

AP Courses at Northern SS



Overview of Program

[Link to resource](#)

Bulletin for **AP**® Students and Parents

YOUR GUIDE TO THE AP PROGRAM

INSIDE:

- Test security and administration policies
- Exam fees
- Student checklist
- Getting ready for exam day
- 2020 AP Exam schedule



Advanced Placement

1. Take university level curriculum in conjunction with Ontario Ministry high school curriculum.
2. Exams are administered worldwide in May and scored by university faculty and experienced AP teachers.
3. Advanced standing granted by universities in the U.S. and Canada.
**Each institution has its own policies ([General Resource](#))*
4. Preparation for post-secondary (pace, depth of material, etc.)

2019-2020 AP Courses @ Northern

- Courses at Northern
 - US History
 - European History
 - Calculus
 - English
 - French
 - Computer Science
 - Psychology
 - Human Geography

2019-2020 AP Courses @ Northern

Enrollment

During course selection (Feb)

- **Select course(s) in my blueprint and on paper form**
- **Courses labelled as “AP” or the six digit course code ends with “0”**
- **Open to any student with prerequisite for course**

2019-2020 AP Courses @ Northern

Assessment

Report card grades are calculated based on the Ministry of Education curriculum expectations not the AP material.

70% Coursework

30% Culminating Task/Exam

2019-2020 AP Courses @ Northern

Preparation

Enriched or Prep-AP Courses

- **Select course(s) in my blueprint and on paper form**
- **Courses labelled as “Prep-AP” or the six digit course code ends with “3”**
- **Open to any student with prerequisite for course**

2019-2020 AP Courses @ Northern

Each AP teacher provide enrichment in different methods that may include:

- Supplemental readings/problems
- Differentiated options
- Self-study components
- Projects
- Pace/Depth of material

2019-2020 AP Courses @ Northern

AP EXAMS

Optional

Registration of the exam is not mandatory when enrolled in an AP course

Exams can be taken without an AP course where the student has opted to completely self-study

AP Timeline

Registration

- Create online AP College board account
- Enrol in AP course (code required)

September - November

Accommodations

SSD Form - consent to release information
Student with IEPs

January

Paid Exam Ordered

November

Write Exams

May (First two weeks)

AP EXAMS

- Scored calculated out of 5
(3 indicates a pass, 4 or 5 post-secondary may grant a credit)
- Multiple Choice and Open Response Formats
- Scores released through online AP account

English

ENG4U0

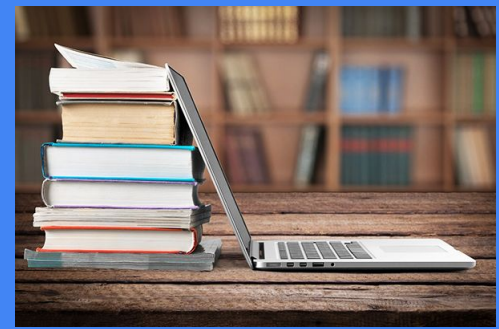
AP Exam:

English Language and Composition

English Literature and Composition



Grade 12 AP English



- Combines Gr.12 Academic/Gifted Curriculum with AP English Language & Composition, and AP Literature & Composition
- There is more content at a higher level
- Syllabus is posted in the summer if students want to read ahead
- Northern's course explores the following units: drama, modern drama, short story and essay, novella, novel, poetry, and film

Course Assessment

- Coursework 70%
- Culminating presentation 10%
- Final exam (written by all Grade 12 Academic, Gifted, and AP students) 20%

The AP Exam

- Optional 3-hour AP English Literature & Composition Exam
- and/or
- Optional 3-hour AP English Language & Composition Exam

Course Assessment

- Coursework 70%
- Culminating oral task 7.5%
- Culminating listening eval 7.5%
- Final exam: reading & writing 15%
(written by all Grade 12 University and AP students)

The AP Exam

- Optional
- Sections of AP Exam:
 - Multiple Choice:
 - ◆ Reading Comprehension
 - ◆ Mixed Reading & Listening Comprehension
 - ◆ Listening Comprehension
 - Open Response (spontaneous responses):
 - ◆ Formal email
 - ◆ Persuasive essay
 - ◆ Oral conversation
 - ◆ Oral cultural comparison

Why Take Advanced Placement English?

- Counts as a Gifted credit
- Helps students develop stronger academic skills for post-secondary study
- Students can explore reading and writing skills in more depth
- Universities acknowledge AP as the highest level English credit
- Provides an edge on university applications
- Saves time and money, since many universities recognize AP English as a 1st year university English transfer credit

French Language & Culture

FSF4U0 - French



Grade 12 AP French

- Combines Gr.12 University Curriculum with AP French Language & Culture.
- Focuses on building a high level of proficiency in all 4 strands: speaking, listening, reading, writing.
- Focuses on discussions of a variety of high-level authentic resources: articles, novels, other works of literature, broadcasts/podcasts/videos of current events and topical global issues.
- Encourages the development of critical thinking, literary and media analysis, Global Competencies and 21st century skills.

Why Take AP French?

- Helps students develop a higher fluency in French and a broader cultural knowledge.
- Improves student confidence in spontaneous use of the language in more advanced discussions and debates.
- Develops students' ability to understand important works of literature that are part of the French canon.
- Many universities recognize AP French as a 1st year university French transfer credit. For universities who do their own French placement tests, past NSS students have been placed directly into 3rd year French courses!
- Counts as a Gifted credit.

Tips to succeed in AP French?

- As there is a cultural component to the exam, students should deepen their knowledge of the broader Francophone community with respect to the AP French themes & sub-themes.
- Students should expose themselves to French outside of the classroom. For instance, they should...
 - Read news articles;
 - Watch news broadcasts, French television, French films;
 - Listen to the radio or podcasts;
 - Journal in French;
 - Find opportunities to interact with others in French.

Calculus

MHF4U3 & MCV4U0 (FUNCLAP)

AP Exam:

Calculus AB

Calculus BC

Why Take AP Calculus?

- Challenge yourself - accelerated pace compared to academic Advanced Functions (start Calculus end of November)
- Learn more than double the Calculus of Academic classes - both branches
- Taking a 1st year university level course in a small class
- Stand out in admissions process – Universities favour hard working students
- Experience University style exam in AP exam
- Should be no impact to the mark you would have received in semestered FunCal other than having to study more material

Advanced Functions

November Report - test, quizzes & assignments count 100%

February Report -test, quizzes & assignments count 70% and final January exam counts 30%

Calculus/Vectors

April Report - tests, quizzes & assign 100%

June Report, tests, quizzes & assign 70%, final June exam 30% (AP exam not part of the final mark)

The AP Exam

The AP exam is in four parts:

Multiple choice without any calculator

Open response with a graphing calculator

Multiple choice with a graphing calculator

Open response without any calculator

Tip to Using your AP Calculus Mark

- AP marks of 4 or 5 may earn you a first year UNI Calculus credit
 - Free up time for studying or a part-time job.
 - Take other courses of interest
- Don't report your AP mark but find first year UNI Calculus easy - marks are higher than most other students. Thus, improve your GPA overall!
- You may find you change majors in UNI and having a 4 or 5 in this exam may allow you skip courses needed to change specialities.

Social Sciences

HHG4M0 - Human Development Throughout the Lifespan
AP Exam - Psychology



AP Psychology

- Combines Ontario Curriculum for Human Development throughout the Lifespan and the AP Psychology Curriculum.
- Introduces students to the systematic and scientific study of human behavior and mental processes.
- Students explore and apply psychological theories, key concepts, and phenomena associated with such topics as the biological bases of behavior, sensation and perception, learning and cognition, motivation, developmental psychology, testing and individual differences, treatments of psychological disorders, and social psychology.
- Students employ psychological research methods, including ethical considerations, as they use the scientific method, evaluate claims and evidence, and effectively communicate ideas

Why Take AP Psychology?

- Students in AP Psychology get a wider understanding of all areas of psychology than would be covered in the regular Human Development course
- Counts as a gifted course
- AP marks of 4 or 5 can earn students a UNI credit of first psychology or an elective course, thereby freeing up more time for studies in other courses

No matter what field you go into, you will need to know how to understand and communicate with people. You will need to know how to deal with all different types of people, and you will need to know why they act the way that they do - this is what AP Psychology teaches you!

Course Framework

COURSE SKILLS *Concept understanding*

(define, explain and apply concepts, theories, behaviours and perspectives), *data analysis* (analyze/interpret quantitative data) and *scientific investigation* (analyze psychological research studies).

COURSE CONTENT The course content is organized into 9 units of study. These units comprise the content and skills that colleges and universities typically expect students to master to qualify for college credit and/or placement.

AP Exam Breakdown

100 Multiple Choice Questions

- Worth 66.7% of exam
- 70 minutes

2 FRQ (Free Response Questions)

- Worth 33.3% of exam
- 50 minutes
 - Question 1: Concept Application (7 points)
 - Question 2: Research Design (7 points)

Former Student Feedback...

“I’m taking PSYC 100 this year at McGill, and so far most of the course has been review... but not review as in “oh that looks familiar” but review as in ‘I actually know what’s going on!’ which is so cool and crazy to me, and that’s all thanks to you and how you taught us in AP last year...I guess last year I didn’t realize just how much you we’re preparing us wannabe psych students for the year ahead. For instance we just started Neuroscience this past Tuesday.... and let me tell ya, I’ve never been so happy to have made a candy neuron in my life!”

(NSS 2018 Graduate currently at McGill University)

“After about half of a semester of taking both psychology and sociology courses in first year, I can confidently say that I would not be able to do any of it without what you taught me last year. My psyc100 course feels like review and last years projects and notes help me through my homework and studying.”

(NSS 2018 Graduate currently at Queen’s University)

Human Geography

CGW4U0 - World Issues



Why take AP World Issues?

- To become a more aware global citizen
- To learn about the patterns and processes that have shaped human understanding, use, and alteration of Earth's surface.

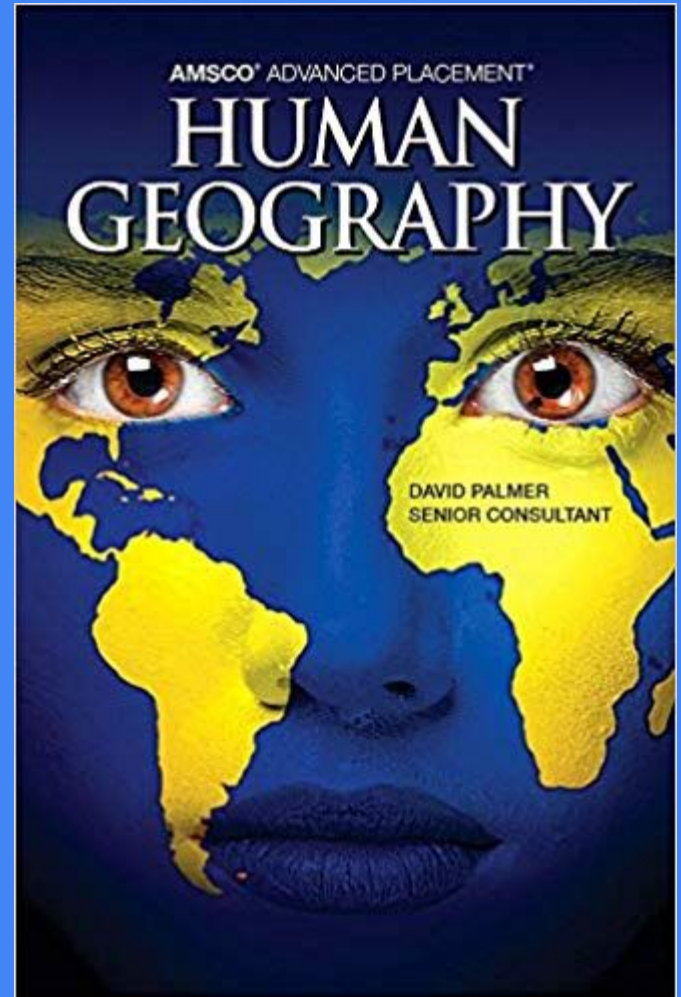


TOPICS

- Human Migration
- Geopolitics including border disputes & international conflicts
- Cities & urban development
- Industrialization & Economic Development
- Agriculture, food production & rural planning issues
- World religions

World Population

<https://www.vox.com/2016/1/12/10756390/gif-population-2100>





Careers

History

CHA3U0 - American History
AP Exam - US History

CHY4U0 - World History Since the 15th Century
AP Exam - European History

Why take AP History?

- Counts as a gifted course
- Allows students to work with like minded peers
- Provides students with a sound understanding of major historical events, philosophy, law, turning points
- Learn historical thinking skills and reasoning processes
- Teaches Keyhole Essay writing techniques (used by UofT)

TIPS

- AP Courses provide students with enrichment opportunities
- Faster paced learning environment
- Online resources allow students to study ahead and prepare for AP exam

Historical Thinking Skills

- Development & Process:
Comparison, Causation
- Analyzing Sources & Situations
- Contextualization
- Making Connections
(Synthesis)
- Argumentation



AP Euro - Units

Unit 1: Renaissance and Exploration c. 1450 – c. 1648

Unit 2: Age of Reformation

Unit 3: Absolutism and Constitutionalism c. 1648 – c.1815

Unit 4: Scientific, Philosophical, and Political Developments

Unit 5: Conflict, Crisis, and Reaction in the Late 18th Century

Unit 6: Industrialization and Its Effects c. 1815 – c. 1914

Unit 7: 19th-Century Perspectives and Political Developments

Unit 8: 20th-Century Global Conflicts c. 1914 – present

Unit 9: Cold War and Contemporary Europe

AP Euro Exam Outline (2019)

Part A: Multiple-choice 55 questions - 40% (55 minutes)

Part B: Short-answer 3 questions - 20% (40 minutes)

Free-response questions:

Document-based 25% 60 minutes (includes a 15-minute reading period)

Long essay 15% (40 minutes)

Computer Science

ICS4U0 - Computer Science

AP Exam - Computer Science A



Why take AP Computer Science?

- The Ontario Computer Science Curriculum has a large overlap with the AP curriculum
- Accelerated pace of AP class allows for extra enrichment and interesting assignments
- Getting university course credit would be a benefit since the course covers all topics from a first year programming course

AP Exam

- 3 hours
- 40 multiple choice questions (50%)
- 4 open response questions
 - Question 1: Methods and Control Structures (12.5%)
 - Question 2: Class (12.5%)
 - Question 3: Array/ArrayList (12.5%)
 - Question 4: 2D Array (12.5%)