DAWSON COLLEGE
WINTER 2027
CREDIT COURSE SCHEDULE

Please Note: The College reserves the right to make changes to the information contained in this publication without prior notice, including the revision or cancellation of certain courses.

COLLÈGE DAWSON
HIVER 2027
HORAIRES DES COURS DE CRÉDIT

À noter : Le Collège se réserve le droit de modifier les informations contenues dans cette publication sans préavis, y compris la révision ou l'annulation de certains cours.

Last update made / Dernière mise à jour le : 2026-11-16 8:38 AM

TABLE OF CONTENTS/TABLE DES MATIÈRES

COURSE SCHEDULE AND DESCRIPTIONS/CALENDRIER ET DESCRIPTIONS DES COURS

Anthropology	3
Biology	3-4
Business Administration	4
Chemistry	4-5
Cinema/Communications	5
Computer Science	6
Creative Writing	6
Economics	6-7
English	7-8
Fine Arts/Art History	8
French	9-13
Geography	13
History	14
Humanities	14-15
Mathematics	15-17
Methods	17-18
Philosophy	18
Physical Education	18-19
Physics	19-20
Political Science	20
Psychology	20
Religion	21
Secondary IV Science	21
Sociology	21
Spanish	21

Please note: *Official course information—including the discipline, course title, and course description—will not be translated, even though parts of the document are presented bilingually.*

To view our ***Information and Registration Guide*** *which includes key dates please refer to: https://www.dawsoncollege.qc.ca/credit/winter/*

For course availability please consult your My Dawson portal under "Registration and Course Change/Course Seats available".

Veuillez noter : *Les renseignements officiels sur les cours — y compris la discipline, le titre du cours et la description du cours — ne seront pas traduits, même si certaines parties du document sont présentées de façon bilingue.*

Pour consulter notre ***guide d'information et d'inscription*** *qui comprend les dates importantes, veuillez consulter : https://fr.dawsoncollege.qc.ca/credit/winter/*

Pour vérifier la disponibilité des cours veuillez consulter votre portail My Dawson sous "Registration and Course Change/Course Seats available" pour la liste des cours encore disponibles.

ANTHROPOLOGY

Introduction to Anthropology

381-1N1-DW | 45 hours
No prerequisite

Section 03001 Monday 18:30 – 21:30

This course is designed to introduce the students to the social science of anthropology. There are four fields of anthropology which help to explain the behaviour of peoples all over the world. The study of these fields will allow the students to learn about the origins and development of human beings in the context of their physical and cultural environments. Students will explore contemporary issues through an anthropological lens. The course will provide the student with the necessary knowledge to pursue more specific or advanced courses in anthropology at either the CEGEP or university level. The readings used in the course come from free-access online sources, at no cost to students.

BIOLOGY

Biological Basis of Behaviour

101-B12-DW| 45 hours
No prerequisite

Section 03001 Monday 18:30 – 20:00, Monday Lab 20:00 – 21:30
Section 03002 Wednesday 18:30 – 20:00, Wednesday Lab 20:00 – 21:30

This course introduces Social Science students to the human body from an anatomical, physiological, and behavioural perspective. Students will gain an understanding of the function of cells and how they communicate with each other allowing us to respond to stimuli and maintain health. Emphasis will be on the role of endocrine and nervous-regulated physiological mechanisms and their impact on behaviour. The influence of genetic inheritance on the expression of various physical and behavioural traits will also be explored. The course will consist of lectures, labs, and other learning activities. Recommended Text: Goodenough and McGuire, Biology of Humans, 6th ed., Pearson. eTextbook (6-months access) approx. $90.

Please note: This is a Social Science option course. It cannot be applied to a Science DEC.

Cellular Biology

101-SN1-RE | 60 hours
No prerequisite
Recommended: Secondary V Chemistry 504 or 534 or CEGEP Chemistry 202-001 or equivalent

Section 03001 Monday 18:00 – 20:00, Monday Lab 20:00 – 22:00
Section 03002 Saturday 9:00 – 11:00, Saturday Lab 11:00 – 13:00

In this course, students will explore the structure and function of the basic unit of life, *the cell*. Topics will include the biomolecules and organelles that form the cell, cell transport mechanisms and its energy metabolism, the basis of genetic information and heredity, and the cell division process. Laboratory exercises will introduce students to many practical aspects of biology such as biochemical analyses and DNA technology, while further exploring topics in the biology of cells. Recommended Text: Urry *et al.*, *Campbell Biology*, 4th Canadian ed., Pearson. (as eBook with 2 yrs access with Mastering Biology; approx. $132)

Ecology and Evolution

101-SN2-RE | 45 hours
No prerequisite

Section 03001 Saturday 9:00 – 10:30, Saturday Lab 10:30 – 12:00
Section 03002 Thursday 18:00 – 19:30, Thursday Lab 19:30 – 21:00

In this course, students will explore the *interactions* of organisms in ecosystems and the mechanisms of *evolution* that give rise to the variety of life forms on earth. Students will gain an overview of ecosystem structure, its processes, and the various biomes of the biosphere. Groups of organisms will be discussed in terms of their fundamental roles in ecosystems. The course will also address the impact of human activities on disturbing biodiversity and biogeochemical cycles. Laboratory exercises will introduce students to practical aspects of biology such as the application of the scientific method in biological experimentation while enabling students to further explore topics in evolution and biodiversity. Recommended Text: Urry *et al.*, *Campbell Biology*, 4th Canadian ed., Pearson. (as eBook with 2 yrs access with Mastering Biology; approx. $132)

Human Anatomy and Physiology

101-SNU-RE | 60 hours
No prerequisite
Recommended: Cellular Biology 101-SN1-RE

Section 03001 **Wednesday 18:00 – 20:00, Wednesday Lab 20:00 – 22:00**
Section 03002 **Tuesday 18:00 – 20:00, Tuesday Lab 20:00 – 22:00**

This course focuses on analyzing the roles of anatomical structures and physiological interactions in the maintenance of equilibrium in the human body, a principle termed homeostasis. Emphasis is placed on the accurate interpretation of concepts and phenomena related to homeostasis, both through the study of the normal functioning of cells, tissues, organs and organ systems and through the analysis of disease states. Recommended Text: Marieb and Keller, *Essentials of Human Anatomy and Physiology*, 13th ed., Pearson. eTextbook (6 months access) approx. $90.

BUSINESS ADMINISTRATION

Introduction to Business

401-1N1-DW | 45 hours
No prerequisite

Section 03001 **Thursday 18:00 – 21:00**
Section 03002 **Wednesday 18:00 – 21:00**
Section 03003 **Monday 18:00 – 21:00 (on reserve)**

Students who have passed an Introduction to Business course under a different course number should check with an Academic Advisor before registering for this course. This course is designed to provide students with an introductory overview of business by exploring the primary business functions and activities performed by companies and small businesses (marketing, accounting, management, leadership, etc.), by identifying the major influences and trends affecting business decisions (internal and external), and by recognizing the different stakeholders (owners/shareholders, managers, employees, customers, society) that are affected by business. Overall, students will not only acquire business vocabulary and relate business principles to their daily lives and workplace but will also develop an essential appreciation of the significant role that business plays in society as a whole.

Applications in Marketing

401-A03-DW | 45 hours
Prerequisite: Introduction to Business 401-1N1

Section 03001 **Tuesday 18:00 – 21:00**

This analysis course presents fundamental elements of Marketing in a Business context. Topics covered include how product and services are created, prices are determined, products are distributed in stores, on-line and other means, products are promoted to consumers and how consumers make purchasing decisions. The topics are contextualised in today's economic, political, socio-demographic, technological and competitive business environments. The course uses cases and situational problems to advance students' analytical abilities.

CHEMISTRY

The sequence of courses for the new Science program 200.PC is 202-001, 202-SN1, 202-SN2 and 202-SNU. The sequence of courses for the old Science program 200.BC is 202-001-RE, 202-NYA-05, 202-NYB-05 and 202-BZF-05. Students with no chemistry background must take Remedial Activities for Secondary IV Environmental Science and Technology (105-003-RE). See the chart on page 14 of the Continuing Education Information and Registration Guide.

Remedial Activities for Secondary V Chemistry

202-001-RE | 75 hours
Prerequisite: High School Science 558-404 or 558-402 or Physical Science 436 or CEGEP 105-003 or equivalent
Recommended: High School Mathematics 564-406 or 565-406 or 564-426 or 565-426 or Math 436 or 526 or CEGEP Math 201-016 or equivalent prior to this course.

Section 03001 **Mon. & Wed. 17:30 – 19:00, Wednesday Lab (10 weeks) 19:00 – 22:00**
Section 03002 **Mon. & Wed. 17:30 – 19:00, Monday Lab (10 weeks) 19:00 – 22:00**
Section 03003 **Tues. & Thurs. 17:30 – 19:00, Tuesday Lab (10 weeks) 19:00 – 22:00**
Section 03004 **Tues. & Thurs. 17:30 – 19:00, Thursday Lab (10 weeks) 19:00 – 22:00**
Section 03005 **Mon. & Wed. 17:30 – 19:00, Monday Lab (10 weeks) 19:00 – 22:00**
Section 03006 **Mon. & Wed. 17:30 – 19:00, Wednesday Lab (10 weeks) 19:00 – 22:00**

This course is required for all science students who have either not taken, or have not passed, High School Chemistry course 551-504. Emphasis is on chemical problem solving, formulas and equations, in preparation for Chemistry 202-SN1-RE. Topics include metric units and unit conversion, dimensional analysis, mass and energy, mole conversions, gas laws, chemical nomenclature, types of chemical reactions and stoichiometry (including solution stoichiometry). *Text: Zumdahl. Introductory Chemistry, 2nd Custom ed., Cengage. eBook approx. $86.* Lab manual may need to be purchased for approximately $20
Note: This course prepares students for college-level chemistry and does not count towards graduation.

General Chemistry

202-SN1-RE | 75 hours
Prerequisite: High School Chemistry 504 or 534 or CEGEP Chemistry 202-001 or equivalent
Recommended: High School Mathematics 506 or 536 or equivalent e.g., CEGEP Mathematics 201-015 prior to this course.

Section 03001 Mon. & Wed. 17:30 – 19:00, Wednesday Lab (10 weeks) 19:00 – 22:00
Section 03002 Mon. & Wed. 17:30 – 19:00, Monday Lab (10 weeks) 19:00 – 22:00
Section 03003 Tues. & Thurs. 17:30 – 19:00, Tuesday Lab (10 weeks) 19:00 – 22:00
Section 03004 Tues. & Thurs. 17:30 – 19:00, Thursday Lab (10 weeks) 19:00 – 22:00 (on reserve)

This course is required for all students in pre-university Science. Topics include the basic theories of atoms, bonding and the states of matter; a brief review of stoichiometry and chemical nomenclature. Emphasis will be placed on the role of the periodic table in predicting properties and on the nature of the covalent bond. Some discussion of quantum theory, hydrogen-bonding and phase changes will also be introduced. *Text: Zumdahl and Zumdahl. Chemistry, 11th ed., Cengage. eBook + Solutions manual starting at $117, while the digital version of the lab manual is provided free of charge.*

Chemistry of Solutions

202-SN2-RE| 60 hours
Prerequisite: General Chemistry 202-SN1 or 202-NYA-05
Recommended: Differential Calculus 201-SN2

Section 03001 Saturday 10:00 – 12:00, Saturday Lab (12 weeks) 12:00 - 14:30
Section 03002 Saturday 10:00 – 12:00, Saturday Lab (12 weeks) 12:00 - 14:30 (on reserve)

The concepts and calculations studied in this course are those associated with chemical equilibrium, especially the aqueous solutions. Topics include solution concentrations, kinetics and equilibrium, pH, buffer solutions, solubility product, colligative properties, and free energy. A strong emphasis is placed on fundamental volumetric laboratory techniques. *Text: Zumdahl and Zumdahl. Chemistry, 11th ed., Cengage. eBook + Solutions manual starting at $117, while the digital version of the lab manual is provided free of charge.*

Organic Chemistry I

202-SNU-RE| 60 hours
Prerequisite: General Chemistry 202-SN1 or 202-NYA
Recommended: High School Sec. V Mathematics – Technical & Scientific option or Science option 564-506 or 565-506 or CEGEP Mathematics 201-015 or equivalent
Corequisite: Chemistry of Solutions 202-SN2 or 202-NYB

Section 03001 Thursday 17:30 – 19:30, Thursday Lab (13 weeks) 19:30 – 21:50
Section 03002 Tuesday 17:30 – 19:30, Tuesday Lab (13 weeks) 19:30–21:50 (on reserve)

Organic Chemistry provides students with basic knowledge of hydrocarbons, their classes and reactions. Basic experimental skills will be developed in the laboratory while performing organic chemistry experiments. *Course materials include the required textbook,* Organic Chemistry *(McMurry, 10th ed., OpenStax—available free digitally), and its accompanying solutions manual. A molecular model kit is required (approx. $30), while the digital version of the lab manual is provided free of charge.*

CINEMA/COMMUNICATIONS

Media and Society

530-926-DW | 45 hours
No prerequisite

Section 03001 Friday 18:30 – 21:30

This course addresses the significance and consequence of film and related media practices in the life of citizens. Students will view a range of films, from past to present, including foreign and independent films, and learn how to interpret and analyze the cultural values expressed and the films' impact on the social world.

Complémentaire en Cinéma - Ensemble II - Esthétiques du cinéma : Styles du Cinéma

530-FXA-DW | 45 hours
No prerequisite

Section 03001 Wednesday 18:30 – 21:30

Ce cours explore les grands styles, genres et mouvements du cinéma, incluant des œuvres contemporaines et du passé qui sont remarquables pour leurs approches esthétiques et leurs mécanismes narratifs innovants. À travers l'analyse de films emblématiques, les étudiants découvriront l'évolution des codes du cinéma qui ont façonné l'histoire du médium. Les étudiants exploreront aussi l'impact culturel de certains films de l'histoire du cinéma qui continuent d'influencer la production contemporaine du septième art. Idéal pour les passionnés de cinéma et les curieux souhaitant affiner leur regard critique et artistique.

COMPUTER SCIENCE

Web Site Creation

420-BXC-03 | 45 hours
No prerequisite

Section 03001 **Tuesday 18:30 – 21:30**

Students will learn to use HTML, CSS, and web development tools to design and develop publishable websites containing a variety of media permissible for use on the Internet. The role of web browsers, servers, and domains will be explored to expand students' knowledge of the websites they interact with and use every day. **Any Science program planning to take Introduction to Computer Programming in Engineering Science (360-420-DW) as a Science option must not take any Computer Science complementary course such as 420-BWC or 420-BXC.

Programming in Science

420-SN1-RE | 45 hours
Prerequisite: One (1) of the following: Secondary 5 Chemistry OR Secondary 5 TS/SN Math OR Secondary 5 Physics

Section 03001 **Friday 18:00 – 21:00**
Section 03002 **Monday 18:00 – 21:00 (on reserve)**

This course will introduce students to the basic building blocks (sequential, conditional, and repetitive control structures), modules (functions and libraries) and basic data types and structures used to write a software program. The students will learn how to analyze problems encountered in a scientific context, and then design, implement, and test algorithms.

CREATIVE WRITING

Creative Writing

603-916-DW | 60 hours
No prerequisite

Section 03001 **Saturday 10:00 – 14:00**

Please note: This course is not one of the four General Education English courses but may be applied to the ALC program.
This course gives students the opportunity to practice writing techniques used in a variety of genres. Attention is given to developing students' sense of craft through study, writing exercises, and critique. Other learning activities may include lectures, readings, discussions, presentations, editing practice, and evaluation or self-evaluation exercises. Through reading, listening, discussion, and practice, students gain awareness of the tools of creative writers and the skills to use them in their own work. To this end, the study of poetics constitutes part of the course. Carefully reading and responding to others' work are also components of the course. Revising and editing are essential activities for the writing assignments. At the end of the course, students submit a portfolio of work developed during the term.

ECONOMICS

Introduction to Economics

383-1N1-DW | 45 hours
No prerequisite

Section 03001 **Wednesday 18:30 – 21:30**
Section 03002 **Thursday 18:30 – 21:30**
Section 03003 **Monday 18:30 – 21:30**
Section 03004 **Friday 18:30 – 21:30 (on reserve)**

The course introduces students to resource allocation under constraints, economic systems, the great economic thinkers, the different schools of thought, and the major approaches in economics. Students will recognize basic economic concepts, theories, and models, and recognize their limitations. Applying different perspectives and relying on current and historical data, students will discuss the main economic problems facing Canada and Quebec in a global context, such as climate change, inflation, poverty, globalization, recessions, unemployment, income inequality, and other selected problems. In this course, students will describe how governments use fiscal, monetary, and trade policies to reduce domestic economic problems. They will recognize the economic consequences of economic policies and critically discuss economic information reported in the news media. Students will apply the knowledge, skills, and values they have developed in the course to examine a selected problem.

Macroeconomics

383-A04-DW | 45 hours
Prerequisite: Introduction to Economics 383-1N1

Section 03001 **Monday 18:30 – 21:30**

The course introduces students to theories that explain the determination and evolution of macroeconomic aggregates such as GDP, unemployment rates, inflation rates, and rates of interest. It discusses macroeconomic theories and models, specifies their assumptions, presents their applications, and identifies their limitations and the contrast between them. Relying on historical and current data, the course examines the changes that have taken place in the Canadian economy over the last few decades. Topics discussed in the course include business cycles, sources of economic growth, fiscal and monetary policies. Students will learn how different schools of thought, namely the Classical and Keynesian schools, approach these topics. The course enables students to apply macroeconomic concepts to specific cases and to critically assess economic policies.

ENGLISH

Students who have graduated from a Quebec high school or Quebec adult education center and have taken their Sec V Ministerial Exams in English in the last three (3) years, do **not** write placement tests. English Placement Results are automatically generated using your final Sec V English grades. All other students who plan to register for an English course but have not recently completed a credit English course at an English CEGEP, must write a placement test online. Please see page 9 of the Continuing Education Information and Registration Guide. Students at the beginner level should ask about non-credit courses.

Introduction to College English: Writing English

603-101-MQ | 60 hours
Prerequisite: 603-001 or placement - see page 9 of the Continuing Education Information and Registration Guide

Section 03001 **Wednesday 18:00 – 22:00**
Section 03002 **Tuesday 18:00 – 22:00**
Section 03003 **Monday 18:00 – 22:00 (on reserve)**

This course is designed for students whose first language is not English and who have been educated in English for less than five years. Students are introduced to the study of literature at the college level, with special emphasis on vocabulary building, correct sentence structure, grammar, idiom and critical thinking. Students will learn how to read a variety of literary works and how to write short analytical essays about literature. Class time will be spent on discussion and practice of reading, writing, research, and speaking skills. By the end of the course, students must be able to write a 750-word analytical essay in college-level English.

Introduction to College English: Effective Reading and Writing

603-101-MQ | 60 hours
Prerequisite: placement - see page 9 of the Continuing Education Information and Registration Guide

Section 03004 **Thursday 18:00 – 22:00**
Section 03005 **Tuesday 18:00 – 22:00**
Section 03006 **Wednesday 18:00 – 22:00 (on reserve)**

This course introduces students to the study of literature at the college level, with special emphasis on vocabulary-building, study skills, critical thinking, reading for literal and metaphorical meaning, and writing to communicate ideas. Students will learn how to read a variety of literary works and how to write short analytical essays about literature. Class time will be spent on discussion and practice of reading, writing, research and speaking skills. By the end of the course, students must be able to write a 750-word analytical essay in college-level English.

Introduction to College English

603-101-MQ | 60 hours
Prerequisite: placement - see page 9 of the Continuing Education Information and Registration Guide

Section 03007 **Friday 18:00 – 22:00**
Section 03008 **Tuesday 18:00 – 22:00**

After taking this course, students should be able to analyze and produce written and oral work at the college level. To this end, students will learn the appropriate use of words, correct syntactical usage, and strategies for the development of ideas. As well, they will learn to recognize and analyze a variety of literary forms. Students will also learn to develop their ideas into arguments and theses, to organize them and to edit their work. By the end of the course, students will be able to write a 750-word analytical essay in college-level English.

Literary Genres

603-102-MQ | 60 hours
Prerequisite: 603-101
Students may take 603-103 before 603-102.

Section 03001 **Monday 18:00 – 22:00**
Section 03002 **Tuesday 18:00 – 22:00**
Section 03003 **Thursday 18:00 – 22:00**
Section 03004 **Wednesday 18:00 – 22:00 (on reserve)**

This course will examine selected works of literature of a single genre or several genres. The conventions of the genre(s), as well as the techniques and devices employed by authors to effect meaning, will be the focus of classroom activities. Each group/section focuses on a particular area of interest. Students will continue to practice writing critical essays.

Literary Themes

603-103-MQ | 60 hours
Prerequisite: 603-101
Students may take 603-103 before 603-102.

Section 03001 **Thursday 18:00 – 22:00**
Section 03002 **Wednesday 18:00 – 22:00**
Section 03003 **Monday 18:00 – 22:00**
Section 03004 **Tuesday 18:00 – 22:00 (on reserve)**

This course looks at selected works of literature with particular reference to their cultural contexts and thematic developments. Each group/section focuses on a particular area of interest. Students will continue to practice writing critical essays.

Applied Themes in English

603-BXE-DW | 60 hours
Prerequisite: 603-101, 603-102 and 603-103

Section 03001 **Thursday 18:00 – 22:00**
Section 03002 **Monday 18:00 – 22:00**

This course is designed to help students who have already completed 101, 102 and 103 to develop further their skills in reading, writing, speaking and researching. Students will study and produce various forms of communication while strengthening skills of argumentation. They will learn to recognize and use various rhetorical strategies in order to produce a program-specific major assignment. Each group/section focuses on a particular area of interest.

FINE ARTS/ART HISTORY

Drawing Techniques

511-912-DW | 45 hours
No prerequisite

Section 03001 **Wednesday 18:30 – 21:30**

The expressive power of drawing as a visual language is introduced and investigated through the exploitation of various drawing techniques. Working from observation of live models, objects, the environment, and from imagined forms, the students will acquire skills while sketching and rendering with a number of basic drawing materials. Through representation and abstraction, they will apply their research and learn compositional strategies to express their ideas visually. Historical and contemporary trends in drawing approaches will be examined through presentations, and students will have an opportunity to discuss and critique their drawings as explored in studio or independently. This course is taught at an introductory level with no specialized experience required. Approximate cost of materials: $70

Introduction to Painting

511-914-DW | 45 hours
No prerequisite

Section 03001 **Saturday 9:00 – 12:00**

This introductory studio course in painting will establish a working knowledge of paint mixing and application, painting supports, colour theory and composition. Painting projects will explore modes of representation and abstraction. Students will work with acrylic colours to discover the many ways paint can be handled. Students will learn subtractive colour mixing while investigating genres such as still life, figure, portrait and landscape. Scale will be considered in paintings of various sizes on different supports. Students will become aware of different periods and approaches to painting to help focus their own preferences. In-class critiques will incorporate an understanding of relevant terminology. This course is taught at an introductory level with no specialized experience required. Approximate cost of materials: $120

FRENCH

IMPORTANT: Students beginning a NEW DEC program must meet the requirements of Law 14 as follows:

If you hold a Certificate of Eligibility for English Instruction (COE-Y):

- You must pass the English Exit Exam (EEE) to graduate.
- You need to take three program courses in French OR three additional French language courses to improve your French skills, depending on your level of ability. These courses are in addition to the two French second language courses required as part of General Education requirements, totaling five courses.
- You can register for the EEE when you are taking your third English course (603-101, 603-102, or 603-103) and have successfully completed the other two courses. See ***Chart 1*** below.

If you do not hold a Certificate of Eligibility for English Instruction (COE-N):

- You must pass the French Exit Exam, known as "Épreuve Uniforme de Français" (EUF), to graduate.
- To prepare for the EUF, you will complete three French literature courses. Additionally, you need to take two program courses in French, totaling five courses. Depending on your placement level, you may also be required to complete additional preparatory French courses before taking the required French literature courses.
- You can register for the EUF when you have successfully completed your first two French courses (602-UF0-MQ and 602-UF1-MQ) and are taking your third French course (602-UF2-MQ). See ***Chart 2*** below.

For more information, please go to: https://www.dawsoncollege.qc.ca/admissions/bill-96-law-14-what-does-it-mean-for-you/

Students without a COE in the evening division (in the Springboard to a DCS program - 081.25/28) that are intending to apply to a DEC program either in the Day or Evening division MUST be eligible to take the 602-CR1 course or higher to be admitted to the DEC. Students who place at a lower level, can pursue their studies through the evening division Springboard to a DCS program (081.25/28) to take additional courses to attain this level. See ***Chart 3*** below for sequence of courses.

Placement information can be found at: https://www.dawsoncollege.qc.ca/registrar/english-french-placement-tests/

CHART 1

Course #1 Bloc A (according to placement)	Course #2 Bloc B (according to placement)	Course #3 Bloc C or Program course (according to placement)	Course #4 Bloc D or Program course (according to placement)	Course #5 Bloc E or Program course (according to placement)
[1] 602-A01 602-A02 602-A03 602-A04	602-0B1 602-0B2 602-0B3 602-0B4	602-C01 602-C02 Program course IN French Program course IN French	602-D01 602-D02 Program course IN French Program course IN French	602-E01 602-E02 Program course IN French Program course IN French

[1] Some students may be required to take additional courses before qualifying for 602-A01 (Français langue seconde niveau 1).
602-FR1, 602- FR2, 602-FR3 and 602-001 count towards the five required French courses.
Please find the list, of French courses in the right order to respect prerequisite:

602-FR1, 602-FR2, 602 FR3 → 602-001 → 602-A0* → 602-0B* (See chart above)

CHART 2

Course #1 Préparation à l'EUF 1 : **602-UF0-MQ** (Replaces a complementary course)	Course #2 Préparation à l'EUF 2 : **602-UF1-MQ** (Replaces the Bloc A French course)	Course #3 Préparation à l'EUF 3 : **602-UF2-MQ** (Replaces the Bloc B French course)	Course #4 Program course IN French	Course #5 Program course IN French

Some students may be required to take additional courses before qualifying for 602-UF0-MQ. **This will depend on your placement level**. Please find the list, of French courses in the right order to respect prerequisite:

602-CR1 → 602-CR2 → 602-UF0 → 602-UF1 → 602-UF2

CHART 3

Some students may be required to take additional courses before qualifying for 602-CR1-DW. **This will depend on your placement level**.

602-FR1 / 2 / 3 → 602-001 → 602-A01* → 602-CR1 → 602-CR2 → 602-UF0 → 602-UF1 → 602-UF2

**Non-COE holders registered in the Springboard program may be required to take additional courses to be able to register for 602-CR1*

If you would like to obtain further information on Law 14, please consult the admissions FAQ's webpage here.

Initiation au français

602-FR1-DW / 602-FR2-DW / 602-FR3-DW | 60 hours

Prerequisite: placement - see Chart 3 on page 9

Section 03001 **Wednesday 18:00 – 22:00**

This multilevel course introduces students to the fundamentals of the French language, with a primary focus on building essential vocabulary and developing practical communication skills. It prepares students for 602-001. It does not contribute to the fulfillment of college graduation requirements in French. Textbook : Desjardins, Nancy, *Par ici*, méthode de français (Niveau A1 CECR/ 1-2 Échelle québécoise), éditions MD, Québec 2017, 160 pages; ISBN : 9782891448024. Approx. $40. Exercise book also available for approx. $18.

Renforcement en français langue seconde

602-001-DW | 60 hours

Prerequisite: Pour les élèves qui ont réussi le cours Français langue seconde de la 5e secondaire et qui ont des lacunes importantes dans la maitrise de la langue.

Section 03001 **Wednesday 18:00 – 22:00**

Ce cours s'adresse aux élèves qui ont une connaissance limitée du français oral et écrit et qui ont besoin de combler leurs lacunes en français avant d'atteindre le niveau de cours 602-A01. Ce n'est pas un cours pour débutants. Pour réussir ce cours, les élèves devront réussir les quatre habiletés langagières: expression orale, expression écrite, compréhension orale et compréhension écrite. L'accent sera mis sur l'écrit.

Français langue seconde niveau 1

602-A01-MQ | 45 hours

Bloc A

Prerequisite: 602-001 or 602-008 or 602-009 or placement - see page 9 of the Continuing Education Information and Registration Guide

Section 03001 **Monday 18:00 – 21:00**
Section 03002 **Thursday 18:00 – 21:00 (on reserve)**

Ce cours s'adresse aux élèves qui ont une connaissance de base du français oral et écrit. Il permettra de communiquer en français de manière simple et généralement cohérente, avec un certain degré d'autonomie, sur des sujets familiers, courants et relatifs au monde francophone. Coût approximatif du matériel : 50 $

Français langue seconde niveau 2

602-A02-MQ | 45 hours

Bloc A

Prerequisite: placement - see page 9 of the Continuing Education Information and Registration Guide

Section 03001 **Monday 18:00 – 21:00**
Section 03002 **Friday 18:00 – 21:00 (on reserve)**

Ce cours s'adresse aux élèves qui ont une connaissance moyenne du français oral et écrit. Il leur permettra de communiquer en français de manière cohérente, avec une certaine aisance et un certain degré d'autonomie, sur des sujets courants et relatifs au monde francophone. Coût approximatif du matériel : 55 $

Français langue seconde niveau 3

602-A03-MQ | 45 hours

Bloc A

Prerequisite: placement - see page 9 of the Continuing Education Information and Registration Guide

Section 03001 **Monday 18:00 – 21:00**

Ce cours s'adresse aux élèves qui ont une bonne connaissance du français oral et écrit. Il permettra de communiquer en français de manière cohérente et précise, avec aisance et autonomie, sur des sujets modérément complexes ou abstraits et relatifs au monde francophone. Coût approximatif du matériel : 55 $

Communiquer dans son programme d'études, niveau 1

602-0B1-DW | 45 hours
Bloc B – Level 1 - All programs
Prerequisite: 602-100 (ou 602-A01)

Section 03001 **Monday 18:00 – 21:00**

Ce cours, qui est la suite du cours 602-100 (ou 602-A01), vise à rendre l'élève capable de communiquer (parler, lire, comprendre et écrire) avec une certaine facilité. Il prend en considération les connaissances des élèves, notamment celles acquises dans le cours 602-100 (ou 602-A01). Coût approximatif du matériel : 50 $

Communiquer dans son programme d'études, niveau 2

602-0B2-DW | 45 hours
Bloc B – Level 2 – All programs
Prerequisite: 602-101 (ou 602-A02)

Section 03001 **Wednesday 18:00 – 21:00**

Ce cours, qui est la suite du cours 602-101 (ou 602-A02), met à la disposition des élèves les moyens de s'exprimer aisément en français, oralement et par écrit, dans le cadre de la discipline qui leur est spécifique par des œuvres relevant de leur domaine de spécialisation. À la fin du cours, les élèves devraient être en mesure de fonctionner en français sur le plan professionnel. Coût approximatif du matériel : 50 $

Communiquer dans son programme d'études, niveau 3

602-0B3-DW | 45 hours
Bloc B – Level 3 – All programs
Prerequisite: 602-102 (ou 602-A03)

Section 03001 **Wednesday 18:00 – 21:00**

Ce cours, qui est la suite du cours 602-102 (ou 602-A03), met à la disposition des élèves les moyens de s'exprimer aisément en français, oralement et par écrit, dans le cadre de leur programme d'études. À la fin du cours, les élèves devraient être en mesure de mieux fonctionner en français sur le plan professionnel. Coût approximatif du matériel : 50 $

Français et société québécoise (niveau 1)

602-C01-MQ | 45 hours
Prerequisite: 602-B01

Section 03001 **Saturday 9:00 – 12:00**

Le cours C01 s'adresse à l'élève qui a réussi le cours de français de la formation spécifique 602-B01-DW. Ce cours de français, langue seconde, est offert à l'élève déclaré.e admissible à l'enseignement en anglais en substitution aux cours en français. Ce cours vise à offrir à l'élève une meilleure connaissance du français ainsi qu'une compréhension approfondie de la culture francophone. Son objectif est de promouvoir le bilinguisme, par un renforcement du français au quotidien, de sensibiliser l'élève à différents aspects culturels de la société québécoise et d'encourager sa participation à la vie citoyenne. Pour obtenir son diplôme d'études collégiales, l'élève doit réussir ce cours.

Français et société québécoise (niveau 2)

602-C02-MQ | 45 hours
Prerequisite: 602-B02

Section 03001 **Thursday 18:00 – 21:00**

Dans son cours de français, l'élève sera amené·e à interagir à l'oral et à l'écrit sur des sujets relatifs à la vie sociale et culturelle au Québec. Il·elle améliorera sa capacité à communiquer avec une certaine aisance dans des situations de la vie sociale et culturelle. Il·elle pourra explorer la culture québécoise à travers des événements culturels et artistiques. Ce cours vise l'atteinte du niveau B1 du Cadre européen commun de référence pour les langues (CECR).

Premiers pas vers l'Épreuve uniforme de français (EUF)

602-CR1-DW | 60 hours

Renforcement 1

Prerequisite: L'élève doit démontrer une compétence minimale correspondant au niveau B2 du Cadre européen commun de référence (CECRL). Élève qui a fait ses études secondaires à l'extérieur du Québec et dont la langue maternelle n'est pas le français OU Élève qui a réussi Français, langue d'enseignement de la 5e secondaire et ayant obtenu une moyenne générale inférieure à 65 % et une moyenne inférieure à 65 % en français écrit OU Élève ayant obtenu une moyenne générale inférieure à 75% et provenant d'une école privée anglophone OU Élève dont le niveau est jugé insuffisant pour le cours CR2.

Section 03001 Tuesday 18:00 – 22:00

Ce cours est le premier d'une série de deux activités de renforcement de 60 heures préalables à la séquence préparatoire à l'Épreuve uniforme de français. Par l'entremise d'au moins une œuvre littéraire simple du XX^{e} ou du XXI^{e} et de textes courants, l'élève renforcera ses aptitudes pour la lecture et l'écriture en français. L'élève révisera plusieurs notions grammaticales. Il ou elle apprendra enfin à structurer les paragraphes du développement d'une rédaction de 400 mots, qui prendra la forme d'une explication de texte sur une œuvre littéraire, un texte courant ou un extrait. L'élève apprendra à rédiger son texte dans un français correct lui permettant de réussir l'Épreuve uniforme de français au terme de son parcours. Les crédits de ce cours ne comptent pas pour l'obtention du DEC.

Renforcement de français pour l'Épreuve uniforme de français (EUF)

602-CR2-DW | 60 hours

Renforcement 2

Prerequisite: L'élève doit démontrer une compétence minimale correspondant au niveau B2 du Cadre européen commun de référence (CECRL). Élève qui a réussi Français, langue d'enseignement de la 5e secondaire et ayant obtenu une moyenne générale entre 65 % et 74 % et une moyenne entre 65 % et 70 % en français écrit OU Élève non-ayant droit ayant obtenu une moyenne générale de 75% et plus et provenant d'une école privée anglophone OU Élève dont le niveau est jugé insuffisant pour le cours UF0 OU Élève ayant réussi le cours 602-CR1-DW OU placement - see page 9 of the Continuing Education Information and Registration Guide

Section 03001 Tuesday 18:00 – 22:00
Section 03002 Thursday 18:00 – 22:00
Section 03003 Friday 18:00 – 22:00 (on reserve)

Ce cours est le deuxième d'une série de deux activités de renforcement de 60 heures préalables à la séquence préparatoire à l'Épreuve uniforme de français. Par l'entremise d'au moins une œuvre littéraire complète contemporaine du XX^{e} ou du XXI^{e} et de textes courants, l'élève renforcera ses aptitudes pour la lecture et l'écriture en français. L'élève révisera plusieurs notions grammaticales. Il ou elle apprendra enfin à structurer les paragraphes du développement d'une rédaction de 500 mots, qui prendra la forme d'une explication de texte ou d'un commentaire de texte sur une œuvre littéraire ou un extrait. L'élève apprendra à rédiger son texte dans un français correct lui permettant de réussir l'Épreuve uniforme de français au terme de son parcours. Les crédits de ce cours ne comptent pas pour l'obtention du DEC.

Œuvres narratives et écriture

602-UF0-MQ | 45 hours

Complémentaire 1

Prerequisite: Élève qui a réussi Français, langue d'enseignement de la 5e secondaire et ayant obtenu une moyenne générale égale ou supérieure à 75% et une moyenne égale ou supérieure à 70% en français écrit OU Élève ayant réussi le cours 602-RF2-DW OU placement - see page 9 of the Continuing Education Information and Registration Guide

Section 03001 Thursday 18:00 – 21:00
Section 03002 Tuesday 18:00 – 21:00
Section 03003 Friday 18:00 – 21:00 (on reserve)

Ce cours est le premier d'une série de trois activités préparatoires permettant d'acquérir les compétences en langue et littérature nécessaires à la réussite de l'Épreuve uniforme de français (EUF). Par l'entremise d'au moins une œuvre littéraire narrative complète et de plusieurs extraits d'œuvres narratives issues de la littérature française, et aussi possiblement de la littérature québécoise d'expression française, l'élève développera sa connaissance de la littérature et renforcera ses aptitudes pour la lecture en français. En étudiant des romans et des nouvelles appartenant à des courants majeurs allant du classicisme au naturalisme, l'élève acquerra une connaissance du langage littéraire associé à l'étude de ce genre en plus de réviser certaines notions linguistiques. Il ou elle apprendra enfin à structurer le développement d'une dissertation explicative portant sur un sujet avec une seul texte et à le rédiger dans un français correct.

Poésie, théâtre et écriture

602-UF1-MQ | 45 hours
Replaces the Bloc A French course
Prerequisite: 602-UF0

Section 03001 **Thursday 18:00 – 21:00**

Par l'entremise d'au moins une pièce de théâtre complète et de plusieurs poèmes issus de la littérature française et québécoise d'expression française, l'élève développera sa connaissance de la littérature et, par le fait même, renforcera ses aptitudes pour la lecture en français. On étudiera des œuvres relevant des genres théâtral et poétique et appartenant à des courants majeurs : du classicisme au symbolisme pour la littérature française et des origines jusqu'à 1980 pour la littérature québécoise. L'élève acquerra donc une connaissance du langage littéraire associé aux genres à l'étude. On apprendra enfin à structurer une dissertation critique portant sur un sujet avec un seul texte et à la rédiger dans un français approprié.

Comparaison d'œuvres littéraires

602-UF2-MQ | 45 hours
Replaces the Bloc B French course
Prerequisite: 602-UF1

Section 03001 **Friday 18:00 – 21:00**

Par l'entremise d'au moins deux œuvres littéraires complètes, l'une issue de la littérature québécoise et l'autre, de la littérature francophone, l'élève devra améliorer sa connaissance de la littérature et, par le fait même, renforcer ses aptitudes pour la lecture en français. On étudiera des œuvres relevant de genres variés appartenant à des courants majeurs de la littérature francophone (XXe et XXIe siècles pour la littérature française) et de la littérature québécoise (après 1980 pour la poésie et le théâtre, et après 1960 pour le roman). L'élève continuera de parfaire ses connaissances de la langue littéraire associée aux genres à l'étude. On apprendra enfin à structurer une dissertation critique comparative portant sur deux textes et à la rédiger dans un français approprié.

Réussir l'Épreuve uniforme de français

602-CRF-DW | 45 hours
Renforcement
Prerequisite: Ce cours s'adresse à l'élève qui a atteint la compétence du cours 602-UF2, à l'exception du critère langue. Ce cours s'adresse également à l'élève qui a échoué à l'Épreuve uniforme de français (EUF).

Section 03001 ***Schedule to be confirmed (usually begins early April and ends early May before the EUF Exam)***

You must be preregistered in this course. Please send an email to conted@dawsoncollege.qc.ca with your Dawson student number if you require this course. L'objectif de ce cours est de permettre à l'élève de résoudre des problèmes liés à l'atteinte des exigences de l'EUF. Il s'agit d'une activité de renforcement préparatoire à l'EUF de 45 h dont les crédits ne comptent pas pour l'obtention du DEC.

GEOGRAPHY

Introduction to Geography

320-1N1-DW | 45 hours
No prerequisite

Section 03001 **Monday 18:30 – 21:30**

This course introduces students to the foundations of geographical knowledge. It examines some of the main features, processes, and systems that characterize and shape the human and physical worlds on Earth, and the interplay and overlap between humanity and nature. Geographical perspectives on key global issues will be presented to emphasize that while geography is sometimes about knowledge of locations and asking 'what's where?', it is also about critical thinking, considering different explanations and perspectives, and asking 'why there?'.

HISTORY

Introduction to Global History

330-1N1-DW | 60 hours
No prerequisite

Section 03001 **Wednesday 18:00 – 22:00**
Section 03002 **Tuesday 18:00 – 22:00 (on reserve)**

This course explores the historical changes and challenges that have marked human civilizations since the 1400s. It promotes an understanding of the historical interactions between different cultures and regions of the world. A major point of focus will be on systems that have shaped and continue to greatly impact populations, such as imperialism, capitalism, patriarchy, enslavement, settler-colonialism and decolonization. The course examines populations from various geographic regions and compares their economies, cultures, religions, political ideas, and environment. One objective is to offer a better comprehension of the historical roots of this long history of interconnection. This course surveys the social, cultural, political, environmental, and economic evolution of the world's human societies by focusing on various themes such as social and political revolution, industrialization, colonialism, imperialism, totalitarianism, war in the 20th and 21st century, and decolonization.

History of Science and Technology

330-A02-DW | 45 hours
Prerequisite: Introduction to Global History 330-1N1

Section 03001 **Thursday 18:30 – 21:30**

Modern society is so deeply affected by science and technology that few can think of life without them. This course examines the origins, various forms, and consequences of how innovation and technology related to the history of science have shaped the modern world, with a concentration on the Western World. Students will develop their analytical skills by learning about and discussing the relationships between the natural environment, society and technology. We will explore the social implications of scientific and technological discovery through several historical topics of common beliefs and realities known about the natural world, such as the role of scientific communities and their make-up and dynamics, differences between the applied and theoretical forms of invention, government interest in these principles, and others. Examples of particular inventions, technologies, medical practices, and scientific principles will form the basis of the course.

HUMANITIES

The sequence of courses is 345-101-MQ (formerly 345-103-04), 345-102, 345-BXH.

Knowledge

345-101-MQ | 60 hours
No prerequisite

Section 03001 **Wednesday 18:00 – 22:00**
Section 03002 **Monday 18:00 – 22:00**
Section 03003 **Thursday 18:00 – 22:00**
Section 03004 **Tuesday 18:00 – 22:00**
Section 03005 **Thursday 18:00 – 22:00 (on reserve)**

For the Knowledge courses the common learning objectives are: to recognize the basic elements of a form of knowledge; to define the modes of organization and utilization of a form of knowledge; to situate a form of knowledge within its historical context; to organize the main components into coherent patterns; and to produce a synthesis of the main components. Each group/section focuses on a particular area of interest.

Students who have passed a *Philosophie* course 340-xxx-xx at a French CEGEP should check with an Academic Advisor before registering for this course.

World Views

345-102-MQ | 45 hours
Prerequisite: 345-101

Section 03001 **Friday 15:30 – 18:30 {NEW Afternoon Section}**
Section 03002 **Thursday 18:30 – 21:30**
Section 03003 **Monday 18:30 – 21:30**
Section 03004 **Wednesday 18:30 – 21:30 (on reserve)**

In the World Views courses the common learning objectives are: to describe world views; to explain the major ideas, values, and implications of world views; to organize the ideas, values and experiences of a world view into coherent patterns; and to compare world views. Each group/section focuses on a particular area of interest.

Students who have passed a *Philosophie* course 340-xxx-xx at a French CEGEP should check with an Academic Advisor before registering for this course.

Applied Ethics in Humanities

345-BXH-DW | 45 hours
Prerequisite: 345-101 or 345-103 and 345-102

Section 03001 **Wednesday 18:30 – 21:30**
Section 03002 **Tuesday 18:30 – 21:30**
Section 03003 **Thursday 18:30 – 21:30 (on reserve)**

In the Applied Ethics courses students will learn: to situate significant ethical issues in relation to appropriate world views and forms of knowledge; to explain the major ideas, values, and social implications of these ethical issues; to organize ethical questions and their implications into coherent patterns; and to debate ethical issues. Each group/section focuses on a particular area of interest.

Students who have passed a *Philosophie* course 340-xxx-xx at a French CEGEP should check with an Academic Advisor before registering for this course.

MATHEMATICS

The sequence of courses for the new Science program 200.PC is 201-016, 201-015, 201-201-SN2, 201-SN3, 201-SN1. The sequence of courses for the old Science program 200.BC is 201-016, 201-015, 201-NYA, 201-NYB or 201-NYC. See the chart on page 14 of the Continuing Education Information and Registration Guide.

Remedial Activities for Secondary IV Mathematics

201-016-RE | 75 hours
Prerequisite: High School Mathematics 563-404 or 563-414 or H.S. Mathematics 416 or 504 or 514 or 574 or H.S. Mathematics 426 taken in the regular day sector prior to 2011 or taken in the Adult Education sector, or equivalent

Section 03001 **Mon. & Wed. 18:00 – 20:30**
Section 03002 **Tues. & Thurs. 18:00 – 20:30**
Section 03003 **Saturday 9:00 – 14:00**
Section 03004 **Tues. & Thurs. 18:00 – 20:30**
Section 03005 **Saturday 9:00 – 14:00**
Section 03006 **Mon. & Wed. 18:00 – 20:30 (on reserve)**

This course can serve as a prerequisite for programs requiring Sec IV Mathematics – Technical & Scientific option or Science option. It does not replace the Mathematics required for general admission to CEGEP. This course focuses on solving problems by using concepts in algebra and geometry. It introduces the manipulation of algebraic expressions, including products, factoring, laws of exponents and radicals. Linear equations in one or two unknowns, quadratic equations, and exponential functions (with or without logarithms) are included. Basic properties of functions, such as domain, range, sign, variation, extrema, intercepts are analyzed for specific functions, as well as some graphical representations. Problems involving analytic geometry, such as equations of lines and triangle trigonometry, as well as word problem applications are also included. This course prepares students for Remedial Activities for Sec. V Mathematics 201-015. *Text: College Algebra 2e (Custom Edition), by J. Abramson. Approx. $33 at Concordia Bookstore (also available online in pdf file). Calculator: Sharp EL-531***

Remedial Activities for Secondary V Mathematics

201-015-RE | 90 hours
Prerequisite: High School Mathematics 564-406 or 565-406 or 564-426 or 565-426 or H.S. Mathematics 436 or 526 or CEGEP Mathematics 201-016 or equivalent

Section 03001 **Mon. & Wed. 18:00 – 21:00**
Section 03002 **Tues. & Thurs. 18:00 – 21:00**
Section 03003 **Fri. 18:00 – 21:00 & Sat. 11:00 – 14:00**
Section 03004 **Mon. & Wed. 18:00 – 21:00 (on reserve)**

This course prepares students for college-level mathematics and can be used as a prerequisite for programs requiring Sec V Mathematics – Technical & Scientific option or Science option. This course includes different types of functions such as exponential, logarithmic, quadratic, square-root, rational and piece-wise functions, composition and inverse of functions, equations, area and volume, vectors and trigonometry. *Text: McArthur, George. Remedial Activities for Sec. V Math (Functions & Trigonometry). Approx. $33 at Concordia Bookstore. Calculator: Sharp EL-531***

Calculus I: Differential Calculus for Social Sciences

201-MA1-DW | 75 hours

Prerequisite: High School Sec. V Mathematics – Technical & Scientific option or Science option 564-506 or 565-506 or CEGEP Mathematics 201-015 or equivalent

Section 03001 **Mon. & Wed. 18:00 – 20:30**

*Please note: Students who plan to take Calculus II in Continuing Education at Dawson College should register for 201-SN2-RE Differential Calculus and **not** 201-MA1-DW Differential Calculus for Social Science.*

The course focuses on limits and continuity of a function, the derivative, techniques of differentiation, as well as applications to the social sciences, including curve sketching, marginal analysis and optimization problems. This course is not a substitute for Mathematics 201-NYA-05. *Text: S.T. Tan. Applied Calculus for the Managerial, Life and Social Sciences (10th Edition) Approx. $207 at Concordia Bookstore (More Options available at Cengage Canada) Calculator: Sharp EL-531***

Probability & Statistics

201-SN1-RE | 45 hours

Prerequisite: High School Sec. V Mathematics – Technical & Scientific option or Science option 564-506 or 565-506 or CEGEP Mathematics 201-015 or equivalent

Section 03001 **Wednesday 18:00 – 21:00**

The purpose of this course is to provide Science students foundational knowledge in probability and statistics, with the purpose of preparing them to perform basic statistical analysis. In the first part of the course, they will review the basics of descriptive statistics and data representation, along with an introduction to linear regression for bivariate data. In the second part, they will be introduced to the fundamental concepts and techniques of probability, including discrete and continuous probability distributions (binomial and normal distributions, in particular). In the third part of the course, they will be introduced to inferential statistics, which revolves around the central limit theorem; in this part they will learn how to estimate population parameters using confidence intervals, along with various types of hypothesis testing, including the variable independence chi-square test for contingency tables. *Text: McArthur, G. & Acteson, R. R., Probability and Statistics (201-SN1-RE). DC Printing. Approx. $27 at Concordia Bookstore (also available online in pdf file). Calculator: Sharp EL-531***

Differential Calculus

201-SN2-RE | 75 hours

Prerequisite: High School Sec. V Mathematics – Technical & Scientific option or Science option 564-506 or 565-506 or CEGEP Mathematics 201-015 or equivalent

Section 03001 **Mon. & Wed. 18:00 – 20:30**
Section 03002 **Tues. & Thurs. 18:00 – 20:30**
Section 03003 **Saturday 9:00 – 14:00**
Section 03004 **Saturday 9:00 – 14:00**

This course provides an introduction to the study of Calculus, in particular single-variable Differential Calculus. Students will be introduced to the concepts of the limit, continuity, and the derivative and will learn how these concepts relate to tangent lines to curves and to rates of change. Students will learn how to compute derivatives using a variety of common rules and techniques. Students will apply the concept of the derivative in applications such as: curve-sketching, optimization, and the analysis of rates of change. An introduction to antiderivatives and indefinite integrals will prepare students for the transition to the study of Integral Calculus. *Approx. $257 at Concordia Bookstore (More Options available at Cengage Canada) Calculator: Sharp EL-531***

Integral Calculus

201-SN3-RE | 60 hours

Prerequisite: Differential Calculus 201-SN2-RE

Section 03001 **Tues. & Thurs. 18:00 – 20:00**
Section 03002 **Saturday 9:00 – 13:00**
Section 03003 **Mon. & Wed. 18:00 – 20:00**

Students will expand their knowledge of Calculus through this course covering the core elements of Integral Calculus. The topic of antidifferentiation will be expanded upon. Students will be introduced to the topics of the Reimann sum and the definite integral and learn how they relate to the area beneath a curve. Students will learn how to compute integrals using a variety of common rules and techniques. Students will be introduced to sequences and series as well as the concept of convergence that will be applied in the context of the representation of functions as power series. Students will apply techniques of Integral Calculus in applications such as: computing areas and volumes, computing improper integrals, and Maclaurin series expansions. Students wishing to pursue the study of Calculus can do so in the optional course called Multivariable Calculus. *Approx. $257 at Concordia Bookstore (More Options available at Cengage Canada) Calculator: Sharp EL-531***

Linear Algebra and Vector Geometry

201-SN4-RE | 60 hours
Prerequisite: High School Sec. V Mathematics – Technical & Scientific option or Science option 564-506 or CEGEP Mathematics 201-015 or equivalent
Recommended: Differential Calculus 201-SN2

Section 03001 Mon. & Wed. 18:30 – 20:30
Section 03002 Saturday 10:00 – 14:00

Students will be provided with an introductory framework of linear algebra and vector geometry. Students will solve and characterize systems of linear equations using various techniques including matrix algebra. Students will learn how to represent and manipulate vectors both algebraically and geometrically. Vectors will then be used to describe lines and planes in Euclidian Space, compute areas and volumes and determine distances between various geometric objects. Students will also begin making formal mathematical arguments in the form of basic proofs. Students wishing to pursue the study of Linear Algebra may do so in the optional course called Linear Algebra II.*Text: Anton, Howard. Elementary Linear Algebra Custom ed. Wiley. Approx. $85 at Concordia Bookstore. Calculator: Sharp EL-531***

Registration is open to all students in the following programs: Evening Science DEC (200.PC)***, Springboard to a DCS (08125/08128), University Prerequisites (08040) and Independent Studies (08072).

***Evening Science DEC students (200.PC) should consult with an Academic Advisor in Continuing Education before registering for this course to verify Law 14 requirements for courses taken in or of French.

METHODS

Introduction to Social Science Research

300-1R1-DW |45 hours
No prerequisite

Section 03001 Thursday 18:00 – 21:00
Section 03002 Tuesday 18:00 – 21:00
Section 03003 Monday 18:00 – 21:00 (on reserve)

Introduction to Social Science Research (IR) is the first of the four methodology courses and is normally taken in the student's first term of the program. The goal of the course is to develop and apply appropriate work methods to the social science disciplines. Students learn and practice skills such as accessing and organizing relevant information, using appropriate technologies, identifying academic and non-academic sources, evaluating the reliability of the sources, summarizing an author's main idea, citing sources, building a bibliography, communicating their ideas orally and in writing, and effectively working in a group. This course establishes a practical foundation for successful and ethical work in the social sciences and is the pre-requisite for the two methodology courses that follow: Qualitative Methods and Quantitative Analysis. Approximate cost of materials: $0-$75.

Quantitative Analysis

300-QA1-DW | 60 hours
Prerequisite: Introduction to Social Science Research 300-1R1

Section 03001 Wednesday 18:00 – 22:00

Quantitative Analysis (QA) is one of four methodology courses and is taken in either the student's second or third term. The goal of the course is to interpret human realities by using quantitative analysis in the Social Sciences. Students will learn to recognize quantitative analysis, to formulate an operational hypothesis, describe quantitative data collections, to process data using descriptive and inferential measures, to describe the relationships between variables, and apply critical thinking to the interpretation of quantitative analysis. Students will also learn the importance of maintaining ethical standards in data collection and interpretation. Approximate cost of materials: $0-$100.

Qualitative Methods

300-QL1-DW |60 hours
Prerequisite: Introduction to Social Science Research 300-1R1

Section 03001 Thursday 18:00 – 22:00

Qualitative Methods (QL) is one of four methodology courses and is taken either the student's second or third term of the program. The goal of the course is to develop, apply and carry out scientific research by applying qualitative methodology. Students will learn to apply qualitative methods by learning the fundamentals of scientific research, developing a research project, formulating a research objective, producing a data collection tool, collecting, synthesizing and analyzing the data, and communicating the results obtained. In carrying out a qualitative research project, students also learn and practice ethical standards of Social Science research. Approximate cost of materials: $0-$75.

Integrative Seminar

300-1S1-DW | 60 hours

Prerequisite: Introduction to Social Science Research 300-1R1, Quantitative Analysis 300-QA1 and Qualitative Methods 300-QL1

Section 03001 Friday 18:00 – 22:00

The Integrative Seminar is for students planning to complete a DEC in Social Science this semester. You must be preregistered in this course by an Academic Advisor. Please send an email to conted@dawsoncollege.qc.ca with your Dawson student number if you require this course for graduation this semester.
Students in the Social Science Program take this course in their final term after having passed Introduction to Social Science Research (300-1R1), Quantitative Analysis (300-QA1) and Qualitative Methods (300-QL1) The Integrative Seminar provides the student with an opportunity to consider how the various social sciences can work together to contribute to understanding social phenomena. Using multiple social science disciplines, students will explore a topic related to the seminar theme in a series of distinct stages, ultimately producing a long essay on this exploration. This integrative project will address some of the linkages and differences among social sciences and show how their combined use makes for a deeper understanding of the selected topic. Approximate cost of materials: $0-$75.

PHILOSOPHY

Introduction to Philosophy

340-1N1-DW | 45 hours

No prerequisite

Section 03001 Thursday 18:30 – 21:30
Section 03002 Tuesday 18:30 – 21:30 (on reserve)

This course will survey central philosophical questions and how influential philosophers have attempted to answer them. Major topics such as the nature of reality, truth, knowledge, justice, personal identity, freedom, responsibility, and meaning will be covered. In a broad sense, this course explores the human condition, and the ways we humans have tried to understand and define ourselves, our world and our possibilities. As this is an introductory course, students will also learn and practice the philosophical fundamentals of sound argumentation. By the end of the course, students will have an understanding of basic problems of philosophy and their development. They will also have a sense of philosophy's relevance and importance for the social sciences, the natural sciences, and contemporary issues.

PHYSICAL EDUCATION

Physical Activity and Health: Fitness

109-101-MQ | 30 hours

No prerequisite

Section 03001 Monday 19:00 – 21:00
Section 03002 Friday 19:00 – 21:00

Students will be introduced to the theory and practice of a variety of training methods designed to maintain or improve the health components of fitness: cardiovascular endurance, body composition, muscular endurance, muscular strength, and flexibility. Students will examine the effects that are derived from participation in regular physical activity and identify appropriate activity options based on their interests, needs and abilities. The motivational factors that affect students' participation in regular and sufficient physical activity will be explored. Students will also examine their personal lifestyle habits in order to gain a better understanding of the effects these behaviours have on their health.

Physical Activity and Effectiveness: Weight Training Skills

109-102-MQ | 30 hours

No prerequisite

Section 03001 Tuesday 19:00 – 21:00
Section 03002 Thursday 19:00 – 21:00
Section 03003 Wednesday 19:00 – 21:00

This introductory course teaches practical skills, safety guidelines, techniques, basic principles, and mental aspects of weight training. Over fifty exercises are practiced using a variety of training systems including supersets, drop sets, pyramid sets, negatives, etc. Theoretical and practical principles of physical skill acquisition and goal-setting procedures will be covered.

Physical Activity and Autonomy: Fitness Activities

109-103-MQ | 30 hours
Prerequisite: 109-101 and 109-102

Section 03001 **Thursday 19:00 – 21:00**
Section 03002 **Friday 19:00 – 21:00**

In this course students will participate in a variety of wellness activities designed to improve each student's general fitness level in the areas of cardiovascular endurance, muscular endurance, strength, flexibility and body composition. Principles of training and the development of a personally effective and safe fitness program will be emphasized. In addition to participating in class activities, students will plan and carry out an individualized fitness program outside of class time, within their own personal schedule.

Complémentaire en Éducation Physique - Ensemble I : La performance sportive

109-FWT-DW | 45 hours
No prerequisite

Section 03001 **Tuesday 18:00 – 21:00**

L'objectif de ce cours est de sensibiliser les étudiants aux bases des sciences de l'activité physique. Ce cours explorera une variété de sujets lies a la performance sportive humaine et examinera comment la méthode scientifique est employée lors de la recherche liée a l'étude de la performance sportive. A travers des thématiques comme la physiologie et a la psychologie du sport, la nutrition sportive, les aspects techniques et l'équipement, l'étudiant sera amené a comprendre différents facteurs qui influencent la performance sportive. *This complementary course is taught only in French.*

PHYSICS

The sequence of courses for the new Science program 200.PC is 203-001, 203-SN1, 203-SN2, 203-SN3. The sequence of courses for the old Science program 200.BC is 203-001-RE, 203-NYA-05, 203-NYC-05 and 203-NYB-05. Students with no physics background must take Remedial Activities for Secondary IV Environmental Science and Technology (105-003). See the chart on page 14 of the Continuing Education Information and Registration Guide.

Remedial Activities for Secondary V Physics

203-001-RE | 75 hours
Prerequisite: High School Science 558-404 or 402 or Physical Science 436 or CEGEP 105-003 or equivalent as well as High School Mathematics 564-406 or 565-406 or 564-426 or 565-426 or H.S. Mathematics 436 or 526 or CEGEP Mathematics 201-016 or equivalent
Recommended: High School Mathematics 506 or 536 or CEGEP 201-015 or equivalent

Section 03001 **Tues. & Thurs. 18:00 – 19:30, Tuesday Lab 19:30 – 21:30**
Section 03002 **Mon. & Wed. 18:00 – 19:30, Wednesday Lab 19:30 – 21:30**
Section 03003 **Tues. & Thurs. 18:00 – 19:30, Thursday Lab 19:30 – 21:30**

This course is required for all science students who have either not taken, or have not passed, the High School Physics course 553-504. The content is very close to that of Physics 504 and covers the fundamental principles of classical mechanics and geometrical optics. Topics include: free fall, the effects of forces, friction, work and energy in classical mechanics, as well as reflection, refraction, lenses, and mirrors in geometrical optics. *Text: OpenStax College Physics, Dawson College custom edition, cost $0 (digital).*
Note: This course prepares students for college-level Physics and does not count towards graduation.

Mechanics

203-SN1-RE | 75 hours
Prerequisite: High School Physics 504 or 534 or CEGEP Physics 203-001 or equivalent as well as High School Mathematics 506 or 536 or equivalent e.g., 201-015
Corequisite: Differential Calculus 201-SN2

Section 03001 **Tues. & Thurs. 18:00 – 19:30, Tuesday Lab 19:30 – 21:30**
Section 03002 **Mon. & Wed. 18:00 – 19:30, Wednesday Lab 19:30 – 21:30**

Topics include: kinematics in one and two dimensions, uniform circular motion, Newton's laws, gravitation, friction, work, energy and power, collisions and conservation of momentum, rotational kinematics and dynamics, torque, angular momentum, and moment of inertia. Approximate cost of textbook: $80.

Waves and Modern Physics

203-SN3-RE | 75 hours
Prerequisite: Mechanics 203-SN1 and Differential Calculus 201-SN2
Corequisite: Electricity and Magnetism 203-SN2-RE and Integral Calculus 201-SN3 or Calculus II 201-NYB

Section 03001 Mon. & Wed. 18:00 – 19:30, Monday Lab 19:30 – 21:30

Topics include: simple harmonic motion, mechanical waves (including sound waves), Doppler effect, superposition of waves, electromagnetic waves, quantum mechanics, nuclear physics, thermal radiation and the greenhouse effect. Approximate cost of textbook: $80.

Electricity and Magnetism

203-SN2-RE | 60 hours
Prerequisite: Mechanics 203-SN1 or 203-NYA and Differential Calculus 201-SN2 or Calculus I 201-NYA
Corequisite: Integral Calculus 201-SN3 or Calculus II 201-NYB
Recommended: Waves and Modern Physics 203-SN3 or 203-NYC

Section 03001 Monday 18:00 – 20:00, Wednesday Lab 19:30– 21:30
Section 03002 Tuesday 18:00 – 20:00, Thursday Lab 19:30– 21:30

Topics include: electrostatics, Coulomb's Law, electric field and potential, lines of force and equipotentials, Gauss's Law, capacitors and dielectrics, DC circuits, the magnetic field, the laws of Biot-Savart and Ampère, magnetic force on moving charges and currents, torque on current loop, electromagnetic induction and Faraday's Law, inductance, energy density of electric and magnetic fields. Approximate cost of textbook: $80.

POLITICAL SCIENCE

Introduction to Political Science

385-1N1-DW | 45 hours
No prerequisite

Section 03001 Tuesday 18:30 – 21:30

This course will introduce students to political science as the study of power and governance. Students will learn key political concepts used to explain how decisions are made by and for groups of people. Students will be introduced to the basic institutions of democratic and non-democratic states, to political ideologies, and to governmental and non-governmental actors. Finally, they will reflect critically on a current local and/or global political issue.

PSYCHOLOGY

Introduction to Psychology

350-1N1-DW | 45 hours
No prerequisite

Section 03001 Monday 18:30 – 21:30
Section 03002 Tuesday 18:30 – 21:30
Section 03003 Friday 15:30 – 18:30 {NEW Afternoon Section}

Introduction to Psychology provides an overview of the scientific approach to the study of behaviour. In addition to providing students with a basic understanding of the scientific method, this course is designed to increase one's awareness and understanding of the interaction of factors which influence human behaviour. This course will look at how the methods and concepts of psychology can be applied to real-life situations and provide fundamental concepts on which to build on in future psychology courses.

Psychology: Human Development

350-A07-DW | 45 hours
Prerequisite: Introduction to Psychology 350-1N1

Section 03001 Wednesday 18:30 – 21:30

This course will explore the links among physical, cognitive, social, and emotional development throughout the lifespan. Students will investigate and analyze how these four areas contribute to the final development of the individual. This course will provide the student with the necessary knowledge and skills to be able to analyze how the individual develops from conception until death. *Text: Sandtrock et al. (McGraw Hill)- A Topical Approach to Lifespan Development (Topical Approach)* Approx 80$ OR *Sandtrock et al. (McGraw Hill)- Essentials of Lifespan Development (Chronological Approach)* Approx. 80$

RELIGION

Introduction to Religious Studies: Religions of The World

370-1N1-DW | 45 hours
No prerequisite

Section 03001 **Friday 18:30 – 21:30**

This course introduces students to the major elements of religion. It maps religious diversity by surveying the places and spaces that at least two major religious traditions of the world regard as sacred. It investigates prominent aspects of both personal spirituality and the relationship between religion and society by analyzing selected ritual practices, symbolic representations (in art and decoration), texts, beliefs and social structures. This course will also introduce students to some major theorists of religion and some methods for analyzing selected religious phenomena. Estimated cost of materials: $0-$50

SECONDARY IV SCIENCE

Remedial Activities for Secondary IV Environmental Science and Technology

105-003-RE | 75 hours
Prerequisite: High School Science 555-404 or 555-444 or 557-406 or 557-416 or High School Physical Science 416 or equivalent
Recommended: High School Mathematics 564-406 or 565-406 or 564-426 or 565-426 or H.S. Mathematics 436 or 526 or CEGEP Mathematics 201-016 or equivalent

Section 03001 **Tues. & Thurs. 17:30 – 19:45, Tuesday Lab (5 weeks) 19:00 – 22:00**
Section 03002 **Tues. & Thurs. 17:30 – 19:45, Thursday Lab (5 weeks) 19:00 – 22:00**
Section 03003 **Mon. & Wed. 17:30 – 19:45, Wednesday Lab (5 weeks) 19:00 – 22:00**
Section 03004 **Mon. & Wed. 17:30 – 19:45, Monday Lab (5 weeks) 19:00 – 22:00**
Section 03005 **Tues. & Thurs. 17:30 – 19:45, Tuesday Lab (5 weeks) 19:00 – 22:00**
Section 03006 **Tues. & Thurs. 17:30 – 19:45, Thursday Lab (5 weeks) 19:00 – 22:00 (on reserve)**

This course corresponds to the optional High School course Environmental Science and Technology 558-404. It is designed for students who have not taken the course Environmental Science and Technology (558-404) or Physical Science 436 or 982-003. The course examines genetic principles and continues the study of the behaviour of matter and the transformation of energy. At the end of this course the student will be able to explain the properties of matter and the periodic table, solve problems involving chemical changes and nuclear transformations, solve problems by using the laws of electricity and electromagnetism and the transformation of energy, describe the basic characteristics related to genetics and verify several scientific laws and principles experimentally. *Textbook TBD: $0-$50. Lab Manual: Remedial Activities for Secondary 4 Science provided electronically.*

Note: This course prepares students for 202-001-RE (Remedial Activities for Secondary V Chemistry) and 203-001-RE (Remedial Activities for Secondary V Physics). It can be used as a prerequisite for programs requiring Environmental Science and Technology (558-404). It **CANNOT** be used for the high school Environmental Science and Technology (558-404) or Science of the Environment (558-402) graduation requirements.

SOCIOLOGY

Introduction to Sociology

387-1N1-DW | 45 hours
No prerequisite

Section 03001 **Tuesday 18:30 – 21:30**

This course introduces students to the basic ideas and perspectives of sociological investigation and interpretation. Students will learn how individuals are shaped and social groups are formed through processes of culture, socialization, interpersonal interaction and organizational life. Students are introduced to the major areas of sociological research that will enable them to interpret events, patterns, and issues from a sociological perspective in the context of socially, economically, and culturally diverse society.

SPANISH

Spanish I

607-111-DW | 45 hours
No prerequisite

Section 03001 **Thursday 18:00 – 21:00**

This course is designed for students who have no prior knowledge of Spanish, formal or informal. The course will develop four basic language skills: speaking, writing, listening comprehension, and reading comprehension. It will focus on basic grammatical structures and vocabulary, controlled and spontaneous expression, oral/written assignments, and an introduction to culture. Language learning will be enhanced through the use of various audiovisual media, as well as additional learning activities in the language lab.