauty Knowledge Development
- ◆ Career Opportunities and Apprenticeship Pathways
- ◆ Common Business Practices and Strategies in the Beauty Industry
- ◆ Advanced Hair Colouring, Cutting and Styling

COURSE FLOW CHART

For detailed course information, see <http://www.edu.gov.on.ca>

Subject	Level 1	Level 2	Level 3	Level 4
ARTS		ADA2O	AWQ3M → AVI3M →	AWQ4M AVI4M
BUSINESS			BAF3M →	BAT4M BBB4M BOH4M
COMPUTER COURSES	BBI1OS →	BTT2O →	BTA3O ICS3C ICS3U TGJ3M →	TGJ4M
ENGLISH		ENG2P → ENG2L → ENG2D → ELS2O	ENG3C → ENG3E → ENG3U → IDC3O	ENG4C ENG4E ENG4U EWC4U ETS4U LVV4U OLC4O
ESL	ESLAO ↓ ESLBO EPS3OS	ESLCO →	ESLDO → ↓ ENG2P ENG3E/4E	ESLEO ↓ ENG2P ENG2D

Subject	Level 1	Level 2	Level 3	Level 4
<p>GUIDANCE</p> <p>HOSPITALITY</p> <p>HAIRSTYLING</p>		<p>TFJ2O</p>	<p>GWL30</p> <p>TFJ3C</p> <p>TFJ3E</p> <p>TXH3E</p>	<p>TFJ4C</p> <p>TFJ4E</p> <p>TXH4E</p>
<p>MATH</p>	<p>MFM1P</p> <p>MPM1D</p>	<p>MAT2LS</p> <p>MAT2L</p> <p>MFM2P</p> <p>MPM2D</p>	<p>MEL3E</p> <p>MEL3E</p> <p>MBF3C</p> <p>MCF3M</p> <p>MCR3U</p>	<p>MAP4C</p> <p>MDM4U</p> <p>MHF4U</p> <p>MCV4U</p>
<p>PHYSICAL EDUCATION</p>			<p>PPL3O</p> <p>PAF3O</p> <p>PAF3OP</p>	<p>PPL4O</p> <p>PAF4O</p> <p>PAF4OP</p>

Subject	Level 1	Level 2	Level 3	Level 4
<p style="text-align: center;">SCIENCE</p>		<p>SNC2LS</p> <p>SNC2P</p> <p>SNC2D</p>	<p>SVN3E</p> <p>SBI3C</p> <p>SCH3U</p> <p>SBI3U</p> <p>SPH3U</p>	<p>SNC4E</p> <p>SCH4C</p> <p>SNC4M</p> <p>SES4U</p> <p>SCH4U</p> <p>SBI4U</p> <p>SPH4U</p>
	<p style="text-align: center;">SOCIAL SCIENCES</p>			<p>CPC3O</p> <p>HSG3M</p> <p>HSP3U</p>

ESL COURSE PAIRINGS

Level	Course Pairings	Co-op
ESLAO/BO	ESLAO/BO Package ADA2O - Drama BBI1OS - Intro to Business Tech EPS3OS – English Public Speaking PAF3O – Personal Fitness TFJ2O – Food Preparation	Cooperative Education can be taken at any stage of ESL but always requires advance permission from the Co-op Department.
ESLBO	ESLBO ADA2O - Drama BBI1OS - Intro to Business Tech EPS3OS – English Public Speaking PAF3O/4O – Personal Fitness TFJ2O – Food Preparation TXH3E – Hair Styling	
ESLCO	ESLCO ADA2O - Drama BTT2O – Intro to Information Tech EPS3OS – English Public Speaking MAT2LS – Language of Math PAF3O/4O – Personal Fitness TFJ2O/3C – Food Preparation TXH3E – Hairstyling	
ESLDO	ESLDO ADA2O - Drama AVI3M – Visual Art AWQ3M – Photography BTT2O – Intro to Information Tech BAF3M – Financial Accounting BTA3O – Info and Comm Tech CPC3O – Politics in Action IDC3O – Foundation Writing Skills GWL3O – Designing Your Future MATH – Determined by Assessment PAF3O/4O – Personal Fitness SNC2LS – Language of Science TFJ2O/3C/4C – Food Preparation TXH3E/4E – Hairstyling	

Level	Course Pairings	Co-op
ESLEO	ESLEO ADA2O - Drama AVI3M/4M – Visual Art AWQ3M/4M – Photography BTT2O – Intro to Information Tech BAF3M – Financial Accounting BTA3O – Info and Comm Tech CPC3O – Politics in Action ELS2O – English Literacy GWL3O – Designing Your Future IDC3O – Foundation Writing Skills MATH – Determined by Assessment PAF3O/4O – Personal Fitness SCIENCE – Determined by Assessment SNC2LS – Language of Science TFJ2O/3C/4C – Food Preparation TGJ3M – Communications Technology TXH3E/4E – Hairstyling	Cooperative Education can be taken at any stage of ESL but always requires advance permission from the Co-op Department.

FREQUENTLY ASKED QUESTIONS

1. Who attends Adult High School?

Students 18 years or older who want to upgrade or complete credentials choose to come to Adult High School. Adult High School operates as a regular day school with students selecting three courses from grades 9 – 12 to maintain full time status.

2. When can I start Adult High School?

There are two starting points. Semester 1 starts in September and Semester 2 starts in February. Please call 613.239.2707 in late August or mid-January for specific registration information.

3. Is day care available?

There is a limited day care available through the City of Ottawa at the school, but there may be a waiting list. Students pay for day care according to income. Call 613.233.2464 for further information.

- 4. How do I plan my education at Adult High School?**
Students may be assessed during registration. They will have the opportunity to meet with a counselor or subject specialist during registration to discuss their future destination(s) and education plan. We encourage you to make an appointment with your counselor.
- 5. Are “Attendance Letters” provided for outside agencies?**
Attendance letters are issued after the third week of each semester. These are available by request in the Main Office (Room 302).
- 6. After registration can a timetable change?**
Students need to choose their courses wisely. Students who request a change must schedule an appointment to see their counselor. Changes are made subject to availability and approval.
- 7. If a student attends Summer School, can they change their September timetable?**
Students who attend Summer School must visit the Student Services Department to make a timetable change as soon as possible in September.
- 8. What happens when a student misses a day?**
When an absence from class is unavoidable, we would ask that the student call the school (613- 239-2707, extension 6) and leave a message. Please leave the date and time of the call. Students should spell their first and last names and the reason for the absence. For long term absence, please fill out an extended absence form in the main office.
- 9. What if a student has missed too much school and is considering leaving?**
Students are encouraged to speak to their subject teacher to confirm their attendance and mark and then must meet with their Guidance counselor.