

THE GRADE 10 PROGRAM AT NOTRE DAME CATHOLIC HIGH SCHOOL

The Grade 10 Program at Notre Dame

The Grade 10 program is comprised of the following Ministry of Education compulsory and elective courses listed below.

Compulsory Program (Students take 6 compulsory courses and choose 1.0 credits from each section)

1.	English	Academic Applied Locally Developed	ENG 2D ENG 2P ENG2L
2.	Mathematics	Academic Applied Locally Developed	MPM 2D MFM 2P MAT2L
3.	Science	Academic Applied Locally Developed	SNC 2D SNC 2P SNC2L
4.	Canadian History since World War I	Academic Extended French Academic Applied Locally Developed	CHC2D CHC2DF CHC2P CHC2L
Or	Aboriginal Peoples in Canada		NAC2O
5.	Civics (.5 credit) Career Studies (.5 credit) or *Discovering the Workplace – GLD20 will be substituted for students who do not take CHV/GLC2O	Open Open	CHV 20 GLC 20
6.	Religious Education	Open	HRE 2O

Elective Program (Students take 2 courses)

Communications Technology	Open	TGJ 2O
Construction Technology	Open	TCJ 2O
Hospitality & Tourism	Open	TFJ2O
Dramatic Arts	Open	ADA 2O
Music: Repertoire	Open	AMR2O (offered as a 9 th credit after school)
Music	Open	AMU2O
Visual Arts	Open	AVI 2O
Core French (Enriched)	Academic	FSF 2DX
Extended French	Academic	FEF 2D
Health and Physical Education (Boys)	Open	PPL2OB
Health and Physical Education (Girls)	Open	PPL2OG
Personal and Fitness Activities (Co-Ed)	Open	PAF2O

Grade 10 Course Descriptions

For more information about the grade 10 curriculum, visit the Ministry website at:
<http://www.edu.gov.on.ca/eng/curriculum>

THE ARTS



ADA 20 Dramatic Arts (Open)

This course provides opportunities for students to explore dramatic forms, conventions, and techniques. Students will explore a variety of dramatic sources from various cultures and representing a range of genres. Students will use the elements of drama in creating and communicating through dramatic works. Students will assume responsibility for decisions made in the creative and collaborative processes and will reflect on their experiences.

Prerequisite: None

AMR20 Repertoire

This course emphasizes the creation and performance of music at a level consistent with previous experience. Students will develop musical literacy skills by using the creative and critical analysis processes in composition, performance, and a range of reflective and analytical activities. Students will develop their understanding of musical conventions, practices, and terminology and apply the elements of music in a range of activities. They will also explore the function of music in society with reference to the self, communities, and cultures.

Students in this course will be eligible to participate in our major band trip (4-5 days) next May. **Enrollment is conditional upon instructor permission, and a certain level of skill on an instrument, classroom behavior and dedication is required for admission.** *Please note that this course runs outside of the regular timetable, on Tuesday after school. Students enroll in this class through the Music department, and take this course as an 9th additional credit. Please see Mr. Stuart for details.

Prerequisite: None

AMU20 Music

This course emphasizes the creation and performance of music at a level consistent with previous experience. Students will develop musical literacy skills by using the creative and critical analysis processes in composition, performance, and a range of reflective and analytical activities. Students will develop their understanding of musical conventions, practices, and terminology and apply the elements of music in a range of activities. They will also explore the function of music in society with reference to the self, communities, and cultures.

This course is open to students on any band instrument, guitar, or piano (keyboard). Students will learn to play in a wide variety of styles including rock, jazz, pop, and classical. They will also have the opportunity to work in both large and small ensembles, as well as some solo performance. Basic arranging skills will be explored, and students will learn how to use composition software. Each student in this course will complete a major independent study by learning and performing a piece of their choice. At least one trip to the NAC or similar venue will be part of this course. **This course has an optional course enhancement fee depending on the resources students choose. This will be provided by the classroom teacher at the beginning of the course.**

Prerequisite: None

AVI 20 Visual Arts (Open)

This course enables students to develop their skills in producing and presenting art by introducing them to new ideas, materials, and processes for artistic exploration and experimentation. Students will apply the elements and principles of design when exploring the creative process. Students will use the critical analysis process to reflect on and interpret art within a personal, contemporary, and historical context.

Grade 10 Visual Arts students will study drawing, painting, sculpture, printmaking, crafts and design. Students will apply analysis and criticism to historical works of art as well as their own art works. They will study the art of the Middle Ages, Romanesque art, Gothic art and Renaissance art. Projects include charcoal drawings, clay gargoyless and acrylic paintings. **This course has an optional course enhancement fee depending on the resources students choose. This will be provided by the classroom teacher at the beginning of the course.**

“The skills the arts teach, creative thinking, problem solving and risk-taking, and teamwork and communications, are precisely the tools the society and workforce of tomorrow will need.”-Richard Gurin president and CEO of Binney and Smith Inc”.

Prerequisite: None



CANADIAN AND WORLD STUDIES

CHC 2D Canadian History in the Twentieth Century (Academic)

CHC 2DF Histoire du Canada depuis la Première guerre mondiale (Academic- for Extended French students)

This course explores social, economic and political developments and events and their impact on the lives of different groups in Canada since 1914. Students will examine the role of conflict and cooperation in Canadian society, Canada's evolving role within the global community and the impact of various individuals, organizations and events on Canadian identity, citizenship and heritage. They will develop their ability to apply the concepts of historical thinking and the historical inquiry process, including the interpretation and analysis of evidence, when investigating key issues and events in Canadian history since 1914.

Prerequisite CHC2D: None

Prerequisite CHC2DF– Gr. 9 Extended French program

CHC 2P Canadian History in the Twentieth Century (Applied)

This course focuses on the social context of historical developments and events and how they have affected the lives of people in Canada since 1914. Students will explore interactions between various communities in Canada as well as contributions of individuals and groups to Canadian heritage and identity. Students will develop their ability to apply the concepts of historical thinking and the historical inquiry process, including the interpretation and analysis of evidence, when investigating the continuing relevance of historical developments and how they have helped shape communities in present-day Canada.

Prerequisite: None

CHC2L History (Locally Developed)

This course focuses on the connections between the student and key people, events and themes in Canadian contemporary studies. Students prepare for the Grades 11 and 12 Workplace Preparation History courses through the development and extension of historical literacy skills and critical thinking skills.

Students explore a variety of topics highlighting individuals and events that have contributed to the story of Canada. The major themes of Canadian identity, internal and external relationships and changes since 1914, are explored through guided investigation.

Students have the opportunity to extend analytical skills with a focus on identifying and interpreting events and perspectives and making connections. Students practice reading, writing, visual, and oral literacy skills, and mathematical literacy skills to identify and communicate ideas in a variety of forms.

Prerequisite: None

CHV20 Civics (Open) half credit

This course explores rights and responsibilities associated with being an active citizen in a democratic society. Students will explore issues of civic importance such as healthy schools, community planning, environmental responsibility, and the influence of social media, while developing their understanding of the role of civic engagement and of political processes in the local, national, and/or global community. Students will apply the concepts of political thinking and the political inquiry process to investigate, and express informed opinions about, a range of political issues and developments that are both of significance in today's world and of personal interest to them.

This course is paired with GLC20 Careers, also a half credit course.

Prerequisite CHV20: None

NAC20 Aboriginal Peoples in Canada, (Open)

This course emphasizes historical and contemporary issues that affect the relationship between Aboriginal peoples and Canadian governments. Students will examine legal, political, social, and economic issues; key aspects of the Indian Act and its revisions that have an impact on the daily lives of Aboriginal persons; the different types of relationships that Aboriginal peoples have established with other nations throughout history; and the methodology of historical inquiry. **This course counts as the History Compulsory Credit.**

Prerequisite: None



ENGLISH

ENG2D English (Academic)

This course is designed to extend the range of oral communication, reading, writing, and media literacy skills that students need for success in their secondary school academic programs and in their daily lives. Students will analyse literary texts from contemporary and historical periods, interpret and evaluate informational and graphic text, and create oral, written, and media texts in a variety of forms. An important focus will be on the selective use of strategies that contribute to effective communication. This course is intended to prepare students for the compulsory Grade 11 university or college preparation course.

Prerequisite: English, Grade 9, Academic (or Applied with teacher recommendation)

ENG2P English (Applied)

This course is designed to extend the range of oral communication, reading, writing, and media literacy skills that students need for success in secondary school and daily life. Students will study and create a variety of informational, literary, and graphic texts. An important focus will be on the consolidation of strategies and processes that help students interpret texts and communicate clearly and effectively. This course is intended to prepare students for the compulsory Grade 11 college or workplace preparation course.

Students not achieving at an acceptable level in ENG2P, may be recommended for ENG 3E (Workplace English).

Prerequisite: English, Grade 9, Academic or Applied

ENG2L (Locally Developed)

In this course, students focus on extending their literacy and communication skills to prepare for success in their daily lives, in the workplace, in the English Grade 11 Workplace Preparation course.

The course is organized into strands that extend listening and talking skills, reading and reviewing skills, and writing skills. In all strands, the focus is on refining foundational literacy skills and on using language clearly and accurately in a variety of authentic contexts.

Students build on their strategies and engage in the processes involved in talking, listening, reading, viewing, writing, and thinking, and reflect regularly upon their growth in these areas.

Prerequisite: A Grade 9 English Credit



FRENCH

FEF2D Extended French (Academic)

This course emphasizes the continued development and refinement of students' oral communication, reading, and writing skills as they explore a variety of themes. Students will expand their knowledge and appreciation of francophone culture through the study and interpretation of novels, poems, and plays intended for a French-speaking audience. The expectation is that the language of instruction in the classroom is in French. Students must have an appropriate skill level in French to present small oral presentations and participate in conversations in French. Students must also be able to write in complete paragraphs and read a variety of different materials including a novel study.

*A student choosing this course must also choose CHC2DF

Prerequisite: FEF1D

FSF2DX Core French (Enriched)

This course enables students to increase their knowledge of the French language, further develop their language skills, and deepen their understanding and appreciation of francophone culture around the world. Exploring a variety of themes, students will develop and apply critical thinking skills in discussion, in their analysis and interpretation of texts, and in their own writing.

Prerequisite: FSF1DX or FEF1D

GUIDANCE AND CAREER STUDIES

GLC20 Career Studies (Open) half credit

This course teaches students how to develop and achieve personal goals for future learning, work, and community involvement. Students will assess their interests, skills and characteristics and investigate current economic and workplace trends, work opportunities, and ways to search for work. The course explores postsecondary learning and career options, prepares students for managing work and life transitions, and helps students focus on their goals through the development of a career plan.

Notre Dame students will have an opportunity to explore future personal academic and career goals in this course. They will learn effective strategies for achieving success in school and investigate career and post-secondary options. Students will use a variety of software applications to gather relevant career and education information.

This course is paired with CHV2O Civics, also a half credit.

GLC20 Prerequisite: None

GLD20 Discovering the Workplace (Open)

This course provides students with opportunities to discover and develop the workplace essential skills and work habits required to be successfully employed, and helps students make plans for continued learning and work. Students will develop an understanding of work through practical hands-on experiences in the school and in the community, using real workplace materials. Students will investigate occupations of interest through experiential learning opportunities, such as worksite visits, job shadowing, work experience, simulations, and entrepreneurial projects. Enrollment in this course is limited.

This course replaces GLC20 Career Studies & CHV2O Civics

Prerequisite: None



HEALTH AND PHYSICAL EDUCATION

PPL20G (Girls) PPL20B (Boys), PPL20 (co-ed) Healthy Active Living Education (Open)

This course emphasizes regular participation in a variety of enjoyable physical activities that promote lifelong healthy active living. Student learning will include the application of movement principles to refine skills; participation in a variety of activities that enhance personal competence, fitness, and health; examination of issues related to healthy sexuality, healthy eating, substance use and abuse; and the use of informed decision making, conflict resolution, and social skills in making personal choices.

Notre Dame students will be given the opportunity to participate in a variety of team and individual sports. Emphasis will be placed upon participation, cooperation, sportsmanship and fair play. Students will focus on improving sport specific skills, develop a solid comprehension of the rules of the game, and proper care, set-up and maintenance of equipment. Students may have the opportunity to participate in swimming, weight training, beach volleyball, and self-defense.

Prerequisite: None

PAF20, Personal and Fitness Activities (Open)

This co-ed course focuses on the development of a healthy lifestyle and participation in a variety of enjoyable physical activities that have the potential to engage students' interest in activity and recreation throughout their lives. Students will be encouraged to develop personal competence in a variety of movement skills and will be given opportunities to practice goal-setting, decision-making, social, and interpersonal skills. Students will participate in a variety of group and individual activities to promote healthy and active living throughout ones lives.

This course takes a personal approach to fitness, recreation, and safety focusing on individual fitness goals and activities. Some examples include cycling or rollerblading, fitness and weight training, canoeing, tennis, golf, bowling, curling, bocce ball and croquet. Students will also gain a better understanding of how body fat, body type, cardiovascular endurance, healthy weight management, and the elements of fitness are related to ones' overall health. Healthy eating, menu planning, and food preparation are also essential part of health for life.

This course has an optional course enhancement fee depending on the resources students choose. This will be provided by the classroom teacher at the beginning of the course.

Prerequisite: None

MATHEMATICS



MPM2D Mathematics (Academic)

This course enables students to broaden their understanding of relationships, and extend their problem-solving and algebraic skills through investigations, the effective use of technology, and abstract reasoning. Students will explore quadratic relationships and their applications; solve and apply linear systems; verify properties of geometric figures using analytic geometry; and investigate the trigonometry of right and acute triangles. Students will reason mathematically as they solve problems and communicate their thinking.

Students at Notre Dame have opportunities for enriching their Math experience by receiving extra support or extending their learning by participating in the University of Waterloo Math Contest. Access to the computer lab and technology will give students the opportunity to enrich the course and visualize the concepts in a unique manner.

Prerequisite: Mathematics, Grade 9, Academic

MFM2P Mathematics (Applied)

This course enables students to consolidate their understanding of relationships and algebraic skills through investigation, the effective use of technology, and hands-on activities. Students will develop and graph equations in analytic geometry; solve and apply linear systems using real-life examples; and explore and interpret graphs of quadratic relationships. Students will investigate similar triangles, the trigonometry of right-angle triangles, and the measurement of three-dimensional objects. Students will consolidate their mathematical skills as they solve problems and communicate their thinking.

Students at Notre Dame have opportunities for enriching their Math experience by receiving extra support. Access to the computer lab and technology will allow students time to apply concepts taught in the classroom.

Prerequisite: Mathematics, Grade 9, Academic or Applied

MAT2L Mathematics (Locally Developed)

This course emphasizes the extension of mathematical knowledge and skills to prepare students for success in their everyday lives, in the workplace, and in the Grade 11 Mathematics Workplace Preparation course.

The course is organized in three strands related to money sense, measurement, and proportional reasoning. In all strands, the focus is on strengthening and extending key foundational mathematical concepts and skills by solving authentic, everyday problems.

Students have opportunities to extend their mathematical literacy and problem-solving skills and to continue developing their skills in reading, writing, and oral language through relevant and practical math activities.

This course may be delivered as an On-line course supported by a classroom teacher.

Prerequisite: A Grade 9 Mathematics credit



RELIGIOUS EDUCATION

HRE20 Religious Education “Christ and Culture” (Open)

This course both invites and challenges the student to personalize the principles that guide Catholics in understanding their role in shaping culture through our discipleship. The exploration of these principles starts with the Scriptural foundations to the questions of what it means to be human and how God has and continues to shape our humanity through culture. The principles are then developed through the Gospel themes that reveal how Jesus’ Kingdom of God is expressed in all our relationships: to ourselves, to others, to our civil society, to our Church, and to our Global community. In the Family Life Education strand, students explore a variety of topics related to the themes of personhood, interpersonal relationships and sexuality.

This course offers students unique opportunities to explore real life situations and apply their beliefs and values in a concrete fashion. In developing a personal moral ethic, students will prepare themselves to meet the challenges and dilemmas of daily life. Curriculum will incorporate elements of art, drama, music and media. All grade 10 students will participate in Religious Education experiences such as liturgies and guided reflections.

Prerequisite: None

SCIENCE

SNC2D Science (Academic)

This course enables students to enhance their understanding of concepts in biology, chemistry, earth and space science, and physics, and of the interrelationships between science, technology, society, and the environment. Students are also given opportunities to further develop their scientific investigation skills. Students will plan and conduct investigations and develop their understanding of scientific theories related to the connections between cells and systems in animals and plants; chemical reactions, with a particular focus on acid-base reactions; forces that affect climate and climate change; and the interaction of light and matter.

Prerequisite: Science, Grade 9, Academic (or Applied with teacher recommendation)

SNC2P Science (Applied)

This course enables students to develop a deeper understanding of concepts in biology, chemistry, earth and space science, and physics, and to apply their knowledge of science in real-world situations. Students are given opportunities to develop further practical skills in scientific investigation. Students will plan and conduct investigations into everyday problems and issues related to human cells and body systems; chemical reactions, factors affecting climate change; and the interaction of light and matter.

Prerequisite: Science, Grade 9, Academic or Applied

SNC2L Science (Locally Developed)

This course emphasizes reinforcing and strengthening science-related knowledge and skills, including scientific inquiry, critical thinking, and the environmental impact of science and technology, to prepare students for success in everyday life, in the workplace, and in the Science Grade 11 Workplace Preparation course.

Students explore a range of topics, including science in the media, interactions of common materials, interdependence of organisms in communities, and using electrical energy.

Students have the opportunity to extend mathematical and scientific process skills and to continue developing their skills in reading, writing, and oral language through relevant and practical science activities.

Prerequisite: None



TECHNOLOGICAL EDUCATION

TGJ 20 Communications Technology (Open)

This course introduces students to concepts and skills in communications technology, which encompasses television/video and movie production, radio and audio production, print and graphic communications, photography, and animation. Student projects may include computer-based activities such as creating videos, editing photos, working with audio, cartooning, developing animations and designing web pages. Students will also develop an awareness of environmental and societal issues related to communications technology and explore secondary and postsecondary education and training pathways and career opportunities in the various communications technology fields.

Prerequisite: None

TCJ 20 Construction Technology (Open)

This course introduces students to building materials and processes through opportunities to design and build various constructions projects. Students will learn to create and read working drawings; become familiar with common construction materials, components and processes; and perform a variety of fabrication, assembly and finishing operations. They will use a variety of hand and power tools and apply knowledge of imperial and metric systems of measurement, as appropriate. Students will develop an awareness of environmental and societal issues related to construction technology, and will explore secondary and postsecondary pathways leading to careers in the industry.

Prerequisite: None

TFJ20 Hospitality and Tourism (Open)

This course provides students with opportunities to explore different areas of hospitality and tourism, as reflected in the various sectors of the tourism industry, with an emphasis on food service. Students will study culinary techniques of food handling and preparation, health and safety standards, the use of tools and equipment, the origins of foods, and event planning, and will learn about tourism attractions across Ontario. Students will develop an awareness of related environmental and societal issues and will explore secondary and postsecondary pathways leading to careers in the tourism industry.

This course has an optional course enhancement fee depending on the resources students choose. This will be provided by the classroom teacher at the beginning of the course.

Prerequisite: None

NOTRE DAME CATHOLIC HIGH SCHOOL – Grade 11 and 12 Courses				
Subject Area	Grade 11		Grade 12	
The Arts	Drama – Open Drama – University/College Music – Open Music – University/College Visual Arts – Open Visual Arts – University/College Band (afterschool) - Open	ADA3O ADA3M AMU3O AMU3M AVI3O AVI3M AMR3O	Drama – Workplace Drama – University/College Music – University/College Visual Arts – Workplace Visual Arts – University/College Band (afterschool) – University/College	ADA4E ADA4M AMU4M AVI4E AVI4M AMR4M
Business Studies	Marketing: Goods, Services, Events – College Information Technology – Open	BMI3C BTA3O	International Business Advanced – University/College Information & Communication – College	BBB4M BTX4C
Canadian and World Studies	World History to the 16 th Century – University/College Geography: Travel and Tourism – Open Understanding Canadian Law – University/College Geography of the Americas – University/College	CHW3M CGG3O CLU3M CGD3M	Canadian and World Issues - University World History since the 16 th Century – University World History since the 16 th Century – College Indigenous Peoples in Global Context – University/College Canadian & International Law – University	CGW4U CHY4U CHY4C NDW4M CLN4U
English	English – University English – College English – Workplace	ENG3U ENG3C ENG3E	English – University English - College English – Workplace Writer’s Craft – University Writer’s Craft – College	ENG4U ENG4C ENG4E EWC4U EWC4C
French as a Second Language	Extended French – University Core French, enriched - University	FEF3U FSF3UX	Extended French – University Core French, enriched – University	FEF4U FSF4UX
Co-operative Education	Co-operative Education - Open	COP3X	Co-operative Education – Open	COP4X
Health and Physical Education	Healthy Active Living (co-ed) – Open Personal & Fitness Activities (co-ed) – Open Fit for Life (girls) – Open	PPL3O PAF3O PAF3OG	Introductory Kinesiology – University Healthy Active Living (co-ed) – Open Personal & Fitness Activities (Co-ed) – Open Fit for Life (girls) – Open	PSK4U PPL4O PAF4O PAF4OG
Mathematics	Functions - University Functions and Applications – University/College Foundations for College Mathematics - College Mathematics for Work and Everyday Life – Workplace	MCR3U MCF3M MBF3C MEL3E	Calculus and Vectors – University Advanced Functions – University Mathematics of Data management – University Foundations for College Mathematics – College Mathematics for Work and Everyday Life – Workplace	MCV4U MHF4U MDM4U MAP4C MEL4E
Religious Studies	World Religions – University/College World Religions – Extended French World Religions – Open	HRT3M HRT3MF HRF3O	Religion: In Search of the Good – University/College Religion: Church and Culture – Open	HRE4M HRE4O
Science	Biology – University Biology – College Chemistry – University Physics - University Environmental Science – University/College Environmental Science – Workplace	SBI3U SBI3C SCH3U SPH3U SVN3M SVN3E	Biology – University Chemistry - University Chemistry – College Physics – University Earth & Space Science – University	SBI4U SCH4U SCH4C SPH4U SES4U
Social Sciences and Humanities	Introduction to Anthropology, Psychology and Sociology – University Introduction to Anthropology, Psychology and Sociology – College Living and Working with Children - College	HSP3U HSP3C HPW3C	Challenge and Change in Society – University Philosophy: Questions & Theories – University Adolescent Behaviour & Development – College Police Foundations and Criminology – Open	HSB4U HZT4U HPD4C IDC4OP
Technological Education	Introduction to Computer Science – University Introduction to Computer Programming – College Construction Technology: House Building – College Hospitality & Tourism – College Communications Technology – University/College Communications Technology – Open Health Care – University/College	ICS3U ICS3C TCJ3C TFJ3C TGJ3M TGJ3O TPJ3M	Computer Science – University Computer Programming – College Construction Technology: House Building – College Hospitality & Tourism – College Communications Technology – University/College Communications Technology – Open	ICS4U ICS4C TCJ4C TFJ4C TGJ4M TGJ4O

For descriptions and prerequisites, visit www.edu.gov.on.ca/eng/curriculum/secondary/subjects.html