# Welcome to Continuing Education

Dawson COLLEGE

# Continuing Education Offerings

*Programs and Profiles*

- Springboard to a DCS (*Tremplin DEC*)
- University Prerequisites
- Social Science and Science DEC Programs

Please note:

- Not all required courses are available through Continuing Education
- All credit courses offered through the above profiles/programs are scheduled in the evening

# Springboard to a DCS (*Tremplin DEC*)

*Transition Profile*

Designed for students who want to take CEGEP credit courses to:

- Explore CEGEP studies
- Study part-time or full-time
- Complete prerequisites required for admission to a CEGEP program
- Upgrade their academic record to improve their chances of admission or readmission to a CEGEP program
- Complete courses that are part of a CEGEP program

**You cannot graduate from Springboard to a DCS (*Tremplin DEC*)**

# University Prerequisites

*Transition Profile*

Designed for students who:

- Already have a DEC or equivalent
- Require courses for admission to a university program

The full list of courses for this profile can be found on page 7 of the Fall 2024 Timetable and Registration Guide

You can be either part-time or full-time in this profile

# Applied to a Day program and were not admitted?

# Possible Reasons

- Missing prerequisite(s)
- Prerequisites completed more than five (5) years ago
- Need to improve academic record
- Strengthen language skills
- Audition, portfolio, or interview not strong enough
- Program highly competitive/limited space

# But what courses should I take?

# Types of Courses

*CEGEP Prerequisites and Upgrading*

Courses you need to be admissible to a CEGEP program or to prepare for certain college-level courses, such as:

- Remedial Activities for Secondary IV Math (201-016-RE)
- Remedial Activities for Secondary V English Language Arts (603-001-RE)
- *Renforcement de français 2* (602-RF2-DW)

Check prerequisites for the program that interests you. You can find them on the Dawson website; attend an Open House event; or ask an Academic Advisor

Please note:

- Remedial courses do not count towards CEGEP graduation

# Types of Courses

*General Education Courses (English, French, Humanities, Physical Education)*

Courses common to all CEGEP programs, such as:

- Introduction to College English, or I.C.E. (603-101-MQ)
- Humanities: Knowledge (345-101-MQ)

English and French placements will be based on your Sec. V grades if you graduated from a Quebec high school or adult education centre within the last three (3) years. Otherwise, you must write placement tests

Please note:

- Not all English and French courses count towards graduation
- General Education courses completed in Continuing Education do not have to be repeated in a CEGEP program

# Placement Tests

*English and French*

- Placement tests will be available online in your MyDawson (Omnivox) portal as of May 14, 2024
- We recommend completing the placement tests as soon as possible to avoid delays when choosing your courses
- **Reminder**: students who passed Sec. V English and French in Quebec within the last three (3) years DO NOT need to do the placement tests. Placement will be based on your Sec. V grades
- For more information on placement tests: https://www.dawsoncollege.qc.ca/registrar/english-french-placement-tests/

# Types of Courses

*Concentration Courses*

Courses that are part of the specific CEGEP program you are hoping to be admitted to, such as:

- Introduction to Global History (330-1N1-DW) for Social Science
- Mechanics (203-NYA-05) for Science

Please note:

- Concentration courses completed in Continuing Education do not have to be repeated in the corresponding CEGEP program

If you are unsure if a course is part of the CEGEP program you hope to apply to, check with an Academic Advisor

# Types of Courses

*University Prerequisites*

Courses you need to be eligible for university programs

- Check the prerequisites you need on the program page of a university’s website and see if they are offered in the Timetable

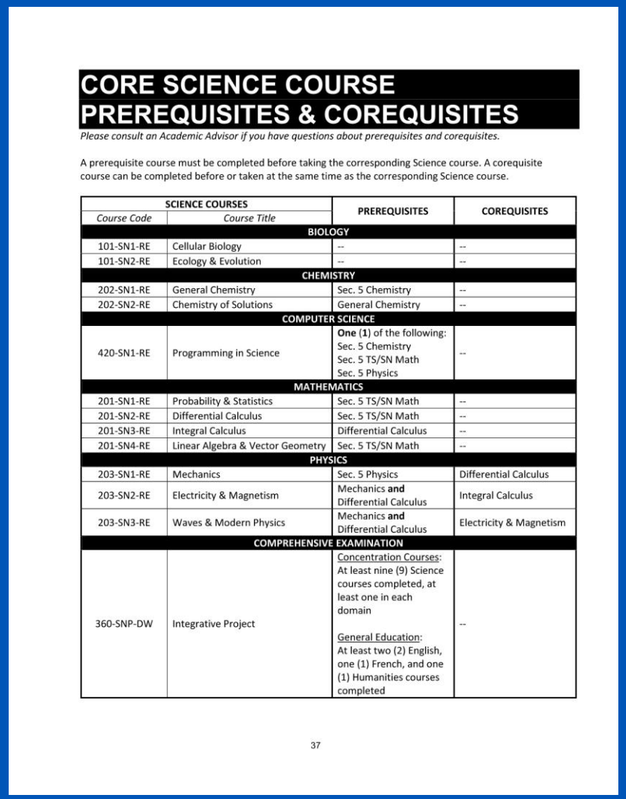
# Tips for selecting Math and Science courses

# Tips for Math and Science Courses

*Course Prerequisites and Corequisites*

Consult the Math/Science flowchart on page 37 of the Timetable

This chart will help you verify the prerequisite(s) and corequisite(s) for each course to help you get started



## CORE SCIENCE COURSE PREREQUISITES & COREQUISITES

*Please consult an Academic Advisor if you have questions about prerequisites and corequisites.*

A prerequisite course must be completed before taking the corresponding Science course. A corequisite course can be completed before or taken at the same time as the corresponding Science course.

| SCIENCE COURSES | | PREREQUISITES | COREQUISITES |
|---|---|---|---|
| *Course Code* | *Course Title* | | |
| **BIOLOGY** | | | |
| 101-SN1-RE | Cellular Biology | -- | -- |
| 101-SN2-RE | Ecology & Evolution | -- | -- |
| **CHEMISTRY** | | | |
| 202-SN1-RE | General Chemistry | Sec. 5 Chemistry | -- |
| 202-SN2-RE | Chemistry of Solutions | General Chemistry | -- |
| **COMPUTER SCIENCE** | | | |
| 420-SN1-RE | Programming in Science | **One (1)** of the following:<br>Sec. 5 Chemistry<br>Sec. 5 TS/SN Math<br>Sec. 5 Physics | -- |
| **MATHEMATICS** | | | |
| 201-SN1-RE | Probability & Statistics | Sec. 5 TS/SN Math | -- |
| 201-SN2-RE | Differential Calculus | Sec. 5 TS/SN Math | -- |
| 201-SN3-RE | Integral Calculus | Differential Calculus | -- |
| 201-SN4-RE | Linear Algebra & Vector Geometry | Sec. 5 TS/SN Math | -- |
| **PHYSICS** | | | |
| 203-SN1-RE | Mechanics | Sec. 5 Physics | Differential Calculus |
| 203-SN2-RE | Electricity & Magnetism | Mechanics **and** Differential Calculus | Integral Calculus |
| 203-SN3-RE | Waves & Modern Physics | Mechanics **and** Differential Calculus | Electricity & Magnetism |
| **COMPREHENSIVE EXAMINATION** | | | |
| 360-SNP-DW | Integrative Project | Concentration Courses:<br>At least nine (9) Science courses completed, at least one in each domain<br><br>General Education:<br>At least two (2) English, one (1) French, and one (1) Humanities courses completed | -- |

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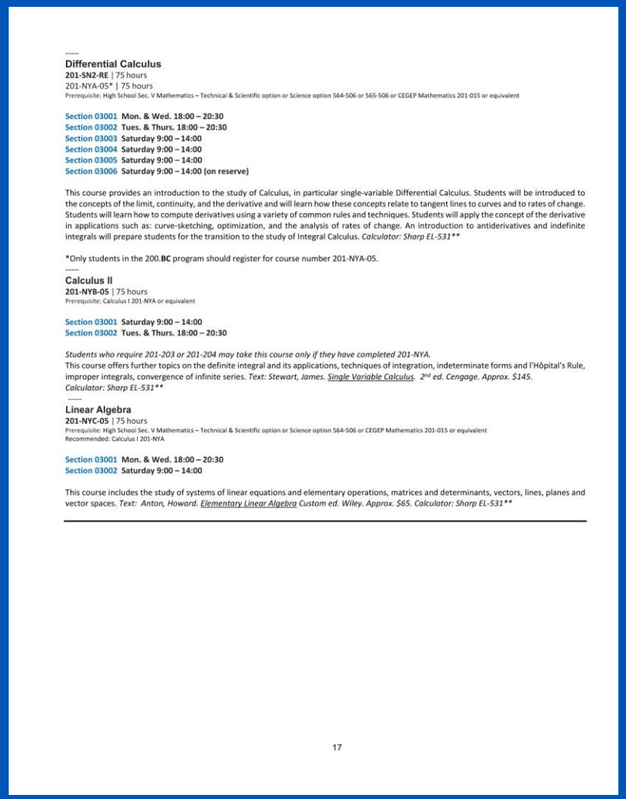
# Tips for Math and Science Courses

*Course Prerequisites and Corequisites*

Check the prerequisite(s) under the course title in the Fall 2024 Credit Course Schedule

You will need to have completed the course prerequisite(s) to register for the course



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**Differential Calculus**
**201-SN2-RE** | 75 hours
201-NYA-05* | 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**
**Section 03005** **Saturday 9:00 – 14:00**
**Section 03006** **Saturday 9:00 – 14:00 (on reserve)**

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. *Calculator: Sharp EL-531***

*Only students in the 200.**BC** program should register for course number 201-NYA-05.

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**Calculus II**
**201-NYB-05** | 75 hours
Prerequisite: Calculus I 201-NYA or equivalent

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

*Students who require 201-203 or 201-204 may take this course only if they have completed 201-NYA.*
This course offers further topics on the definite integral and its applications, techniques of integration, indeterminate forms and l'Hôpital's Rule, improper integrals, convergence of infinite series. *Text: Stewart, James. Single Variable Calculus. 2nd ed. Cengage. Approx. $145. Calculator: Sharp EL-531***

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**Linear Algebra**
**201-NYC-05** | 75 hours
Prerequisite: High School Sec. V Mathematics – Technical & Scientific option or Science option 564-506 or CEGEP Mathematics 201-015 or equivalent
Recommended: Calculus I 201-NYA

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

This course includes the study of systems of linear equations and elementary operations, matrices and determinants, vectors, lines, planes and vector spaces. *Text: Anton, Howard. Elementary Linear Algebra Custom ed. Wiley. Approx. $65. Calculator: Sharp EL-531***

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# Thank you!

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