



# 2017-2018 COURSE DESCRIPTION GUIDE

De La Salle College "Oaklands"  
'Enter to Learn. Leave to Serve.'



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## INTRODUCTION

In the latter half of the seventeenth century, a young French priest gathered a group of dedicated laymen and founded a religious order which would eventually establish houses and schools in most countries of the world. This man was St. John Baptist de La Salle and the religious order is known today as the Brothers of the Christian Schools. St. La Salle was an innovator. In a time when teaching was done on a one-to-one basis, he introduced the classroom method; when teaching in Latin, he insisted on the use of the vernacular; when education was the right of only the privileged class, St. La Salle directed his efforts towards those who had no opportunity of an education.

De La Salle College “Oaklands”, under the direction of the Brothers of the Christian Schools, tries to maintain the ideals of innovation established by St. John Baptist de La Salle. From its inception in 1851, the school has moved through many phases and several locations. Its present site at Farnham Avenue and Avenue Road was established in 1931 and after several years in makeshift buildings, the present school was completed in 1949.

The De La Salle Arena was erected in 1967. In 1988 His Eminence, the late Cardinal Emmett Carter opened the De La Salle Centre. The newest building, De La Salle Hall was officially dedicated in September 2005.

## PHILOSOPHY, AIMS & OBJECTIVES

Since its beginnings the aims of De La Salle College have been to educate young people in a truly Christian atmosphere, to develop a sense of proper moral and religious values through its religious courses and liturgies, to prepare its students for their careers through its academic programme and to offer an opportunity for physical and artistic growth in its athletic and artistic activities and to provide community service experience

to foster faith development. Such principles will produce Christian men and women who will truly contribute to the community of the school now, and to transfer these values to society at large in the future.

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# ACADEMIC COUNSELLING & SUPPORT

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# ACADEMIC SUPPORT

The College believes and subscribes to the idea that all students can be successful. However, success is not to be found solely in the grade – learning, being independent, and coping with the demands of an academic programme is critical to the development of any child. When a student enrolls at De La Salle, he/she accepts the demands of the academic environment offered and appreciates the purpose of the school’s programming. The experience at De La Salle is meant to assist students in discovering who they are, what they believe in, and realize their potential.

The school does not provide any modification, adaptation, or individualized programming. Specifically, the school will not alter the number, essence, and content of the curricular outcomes that a student is expected to meet. Second, the school expects all students to participate fully in all aspects of the programme. Finally, the College will not change the teaching process, materials, assignments or student products to assist a student in achieving the expected learning outcomes.

However, there are occasions when the Principal(s) of the College may choose to make reasonable accommodations. After consultation with the Student Services department and consideration of pertinent information, the Principal(s) will use his/her discretion in order to determine whether or not those accommodations are in the best interests of the student. Accommodations such as extra time to complete tests/exams or the use of a laptop during class can only be sanctioned with the permission of the Principal(s). Ultimately, any accommodations determined by the College is intended to ensure that the student will be independent, responsible, and successful. Furthermore, the College, through its Academic Support Programme or Monitoring, emphasizes the development of skills critical to their success. The skills learned will assist students to achieve success in secondary school and beyond.

# STUDENT SERVICES & COUNSELLING

The Student Services Department may be contacted at any time if parents/guardians require information regarding the progress of their daughter or son. The following services are offered to students and their parents/guardians:

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## COUNSELLING

Individual counselling concerning a student's academic potential, social development, or personal difficulties is available. Group counselling is also used when a common concern or interest makes sharing of information and ideas a worthwhile experience.

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## EDUCATION OR VOCATION INFORMATION

Education or vocation information is available through: interviews, classroom/group instruction, the Grade 10 Guidance and Career Education course, Student Services Office, university visits and school advisors, assistance with resources for achieving the Duke of Edinburgh's Award.

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## DEPARTMENT ASSISTANCE

Students will receive assistance related to the completion of: university and college applications; job interviews; résumés; reference letters; summer and part-time employment; transfers to other schools; record-keeping (OSRs, transcripts,

reports); personal counselling; and educational planning.

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## PROGRAMME PLANNING

The College is committed to assisting students in choosing courses that meet the requirements for an Ontario Secondary School Diploma. Furthermore, the Student Services Office provides direction when choosing courses that relate to university prerequisites.

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## CONSULTATION AND FOLLOW-UP

Guidance counsellors regularly liaise with the administration, faculty, and parents regarding issues related to students' psycho-social and educational status/progress and well-being.

# ACADEMIC POLICIES & PROCEDURES

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## COURSE SELECTION & CHANGES

De La Salle College “Oaklands” has prepared this course description brochure to familiarize students and parents/guardians with the courses offered for the next academic year. Students are asked to choose their courses carefully. The student and parent/guardian signatures on the Registration Form represent a firm commitment that the course selections have been discussed and that the proper courses have been selected for future studies. After the course requests and verifications are completed, all course selections are considered final. **Requests for course changes**

**(additions or deletions) are discouraged.**

Timetable changes will be made for the following reasons:

- Cancellation of a course
- Failure in June
- Timetable conflict
- Success at summer school

**De La Salle also reserves the right to cancel undersubscribed programmes.**

## EXTERNAL CREDIT GUIDELINES

In order to ensure De La Salle’s commitment to providing students a strong academic programme, while offering continuity, students shall not take credit courses offered at De La Salle College through other credit granting organizations. Any student who takes an external credit without the authorization of the Principal will jeopardize their standing at the College.

# ACADEMIC RESPONSIBILITIES

Students having chosen De La Salle College as their school of choice and have expressed their willingness to live and abide by the rules of the academic community. Such regulations are meant to ensure a quality academic environment and a “human” place for personal interaction. The true success of our school community is founded on the principles of self-control and self-discipline exercised by all its members, students and faculty alike. The following regulations have been initiated to help achieve self-discipline and to maintain the proper climate for learning.

- Students will not be allowed to take new credit courses outside the College, unless it is a subject not offered at De La Salle. The approval of the principal must be obtained before registering for any outside courses.
- Students shall possess at all times the required text-books, notebooks, workbooks, pens, pencils and other required tools for learning.
- Diligent attention shall be paid to the teacher and the lesson.
- Assigned work shall be submitted promptly at the time specified by the teacher. After an absence from school, students shall consult with their teachers regarding assignments and tests missed.
- Plagiarism and all forms of academic dishonesty may meet with the immediate expulsion of a student at the sole discretion of the principal.
- Students shall observe the classroom rules for good order established by the individual teachers.
- Students shall keep classrooms neat and orderly.
- As responsible individuals, students shall avoid any speech, conduct or expression that may tend to create disorder in the classroom, interrupt the lesson, distract or annoy the teacher or annoy other members of the class.
- Registration for next year will be reviewed for current students who fail two or more courses, or whose final overall average falls below an acceptable level (approximately 65%).

**Note:** Further to the academic responsibilities, students should follow the Code of Student Conduct as outlined in the student agenda.

## EVALUATION

De La Salle College conducts a two-term academic programme with three reporting sessions. There are two formal examination periods: one in January and one in June. All formative evaluation comprises 70 percent of a student's final mark. Part of the formative evaluation will include the February exam. Final examinations in June will account for 30 percent of the grade.

A similar evaluation is in place for the intermediate and junior level grades.

## REPORTING STUDENT ACHIEVEMENT

**Grades 5-12 report cards will be sent home three times during each school year and filed in each student's OSR folder:**

TERM 1

*REPORTING SESSION I (MID-TERM)* - no later than the second week in November.

*REPORTING SESSION II (TERM I FINAL)* - no later than the second week in February.

TERM 2

*REPORTING SESSION IV (TERM II FINAL)* - no later than the first week of July.

**In addition, Grades 5-9 will receive anecdotal reports for their core subjects twice a year that will not be filed in their OSR folder:**

TERM 1

*REPORTING SESSION 1 (FALL)* - no later than the second week in October

TERM 2

*REPORTING SESSION III (SPRING)* - no later than the second week in April

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# DEFINITIONS

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## THE REQUIREMENTS FOR THE OSSD

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In order to earn an Ontario Secondary School Diploma (OSSD), a student entering Grade 9 in the 1999-2000 school year or in subsequent years must earn a minimum of 30 credits. Students must also complete 40 hours of community involvement activities and must pass the provincial secondary school literacy test (OSSLT).

The combination of compulsory and optional courses is designed to provide all students with the essential knowledge and skills they will need to function effectively in any area of activity, as well as the opportunities to acquire the specialized knowledge and skills they will need to succeed in their chosen postsecondary endeavours.

**Four-Year Programme:** At De La Salle College, subjects will be selected from Academic Courses and from Open Courses.

### Academic Courses (D)

Academic courses focus on the essential concepts of the discipline plus additional related concepts. Academic courses develop a student's knowledge and skills by emphasizing theoretical, abstract applications of the essential concepts while incorporating practical applications, as appropriate.

### Open Courses (O)

Open courses in Grades Nine, Ten and Eleven are courses for all subjects other than those offered

as academic. An open course in a subject has one set of expectations for that subject at the Grade Nine, Ten and Eleven levels and is appropriate for all students. These courses are designed to provide students with a broad educational base that will prepare them for their future studies and help prepare them for their role in society.

### University/College Preparation (M)

These courses are designed to equip students with the knowledge and skills they need to meet the entrance requirements for specific programmes offered at both universities and colleges.

### University Preparation (U)

These courses are designed to provide students with the knowledge and skills they need to meet the entrance requirements for university programmes.

**Credit:** a means of recognition of the successful completion of a course for which a minimum of 110 hours has been scheduled. A credit is granted to a student by the principal of a secondary school on behalf of the Ministry.

**Compulsory courses:** the academic curriculum consists of the compulsory courses that are prescribed by the Ministry of Education.

**Compulsory credit:** a credit that is earned for the successful completion of the expectations related to a compulsory course.

**Optional credit:** a credit that is earned for the successful completion of an optional course. Optional courses are those selected by a student from available courses other than his or her compulsory courses.

**Mandatory:** courses mandated by the College and are, therefore, not optional.

**Prerequisite course:** a course that is deemed absolutely essential for the successful understanding and completion of a subsequent course. Prerequisite courses are established only by Ministry curriculum policy documents.

**Ontario Student Transcript (OST):** As of September 2010, the following information is recorded on the OST:

- all Grade 9 and 10 courses successfully completed by the student, with percentage grades obtained and credits earned;
- all Grade 11 and 12 courses completed or attempted by the student, with percentage grades obtained and credits earned;
- all equivalent credits granted through the Prior Learning Assessment and Recognition (PLAR) equivalency process under OSS or through the equivalency process under OSIS;
- all Grade 10 courses for which the student successfully challenged for credit through the PLAR challenge process, with percentage grades obtained and credits earned;
- all Grade 11 and 12 courses for which the student successfully or unsuccessfully challenged for credit through the PLAR challenge process, with percentage grades obtained and credits earned;
- identification of compulsory credits, including credits that are substitutions for compulsory credits identified by the ministry as diploma requirements; confirmation that the student has completed the forty hours of community involvement;
- confirmation that the student has successfully completed the provincial secondary school literacy requirement;
- granting of diploma or certificate and issue date;
- **withdrawal from a course** - For students in Grades Nine and Ten, courses are not recorded on the OST. For students in Grades Eleven and Twelve, courses are recorded if withdrawal takes place five instructional days following the issue of the first report card. The student's percentage grade at the time of withdrawal is recorded;
- **repetition of a course** - Each attempt will be recorded for Grades Eleven and Twelve courses showing the percentage grade obtained but only one credit will be granted.

**Ontario Student Record (OSR):** The official record for a student. Every Ontario school keeps an OSR for each student. The OSR contains achievement results, credits earned and diploma requirements completed, and other information important to the education of the student. Students and their parents (if the student is not an adult) may examine the contents of the OSR. These records are protected by the Education Act and freedom of information legislation.

## JUNIOR SCHOOL CURRICULUM

The Junior School has a focus on exploration to provide students with a stimulating challenge and opportunity to develop new skills and experiences.

The curriculum focuses on:

- Leadership Skills
- Self-Discipline
- Respect
- Physical Fitness and Health
- Environmental Stewardship
- Student experiences to create leadership growth

## REACH-AHEAD PROGRAMME

All students in grades 5-8 at De La Salle College have an opportunity to participate in “Reach-Ahead” programme. Students are learning curriculum one year ahead of their grade level in math-

ematics and English. The enriching programme engages students as it broadens the variety of courses they will successfully complete as part of a well-balanced liberal arts programme.

## ADVANCED PLACEMENT

### **What is the Advanced Placement Programme?**

The Advanced Placement Programme consists of 37 university-level courses and exams in 19 disciplines designed for highly motivated students in secondary schools. Its exceptional reputation is made possible by the close co-operation of secondary schools, colleges, universities and the College Board. More than 2,900 universities and colleges worldwide grant credit, advanced place-

ment, or both to students who have performed satisfactorily on the exams and approximately 1,400 institutions grant second year or sophomore standing to students who have demonstrated their competence in three or more of these exams. Each course is developed by a committee made up of college faculty and AP teachers.

Members of these Development Committees are appointed by the College Board and serve for overlapping terms of up to four years.

All Canadian universities, including those chosen by De La Salle graduates are accepting advanced placement grades.

**Who is eligible to take Advanced Placement courses?**

Students in Grades Eleven and Twelve are eligible to enrol in an AP course upon recommendation of the Student Services Department of the College and the approval of the principal. Students must have the appropriate prerequisites and have achieved a minimum average of 80% while maintaining a minimum mark of 80% in the subject area.

**What is the cost?**

The cost to write an Advanced Placement examination is \$150.00, \$275 if writing two AP examinations and \$125 per exam when registering for 3 or more AP examinations.

**What AP courses are offered at De La Salle?**

Although not mandatory, the following advanced placement exams may be options for the academic year 2016-2017:

- |                     |                    |
|---------------------|--------------------|
| AP Biology          | AP History         |
| AP Studio Art       | AP Macro Economics |
| AP Calculus         | AP Micro Economics |
| AP Chemistry        | AP Physics I       |
| AP Computer Studies | AP Physics II      |
| AP English          | AP Statistics      |
| AP French           |                    |
| AP Geography        |                    |

**If a student writes the AP exam, do they need to write the FINAL EXAM?**

Any student who writes the AP exam will be exempt from the subject area’s final exam. Each teacher will determine the appropriate substitution to compensate the 30% weight of the final exam.

**How does a student apply?**

Students will be given an opportunity after mid-term exams to opt for the AP examination.

# AP INTERNATIONAL DIPLOMA FOR OVERSEAS STUDY

The Advanced Placement International Diploma for Overseas Study (APID) certifies the achievement of successful AP candidates and is designed for students whose higher education plans include the prospect of enrolling in a University outside the U.S. or Canada.

To qualify for the APID, you must earn AP grades of 3 or higher on AP Exams for four or more full-year courses (or the equivalent number of half-year courses) during your high school career, encompassing three of the five academic areas below. You must take a total of two exams in two different languages from Area I, one exam from Area II or Area III, and one or more exams from any other area not already selected.

- Area I: Languages - English Language, English Literature, French Language, French Literature, German Language, International English Language, Latin-Vergil, Latin Literature, Spanish Language, Spanish Literature.
- Area II: Science - Biology, Chemistry, Environmental Science, Physics B, Physics C-Mechanics, Physics C-Electricity and Magnetism.
- Area III: Mathematics - Calculus AB, Calculus BC, Statistics
- Area IV: History and Social Sciences - Comparative Government & Politics, U.S. Government & Politics, European History, Human Geography, U.S. History, World History, Microeconomics, Macroeconomics, Psychology
- Area V: Art History, Computer Science A, Computer Science AB, Music Theory, Studio Art-Drawing, Studio Art-General

# DIPLOMA REQUIREMENTS

## The Ontario Secondary School Diploma (OSSD)

Students must earn the following compulsory credits in order to obtain the Ontario Secondary School Diploma:

### Compulsory Credits (total of 18):

- 4 credits in English (1 credit per grade)
- 1 credit in French as a second language
- 3 credits in mathematics (at least 1 credit in Gr. 11 or 12)
- 2 credits in science
- 1 credit in Canadian history
- 1 credit in Canadian geography
- 1 credit in the arts
- 1 credit in health and physical education
- .5 credit in civics
- .5 credit in career studies

Plus one credit from each of the following groups:

Group 1: 1 additional credit in English, or French as a second language, or a Native language, or a classical or an international language or social sciences and the humanities, or Canadian and world studies or guidance and career education, or co-operative education

Group 2: 1 additional credit in health and physical education, or the arts or business studies, or French as a second language or co-operative education

Group 3: 1 additional credit in science (Grade 11

or 12) or technological education, or French as a second language, or computer studies or co-operative education

Note: A maximum of two of the three additional compulsory requirements for Groups 1, 2 and 3 may be met with credits in French as a second language, one of which may be earned for Group 1 and the second for either Group 2 or Group 3

While the principal may recommend that students take certain courses in addition to the required subjects, they may not identify additional subjects or courses as compulsory requirements towards the earning of the secondary school diploma.

### *Optional Credits (total of 12)*

In addition to the 18 compulsory credits, students must earn 12 optional credits. Students may earn these credits successfully completing courses that they have selected from the courses listed as available in the school course calendar.

### Community Involvement Activities

As part of the diploma requirements, students must complete a minimum of 40 hours community involvement activities. These activities may be completed at any time during their years in the secondary school programme. In addition to

diploma requirements, De La Salle College has expectations above and beyond Ministry requirements.

As a Christian School, service is essential. Jesus defined love as a service to others. The episode of Jesus washing the feet of the disciples is very clear to us. We are called to become servants to others. If we claim to be a Catholic school, this must be a primary focus of our educative goals.

Our lives as Christians are defined by how we serve each other. The early Christian communities in the pagan Roman Empire received comments such as, “look at how they love one another”. Although Christianity is not persecuted in the same fashion as it was 2000 years ago, Christianity is still defined by that same criteria. Can others witness our attitudes and actions and say, “look at how they love one another”?

The community involvement requirement is designed to encourage students to develop awareness and understanding of civic responsibility and of the role they can play in supporting and strengthening their communities. The requirement will benefit communities, but its primary purpose is to contribute to students’ development. It will provide opportunities for students to learn about the contributions they can make to the community.

At De La Salle College “Oaklands” the community service programme, which was instituted before it was mandated by the Ministry of Education, requires students to complete 20 hours of community service in Grade 9 and 20 hours of community service in Grade 10. In Grades 11 and 12, students are assigned a placement at a local social service agency. The community service component will complement the religion programme. Students who fail to complete the community service component of the religion programme will have their final grade reviewed.

### Religious Education

Each student is required, as part of the Religious Education Curriculum at De La Salle, to participate in a one-day retreat. These retreats occur throughout the year, and at various locations. The purpose of the retreat is to take a step back from our hectic schedules and give God an opportunity to speak to us. Our retreats can and do involve group activities, quiet reflection, discussion, and Celebration of the Eucharist. Students will be informed as to when they are scheduled for retreat.

### The Provincial Secondary School Literacy Test

All students must meet the literacy graduation requirement by successfully completing the Ontario Secondary School Literacy Test (OSSLT). The test will be based on the Ontario curriculum expectations for language and communication - particularly reading and writing - up to and including Grade 9. The test will serve both to determine whether students have acquired the reading and writing skills considered essential for the literacy, and to provide confirmation that those students who have completed the test successfully have attained the provincial expectations for literacy.

### Ontario Secondary School Literacy Course (OSSLC)

Students who have had two opportunities to take the OSSLT and have failed at least once are eligible to enrol in the OSSLC. The principal of the College has the discretionary authority to allow a student to enrol in the OSSLC before he or she has had a second opportunity to take the OSSLT, if the principal determines that it is in the best interest of the student.

### Substitutes for Compulsory Courses

To meet individual students' needs, principals may replace up to three of these courses (or the equivalent in half courses) with courses from the remainder of those that meet the compulsory credit requirements. If a parent or an adult student requests a substitution, the principal will determine whether or not a substitution should be made. A principal may also initiate consideration of whether a substitution should be made.

### Access to Course Outlines

All course outlines are kept in the main office and can be made available upon request.

### Waiving Prerequisites

If a parent or an adult student requests that a prerequisite be waived, the principal will determine whether or not the prerequisite should be waived. The principal may also initiate consideration of whether a prerequisite should be waived. The principal will make his or her decision in consultation with the parent or adult student and appropriate school staff.

### Prior Learning Assessment and Recognition (PLAR)

Prior Learning Assessment and Recognition (PLAR) is the formal evaluation and credit-granting process whereby students may obtain credits for prior learning. Prior learning includes the knowledge and skills that students have acquired, in both formal and informal ways, outside secondary school.

### Challenge process:

- must be initiated by the parent
- the principal along with the appropriate school staff will assess the students prior learning for the purpose of granting credit for a course developed from a provincial curriculum policy document
- assessment will focus on the student's work, including written assignments and laboratory work, and observation of student performance
- appropriate staff will track student performance through PLAR reporting forms and make recommendations to the principal.

### Ontario Secondary School Certificate (OSSC)

The OSSC is granted to students who decide to leave school before earning enough credits to comply with the OSSD requirements.

### 7 compulsory credits:

- 2 credits in English
- 1 credit in Canadian geography or Canadian history
- 1 credit in mathematics
- 1 credit in science
- 1 credit in physical and health education
- 1 credit in art, or technological studies

7 elective credits selected from available courses

*Total 14 Credits*

# COURSE CODING SYSTEM

Example for Grades Nine, Ten, Eleven and Twelve mathematics:

**MPM1D** **MPM2D** **MCR3U** **MDM4U**

The first **3 characters** assigned by the Ministry indicate the course

The *4th character* indicates the grade

The 5th character indicates the course type

# COURSE DESCRIPTIONS JUNIOR SCHOOL

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## JUNIOR ONE — GRADE FIVE

<b>Course Type</b>	<b>Overview</b>	<b>Subjects</b>
Core	All students will participate in three Core instructional classes every morning, each 50 minutes in length. These courses are foundational programmes that will assist students in developing content knowledge, along with important study skills that will serve them well into their Senior School years.	Religion, English, Mathematics
Rotation	The Rotation courses incorporate seven other subject areas that are split up to occur every other day. With the exception of Physical & Health Education, each class is 40 minutes long, thus providing students proficiency in many disciplines relating to the arts, humanities and science. Moreover, the Physical & Health Education programme is 75 minutes every other day, which provides students not only with an opportunity to participate in programmes dedicated to their health and wellness, but ensures they are exceeding their daily physical activity requirements.	French Language, Social Studies, Science, Physical & Health Education, Integrated Arts: Visual Arts and Vocal/Instrumental Music, Computers, Programming and Technology

## RELIGION NRE5

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### CORE

This course represents the first stage of the catechetical programme of the College. Students will study in detail the Apostles' Creed. Other major units include study of the place of Mary, the Mother of God, and the Call to Holiness of all Christians. The text for this course is entitled CREDO: I BELIEVE and is part of the Faith and Life Series adopted by the College for its catechetical programmes. There may be a class community service component and students will participate in a class retreat.

## ENGLISH ENG5

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### CORE

Students will commence an intensive programme aimed at providing children at this grade level with a solid preparation in the critical areas of reading, composition, grammar and spelling. Curative writing and study skills are also emphasized.

## MATHEMATICS MAT5

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### CORE

This accelerated course is intended to provide students with the mechanics and operations required for a sound foundation in mathematical principles. The programme will concentrate on arithmetic, elementary geometry, pre-algebraic functions and development of problem solving skills.

## FRENCH LANGUAGE FSL5

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### ROTATION

The French language course is designed to motivate students to continue the effective development of communication skills through oral communication, writing and reading. Along with a structural language instruction, the students will also have the opportunity to explore different themes, such as feelings, food, professions and the arts.

## SOCIAL STUDIES SST5

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### ROTATION

The Grade 5 course explores the ancient cultures of Greece and Egypt as well as environmental application studies. Areas of study include economic, political and social life. Students will explore both geographic features and historical elements of early civilizations. The students will also investigate particulars such as the education, medicine, art and architecture of each culture.

## SCIENCE SNC5

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### ROTATION

The Grade 5 course covers the following areas implemented by the Ontario Curriculum: Human Organ Systems, Properties of and Changes in Matter, and Conservation of Energy Resources. Students will be able to understand the basic concepts of science and technology; to develop the skills, strategies, and habits of mind required for scientific inquiry and technological design; and to relate scientific and technological knowledge to each other and to their world outside of school.

## **PHYSICAL EDUCATION PHE5**

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### **ROTATION**

The Grade Five health and physical education course is an introductory course designed to provide the student with the opportunity to develop an awareness of sound health practices as well as the necessary skills to achieve, maintain and enjoy a suitable level of physical fitness. Students will acquire skills in connection with expectations in the Active Living, Movement Competence, and Healthy Living strands for this grade.

#### **INTEGRATED ARTS**

The programme in this area will consist of the blending of visual arts and music.

## **INTRO TO VOCAL/ INSTRUMENTAL MUSIC AMI5**

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### **ROTATION**

Students will be introduced to music's basic theoretical, performance and esthetic elements. Students will perform in several school assemblies throughout the year in both choir and band. Students will be introduced to and choose one of five wind instruments (flute, clarinet, trombone, baritone, trumpet or cornet). Students will learn the history, care and handling of their instrument. Concepts such as rhythm, melody, harmony and improvisation, which are experienced through singing, will also be explored on the wind instruments. The historical component for this year is the Renaissance era. Students must attend

mandatory choir and band practice after school. *A mandatory music fee of \$100 and instrument rental fee of \$100 (if applicable) is associated with this course.*

## **VISUAL ARTS AVI5**

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### **ROTATION**

Students will be introduced to the major Elements of Design as they explore new materials and techniques. They will explore methods of self-expression and art appreciation through the study of various themes. *A materials fee of \$25 is associated with this course.*

## **COMPUTERS, PROGRAMMING & TECHNOLOGY CPT5**

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### **ROTATION**

In this course, students will learn fundamental computer skills. The program exposes the students to various software to demonstrate these skills. Students will also learn the engineering process as they plan, build, program, and test robot behaviours. The program will support the students' development as computational thinkers by introducing them to computer programming while creating interactive media projects. Students will also study design thinking as they create and print 3D designs. Students will also study how technology has affected society both positively and negatively.

## JUNIOR TWO — GRADE SIX

<b>Course Type</b>	<b>Overview</b>	<b>Subjects</b>
Core	All students will participate in three Core instructional classes every morning, each 50 minutes in length. These courses are foundational programmes that will assist students in developing content knowledge, along with important study skills that will serve them well into their Senior School years.	Religion, English, Mathematics
Rotation	The Rotation courses incorporate seven other subject areas that are split up to occur every other day. With the exception of Physical & Health Education, each class is 40 minutes long, thus providing students proficiency in many disciplines relating to the arts, humanities and science. Moreover, the Physical & Health Education programme is 75 minutes every other day, which provides students not only with an opportunity to participate in programmes dedicated to their health and wellness, but ensures they are exceeding their daily physical activity requirements.	French Language, Social Studies, Science, Physical & Health Education, Integrated Arts: Visual Arts and Vocal/Instrumental Music, Computers, Programming and Technology

## **RELIGION** **NRE6**

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### **CORE**

The religious programme from the Faith and Life Series introduces the students to a deeper understanding of the following topics: Moses and the Exodus, The Ten Commandments, The New Testament, The Beatitudes and The Passion of Jesus Christ. The series also covers an in-depth focus of the Holy Mass. The students will also study the life of De La Salle. There may be a class community service component and students will participate in a class retreat.

## **ENGLISH** **ENG6**

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### **CORE**

The English course will be a combination of grammar, spelling, creative writing, oral expression and literature. Students will be expected to read a number of novels and short stories as well as participate in the fifteen minute silent reading period which occurs each day. Cursive writing and study skills are also emphasized.

## **MATHEMATICS** **MAT6**

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### **CORE**

This programme of study consists of a review of basic arithmetic operations and their practical applications. Students will further their understanding of number systems and number theory, computation and estimation, geometry and spatial sense, measurement, data management and

integers. They will also be introduced to algebraic operations and are expected to use complex models when solving problems.

## **FRENCH LANGUAGE** **FSL6**

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### **ROTATION**

The French language course is designed to motivate students to continue the effective development of communication skills through oral communication, writing and reading. Along with a structural language instruction, the students will also have the opportunity to discover different cultures through learning about different customs, artists, gastronomy and music.

## **SOCIAL STUDIES** **SST6**

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### **ROTATION**

This course introduces students to basic geological concepts which help explain the earth's history and formation, and proceeds to explore world history from the time of early human settlement to the Great Roman Empire and beyond.

## **SCIENCE** **SNC6**

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### **ROTATION**

The Grade Six course covers the following areas implemented by the Ontario Curriculum: Biodiversity, Properties of Air and Characteristics of Flight, Electricity, and Space. Students will be able to understand the basic concepts of science and

technology; to develop the skills, strategies, and habits of mind required for scientific inquiry and technological design; and to relate scientific and technological knowledge to each other and to their world outside of school.

**PHYSICAL EDUCATION PHE6**  
**ROTATION**

The Grade Six Health and Physical Education course is an introductory course designed to provide the student with the opportunity to develop an awareness of sound health practices as well as the necessary skills to achieve, maintain and enjoy a suitable level of physical fitness. Students will acquire knowledge and skills in connection with the expectations in the Active Living, Movement Competence, and Healthy Active Living Strands for this grade.

**INTEGRATED ARTS**

The programme in this area will consist of the blending of visual arts and music.

**VOCAL/INSTRUMENTAL MUSIC AMI6**  
**ROTATION**

Students continue their journey through music education through the practice of performance, theory and history. Students will continue their vocal development as members of the Concert Choir, and Grade Six Concert Band, performing at several school assemblies and concerts. Students

will begin or continue their training on a wind instrument (flute, clarinet, bass clarinet, alto saxophone, tenor saxophone, trumpet, French horn, trombone, baritone, tuba or percussion). The historical component will cover the era known as the Baroque period (1600-1750). Students must attend mandatory choir and band practice after school. *A mandatory music fee of \$100 and instrument rental fee of \$100 (if applicable) is associated with this course.*

**VISUAL ARTS AVI6**  
**ROTATION**

Students continue to explore the elements of design as they develop their skills with various tools and techniques. They will be introduced to colour theory and composition as they explore self-expression and art appreciation. The students will study the characteristics of painting in the Impressionist and post-Impressionist period. *A materials fee of \$25 is associated with this course.*

**COMPUTERS, PROGRAMMING & TECHNOLOGY CPT6**  
**ROTATION**

In this course, students will learn fundamental computer skills. The program exposes the students to various software to demonstrate these skills. Students will also learn the engineering process as they plan, build, program, and test

robot behaviours. The program will support the students' development as computational thinkers by introducing them to computer programming while creating interactive media projects. Students will also study design thinking as they create and print 3D designs. Students will also study how technology has affected society both positively and negatively.

## JUNIOR THREE — GRADE SEVEN

<b>Course Type</b>	<b>Overview</b>	<b>Subjects</b>
Core	All students will participate in three Core instructional classes every morning, each 50 minutes in length. These courses are foundational programmes that will assist students in developing content knowledge, along with important study skills that will serve them well into their Senior School years.	Religion, English, Mathematics
Rotation	The Rotation courses incorporate seven other subject areas that are split up to occur every other day. With the exception of Physical & Health Education, each class is 40 minutes long, thus providing students proficiency in many disciplines relating to the arts, humanities and science. Moreover, the Physical & Health Education programme is 75 minutes every other day, which provides students not only with an opportunity to participate in programmes dedicated to their health and wellness, but ensures they are exceeding their daily physical activity requirements.	French Language, Social Studies, Science, Physical & Health Education, Integrated Arts: Visual Arts and Vocal/Instrumental Music, Guidance & Career Studies

## RELIGION

### NRE7

CORE

This course examines what we know about God using our faith and our reason. We examine the importance and relevance of covenant history. Through the covenant with God we learn how to get to heaven. Finally, we study Church teaching on incarnation and sacraments.

## ENGLISH

### ENG7

CORE

The Grade Seven English language programme includes the traditional subject areas of: spelling, structures of language (grammar), composition and reading comprehension. Students are exposed to classic and contemporary English literature by means of short stories, novels, and other thematic units. An emphasis is also placed on developing formal and informal writing skills.

## MATHEMATICS

### MAT7

CORE

The programme of study consists of a review of the basic arithmetic operations, and their practical application. Students are exposed to geometry, geometric construction and measurement. Other areas of study include fractions, percent, ratio and rate.

## FRENCH LANGUAGE

### FSL7

ROTATION

This course is designed to develop the four basic language skills: listening, speaking, reading and writing. This will be done by using the grammar and vocabulary found in the text as well as that introduced in group discussions. The vocabulary learned will be related to the child's self, family, friends and today's society.

## SOCIAL STUDIES

### SST7

ROTATION

The Grade 7 course has two distinct areas of study: history and geography. The history component explores early Canadian settlement and the development of New France and British North America. The geography component explores themes such as: regions, developing map reading skills, and examining forces that shape geographical landforms.

## SCIENCE

### SNC7

ROTATION

The Grade 7 Science programme is made up of the following four areas of study: Interactions in the Environment, Structures and Mechanisms, Pure Substances and Mixtures, and Heat in the Environment. Students develop a thorough knowledge of basic concepts and learn skills of inquiry and communication to relate science and technology to society and the environment.

## **PHYSICAL EDUCATION PHE7**

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### **ROTATION**

Physical and Health Education at the Grade 7 level is designed to provide the adolescent with the opportunity to develop an awareness of sound health practices as well as the necessary skills to achieve, maintain and enjoy a suitable level of physical fitness. Students will acquire knowledge and skills in connection with the expectations in the Active Living, Movement Competence, and Healthy Active Living Strands for this grade.

### **INTEGRATED ARTS**

The programme in this area will consist of the blending of visual arts and music.

## **INSTRUMENTAL MUSIC AMI7**

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### **ROTATION**

Students will continue to explore characteristics of musical theory and composition through performance on their instrument. Students will further develop their musical skills through small ensemble performance and group compositions. Instruments will include: flute, oboe, bassoon, bass clarinet, alto saxophone, tenor saxophone, baritone saxophone, trumpet, French horn, trombone, baritone, tuba and percussion. Each student will be a member of the Grade Seven Concert Band. The theoretical components will include developing a vocabulary of musical terms and symbols, scale construction and performance, an introduction to form and composition and some basic conducting. The historical component will cover the areas known as the Classical period

(1750-1820). *Students must attend mandatory band practice after school. A mandatory music fee of \$100 and instrument rental fee of \$100 (if applicable) is associated with this course.*

## **VISUAL ARTS AVI7**

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### **ROTATION**

Visual Arts will provide students with a more formal introduction to drawing by stressing observational skills. Students will also examine how principles of design contribute to the creation of art through the study of proportion, composition, colour and shading. The study of master artists throughout the ages will develop the concepts of art criticism and analysis. *A materials fee of \$25 is associated with this course.*

## **GUIDANCE & CAREER STUDIES GLC7**

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### **ROTATION**

This course teaches students how to develop and achieve personal goals in education and work and contribute to their communities. Student learning will include assessing their own knowledge, skills, and characteristics and investigating economic trends, workplace organization, work opportunities, and ways to search for work. The course explores postsecondary learning options, prepares students for community-based learning, and helps them build the capabilities needed for managing work and life transitions. Students will design action plans for pursuing their goals.

# COURSE DESCRIPTIONS SENIOR SCHOOL

33	Senior One – Grade Eight
36	Senior Two – Grade Nine
39	Senior Three – Grade Ten
44	Senior Four – Grade Eleven
51	Senior Five – Grade Twelve



## SENIOR ONE — GRADE EIGHT

Course Type	Overview	Subjects
Core	All students will participate in three Core instructional classes every morning, each 50 minutes in length. These courses are foundational programmes that will assist students in developing content knowledge, along with important study skills that will serve them well into their Senior School years.	Religion, English, Mathematics
Rotation	The Rotation courses incorporate seven other subject areas that are split up to occur every other day. With the exception of Physical & Health Education, each class is 40 minutes long, thus providing students proficiency in many disciplines relating to the arts, humanities and science. Moreover, the Physical & Health Education programme is 75 minutes every other day, which provides students not only with an opportunity to participate in programmes dedicated to their health and wellness, but ensures they are exceeding their daily physical activity requirements.	French Language, Social Studies, Science, Physical & Health Education, Integrated Arts: Visual Arts and Vocal/Instrumental Arts, Civics

### **Please Note**

- Students who successfully complete the Grade 8 English programme (ENG8) will “reach ahead” at the discretion of the principal. In other words, students will be awarded a credit in Grade 9 English (ENG1D).
- Students who successfully complete the Grade 8 Mathematics programme (MAT8) will “reach ahead” at the discretion of the principal. In other words, students will be awarded a credit in Grade 9 Mathematics (MPM1D).

## RELIGION NRE8

CORE

The aim of the Grade 8 religion course is to make Christ and his Church better known and loved by the students, and to make their faith, “living, conscious, and active, through the light of instruction.” As students are also preparing for and may elect to receive the Sacrament of Confirmation in their parishes, there will be much emphasis in building a solid foundation of the knowledge of the doctrines of the Catholic Church. Students will be introduced to the forms of Christian prayer and the varied apostolates of Christian charity inspired by the Spiritual and Corporal Works of Mercy.

## ENGLISH ENG8

CORE REACH-AHEAD

The practical approach builds on the Grade 7 programme and develops English language usage through the study of literature and media in order to enhance critical thinking, writing and speaking skills. Students will continue the introductory course in Latin and Roman history and life.

## MATHEMATICS MAT8

CORE REACH-AHEAD

The Grade Eight Mathematics programme is a sequential approach to the development and consolidation of concepts used in problem solving, algebra, measurement, geometry, linear functions, and quadratics.

## FRENCH LANGUAGE FSL8

ROTATION

Students will communicate and interact with growing confidence in French, while developing the knowledge, skills, and perspectives they need to participate fully as citizens in Canada and in the world. In all French as a Second Language programs, student realize the vision of the FSL curriculum as they strive to: use French to communicate and interact effectively in a variety of social settings; learn about Canada, its two official languages, and other cultures; appreciate and acknowledge the interconnectedness and interdependence of the global community; be responsible for their own learning, as they work independently and in groups; use effective language learning strategies; become lifelong language learners for personal growth and for active participation as world citizens.

## SOCIAL STUDIES SST8

ROTATION

This course investigates the major trends in Western Civilization and World History from the Byzantine Empire to the present. Areas covered will include the interaction between the emerging West and other regions of the world and about the development of modern social, political and economic systems. The skills and knowledge developed in this survey course will enable students to understand and appreciate both the character of historical change and the historical roots of contemporary issues.

## **SCIENCE** **SNC8**

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### ROTATION

The Grade 8 Science programme is made up of the following four areas of study: Cells, Systems in Action, Fluids, and Water Systems. Students develop a thorough knowledge of basic concepts and learn skills of inquiry and communication to relate science and technology to society and the environment.

## **PHYSICAL EDUCATION** **PHE8**

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### ROTATION

The Physical and Health Education programme at the Grade Eight level is designed to provide the adolescent with the opportunity to develop an awareness of sound health practices as well as necessary skills to achieve, maintain and enjoy a suitable level of fitness. Students will demonstrate personal and interpersonal skills and the use of critical and creative processes as they acquire knowledge and skills in connection with the expectations in the Active Living, Movement Competence, and Healthy Active Living Strands for this grade.

## **INTEGRATED ARTS**

The programme in this area will consist of the blending of visual arts and music.

## **INSTRUMENTAL MUSIC** **AMI8**

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### ROTATION

Students will continue to develop their musical skills through instrumental performance. Instruments will include flute, oboe, bassoon, clarinet, bass clarinet, alto saxophone, tenor saxophone, baritone saxophone, trumpet, French horn, trombone, baritone, tuba and percussion. Students will further develop their knowledge of music theory and composition, and will take part in several performances throughout the year as members of the Grade Eight Concert Band. The historical component will cover the era known as the Romantic Era (1800-1910). *Students must attend mandatory band practice after school. A mandatory music fee of \$100 and instrument rental fee of \$100 (if applicable) is associated with this course.*

## **VISUAL ARTS** **AVI8**

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### ROTATION

Through the use of a variety of media students are challenged to use the elements and principles of design in new ways. In explorations of pattern, point of view, perspective, composition, shading and painting students will expand their repertoire of self-expression. The development of Canadian art with special focus on painting will also be covered. *A materials fee of \$25 is associated with this course.*

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**CIVICS**  
ROTATION**CHV8**

This course explores what it means to be an informed, participating citizen in a democratic society. Students will learn about the elements of democracy in local, national, and global contexts, about political reactions to social change, and about political decision-making processes in Canada. They will explore their own and others' ideas about civics questions and learn how to think critically about public issues and react responsibly to them.

## SENIOR TWO — GRADE NINE

Course Type	Overview	Subjects	
		Returning Students	New Students
Compulsory	Students will automatically be placed into the six compulsory courses. Students that are enrolled in the Grade 8 “reach ahead” Math and English Programmes will be automatically placed in the Grade 10 Principles of Mathematics course and the Grade 10 English course upon registration.	Gr. 10 English, Gr. 10 Principles of Mathematics, Geography of Canada, Science, French, Healthy Active Living Education (single gender)	Gr. 9 English, Gr. 9 Principles of Mathematics, Geography of Canada, Science, French, Healthy Active Living Education (single gender)
Mandatory	Students will automatically be placed in one mandatory course.	Religion	
Elective	Students are to select one elective course.	Visual Arts, Instrumental Music, Vocal Music	

### Please Note

- The credit(s) for the Grade 9 Math and/or English will be awarded by the principal after consultation with the student’s Math and/or English teacher(s).
- The available electives will meet another compulsory requirement.
- Students will also choose three alternate courses. If the course and/or section is filled, the student will automatically be placed in the alternate choice

**\*De La Salle College 'Oaklands' reserves the right to cancel any courses due to insufficient enrollment.\***

## **ENGLISH** **ENG1D**

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### **COMPULSORY**

This course is designed to develop the 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 information and graphic texts, and create oral, written, and media texts in a variety of forms. An important focus will be on the use of strategies that contribute to effective communication. ***Students who are currently enrolled in the Grade Eight English programme at De La Salle College should select ENG2D listed in the Grade Ten portion of this guide.***

## **PRINCIPLES OF MATHEMATICS** **MPM1D**

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### **COMPULSORY**

This course enables students to develop an understanding of mathematical concepts related to algebra, analytic geometry, measurement and geometry through investigation, the effective use of technology, and abstract reasoning. Students will investigate relationships, which they will then generalize as equations of lines, and will determine the connections between different representations of a linear relation. They will also explore relationships that emerge from the measurement of three-dimensional figures and two-dimensional shapes. Students will reason

mathematically and communicate their thinking as they solve multi-step problems. ***Students who are currently enrolled in the Grade Eight mathematics programme at De La Salle College should select MPM2D listed in the Grade Ten portion of this guide.***

## **GEOGRAPHY OF CANADA** **CGC1D**

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### **COMPULSORY**

This course explores Canada's distinct and changing character and the geographic systems and relationships that shape it. Students will investigate the interactions of natural and human systems within Canada, as well as Canada's economic, cultural, and environmental connections to other countries. Students will use a variety of geotechnologies, inquiry, and communication methods to analyse and evaluate geographic issues and present their findings.

## **SCIENCE** **SNC1D**

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### **COMPULSORY**

This course enables students to develop their understanding of basic concepts in biology, chemistry, earth and space science, and physics, and to relate science to technology, society, and the environment. Throughout the course, students will develop their skills in the processes of scientific investigation. Students will acquire an understanding of scientific theories and conduct

investigations related to sustainable ecosystems, atomic and molecular structures and the properties of elements and compounds; the study of the universe and its properties and components, and the principles of electricity.

## **FRENCH** **FSF1D**

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### **COMPULSORY**

This course provides opportunities for students to communicate and interact in French with increasing independence, with a focus on familiar topics related to their daily lives. Students will develop their skills in listening, speaking, reading, and writing by using language learning strategies introduced in the elementary Core French program, and will apply creative and critical thinking skills in various ways. They will also enhance their understanding and appreciation of diverse French-speaking communities, and will develop skills necessary for lifelong language learning. The grade nine program shall begin to emphasize the development of listening, speaking, reading, and writing skills through the use of a contextual approach and a variety of authentic resources. Students are taught a range of specific language structures and they are given opportunities to use them in a variety of cultural and thematic contexts.

## **HEALTHY ACTIVE**

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### **LIVING EDUCATION** **PPL10**

#### **COMPULSORY**

This course equips students with the knowledge and skills they need to make healthy choices now and lead healthy active lives in the future. Through participation in a wide range of physical activities, students develop knowledge and skills related to movement competence and personal fitness that provide a foundation for active living. Students also acquire an understanding of the factors and skills that contribute to healthy development and learn how their own well-being is affected by, and affects, the world around them. Students build their sense of self, learn to interact positively with others, and develop their ability to think critically and creatively. The health components of this course centered around issues related to healthy sexuality, substance use and abuse, conflict resolution and CPR and healthy eating. This course is intended to give students the knowledge and skills to lead a healthy and active living. The health and physical education curriculum also promotes important educational values and goals such as acceptance, teamwork, goal setting, excellence and good health. When these values are reinforced in our classes and communities, they can be powerful allies in motivating students to achieve their potential and lead safe, healthy lives. *Please note: All classes are single gender.*

## **RELIGION** **HRE13**

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### **MANDATORY**

This course is a scripture study, which highlights the biblical covenants as God reveals Himself through salvation history. Old Testament topics include Creation, Patriarchs, Moses and the Exodus, Monarchy, Prophets, Exile and Restoration; while New Testament topics include Christology, Resurrection, St. Paul and the early Church, Sacraments, and Revelation. Students will practice the contextual method of scriptural interpretation by analysing the symbolism used in Genesis, exploring the historical context of books in the Old Testament, and interpreting a passage of scripture from the Gospels using biblical commentary. Students are required to perform a minimum of 20 hours of community service as part of their programme. Students who fail to complete the required hours by the end of the course will not be granted a credit in religion.

## **VISUAL ARTS** **AVI10**

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### **ELECTIVE**

This course is exploratory in nature, offering an overview of visual arts as a foundation for further study. Students will become familiar with the elements and principles of design and the expressive qualities of various materials by using a range of media, processes, techniques, and styles. Students will use the creative and critical analysis processes and will interpret art within a personal, contemporary, and historical context. *A materials fee of \$40 is associated with this course.*

## **MUSIC** **AMU10**

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### **ELECTIVE**

This course emphasizes the creation and performance of music at a level consistent with previous experience and is aimed at developing technique, sensitivity, and imagination. Students will develop musical literacy skills by using the creative and critical analysis process in composition, performance, and a range of reflective and analytical activities. Students will develop an understanding of the conventions and elements of music and of safe practices related to music, and will develop a variety of skills transferable to other areas of their life. *Students must attend mandatory band practice after school. A mandatory music fee of \$100 and instrument rental fee of \$100 (if applicable) is associated with this course.*

## **VOCAL MUSIC** **AMV10**

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### **ELECTIVE**

This course emphasizes performance of music at an intermediate level that strikes a balance between challenge and skill. Students will be required to develop a thorough understanding of the language of music, including the elements, terminology, and history. Students will develop skills and techniques in voice production, interpretation, music appreciation and performance. Proficiency in sight reading, pitch control, improvisation, ensemble singing, and performance will be emphasized. Repertoire will include pop, jazz, classical, ethnic and rock music. Choral music (choir), as well as small ensembles where microphone technique is required, will constitute the performance aspect.

## SENIOR THREE — GRADE TEN

<b>Course Type</b>	<b>Overview</b>	<b>Subjects</b>
Compulsory	Students will automatically be placed into the six compulsory courses. Students that are currently enrolled in the Gr. 10 Principles of Mathematics course will be automatically placed in the Gr. 11 Functions and Relations course, otherwise students will be placed in the Gr. 10 Principles of Mathematics. Also, students that are currently enrolled in the Gr. 10 English course will be automatically be placed in the Gr. 11 English course, otherwise students will be placed in the Grade 10 English.	English (ENG2D <b>OR</b> ENG3U), Gr. 10 Principles of Mathematics (MPM2D) <b>OR</b> Gr. 11 Functions and Relations (MCR3U), Canadian History in the 20th Century, Science, Guidance and Career Education, Civics
Mandatory	Students will automatically be placed in one mandatory course.	Religion: Catholic Moral Theology
Elective	Students are to select two elective course.	Visual Arts, Music, Drama, French, Italian, Spanish, Latin, Healthy Active Living Education, Computer Studies

### **Please Note**

- The Civics course (CHV2O) and the Guidance and Career Education course (GLC2O) are both worth 0.5 credits.
- The available electives will meet another compulsory requirement.
- Students will also choose three alternate courses. If the course and/or section is filled, the student will automatically be placed in the alternate choice

**\*De La Salle College 'Oaklands' reserves the right to cancel any courses due to insufficient enrollment.\***

## ENGLISH ENG2D

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### COMPULSORY

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 texts, 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. **Prerequisite: ENG1D**

## PRINCIPLES OF MATHEMATICS MPM2D

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### COMPULSORY

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

**Prerequisite: MPM1D**

## CANADIAN HISTORY CHC2D

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### SINCE WWI COMPULSORY

This course explores the local, national, and global forces that have shaped Canada's national identity from World War I to the present. Students will investigate the challenges presented by economic, social, and technological changes and explore the contributions of individuals and groups to Canadian culture and society during this period. Students will use critical-thinking and communication skills to evaluate various interpretations of the issues and events of the period and to present their own points of view.

## SCIENCE SNC2D

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### COMPULSORY

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: SNC1D**

## CIVICS CHV20

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### COMPULSORY

This course explores what it means to be an informed, participating citizen in a democratic society. Students will learn about the elements of democracy in local, national, and global contexts, about political reactions to social change, and about political decision-making processes in Canada. They will explore their own and others' ideas about civics questions and learn how to think critically about public issues and react responsibly to them. ***Please note that students will receive .5 credit for this course.***

## CAREER STUDIES GLC20

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### COMPULSORY

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. ***Please note that students will receive .5 credit for this course.***

## RELIGION: CATHOLIC HRE23

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### MORAL THEOLOGY

### MANDATORY

This course develops students' understanding of the principles of Catholic morality in the context of a vital and loving relationship with the Triune God, in the communion of the Church. Students will learn the fundamentals of Catholic moral theology with specific reference to the sanctity and dignity of the human person, human freedom, sin, the human community, participation in the moral law and the life of grace. Students are required to perform a minimum of 20 hours of community service as part of their programme. Students who fail to complete the required hours by the end of the course will not be granted a credit in religion. **Prerequisite: HRE13**

## VISUAL ARTS AVI20

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### ELECTIVE

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. *A materials fee of \$20 is associated with this course.*

## MUSIC

### ELECTIVE

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 must attend mandatory band practice after school. A mandatory music fee of \$100 and instrument rental fee of \$100 (if applicable) is associated with this course.* **Prerequisite: AMU10**

## DRAMATIC ARTS

### ELECTIVE

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.

## AMU20

## FRENCH

### ELECTIVE

This course provides opportunities for students to communicate in French about personally relevant, familiar, and academic topics in real-life situations with increasing independence. Students will exchange information, ideas, and opinions with others in guided and increasingly spontaneous spoken interactions. Students will develop their skills in listening, speaking, reading, and writing through the selective use of strategies that contribute to effective communication. They will also increase their understanding and appreciation of diverse French-speaking communities, and will develop skills necessary for lifelong language learning. The primary goal of the program is to increase, within realistic and well-defined parameters, a student's ability to use French effectively. The program enables students to better understand the stages of language learning and the use of language learning strategies in order to become proficient second-language learners as they continue in French studies. **Prerequisite: FSF1D**

## FSF2D

## ITALIAN

### ELECTIVE

This introductory course touches the basic grammar of written and spoken Italian. It develops a usable knowledge of the Italian language with emphasis on topical conversation and comprehension.

## LWIBD

## SPANISH

## LWSBD

### ELECTIVE

This course is for beginners and no prerequisites are necessary. This course is designed to expose the students to Spanish speaking cultures through learning about different customs, artists, gastronomy and music. The course's primary goal is to continue to develop the three main areas of language use such as oral communication, writing and reading.

## LATIN

## LVLAD

### ELECTIVE

This course introduces students to the achievements of the classical world through the study of Latin. Students will learn vocabulary and grammar essential for reading and translating classical texts. English is the language of instruction. Through a variety of enrichment activities, such as presentations, debates, and dialogues, students will explore such aspects of life in the ancient world as trade, commerce, education, entertainment, and social customs while improving their language skills.

## HEALTHY ACTIVE

## LIVING EDUCATION

## PPL20

### ELECTIVE

This course enables students to further develop the knowledge and skills they need to make healthy choices now and lead healthy, active lives in the future. Through participation in a wide range of physical activities, students develop knowledge and skills related to movement competence and personal fitness that provide a foundation for active living. Students also acquire an understanding of the factors and skills that contribute to healthy development and learn how their own well-being is affected by, and affects, the world around them. Students build their sense of self, learn to interact positively with others, and develop their ability to think critically and creatively. **Note: students enrolled in PPL20 may not enroll in PAF20**

## PERSONAL &

## FITNESS ACTIVITIES

## PAF20

### ELECTIVE

This course equips students with the knowledge and skills the need to make healthy choices now and lead healthy active lives in the future. Through participation in a wide range of physical activities focusing on individual fitness, students develop knowledge and skills related to personal fitness that provide a foundation for active living. Students also acquire an understanding of the factors and skills that contribute to healthy development and learn how their own well-being is

affected by, and affects, the world around them. Students build their sense of self, learn to interact positively with others, and develop their ability to think critically and creatively. The health components of this course centered around issues related to healthy eating and food choices, mental health, safe technology use, bullying, dealing with peer pressure and healthy sexuality. This course is aimed at teaching students different activities and is intended to give students the knowledge and skills to lead a healthy and active living.

***Note: students enrolled in PAF20 may not enroll in PPL20***

## INTRODUCTION TO COMPUTER STUDIES      ICS20

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### ELECTIVE

This course introduces students to computer programming. Students will plan and write simple computer programs by applying fundamental programming concepts, and learn to create clear and maintainable internal documentation. They will also learn to manage a computer by studying hardware configurations, software selection, operating system functions, networking, and safe computing practices. Students will also investigate the social impact of computer technologies, and develop an understanding of environmental and ethical issues related to the use of computers.

## SENIOR FOUR — GRADE ELEVEN

Course Type	Overview	Subjects
Compulsory	Students will automatically be placed into the two compulsory courses. Students that are currently enrolled in the Grade 11 Functions and Relations course (MCR3U) may replace it with a Grade 12 Mathematics Course or another elective.	English, Mathematics -Functions and Relations
Mandatory	Students will automatically be placed in the Grade 11 Religion course and must select AT LEAST one Senior Science course.	Religion, Science (one of Biology, Chemistry or Physics)
Elective	Students are to select four elective courses.	Visual Arts, Music, Dramatic Arts, Media Arts, French, Italian, Spanish, Latin, Geography, Canadian Law, American History, 20th Century History, World History, Anthropology, Psychology and Sociology, The Individual and the Economy, Accounting, Biology, Chemistry, Physics, Computer Science, Healthy Active Living Education

### Please Note

- Students must review their past courses and ensure that their course selections will satisfy any outstanding compulsories. In other words, by the time students are in Grade 12, English should be the only remaining compulsory. In addition, students should review the Grade 12 course offerings in order to complete prerequisites needed to enter those courses. **Moreover, many courses that are offered in Grade 12 are prerequisites for University Programmes**
- Students will also choose three alternate courses. If the course and/or section is filled, the student will automatically be placed in the alternate choice
- **Advanced Placement Options** for Grade 11 are English, American History and Economics. Please consult **pages 15 & 16** for the AP Policy

**\*De La Salle College 'Oaklands' reserves the right to cancel any courses due to insufficient enrollment.\***

## ENGLISH

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### COMPULSORY

This course emphasizes the development of literacy, communication, and critical and creative thinking skills necessary for success in academic and daily life. Students will analyse challenging literary texts from various periods, countries, and cultures, as well as a range of informational and graphic texts, and create oral, written, and media texts in a variety of forms. An important focus will be on using language with precision and clarity and incorporating stylistic devices appropriately and effectively. The course is intended to prepare students for the compulsory Grade 12 university or college preparation course.

**Prerequisite: ENG2D**

## FUNCTIONS

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### COMPULSORY

This course introduces the mathematical concept of the function by extending students' experiences with linear and quadratic relations. Students will investigate properties of discrete and continuous functions, including trigonometric and exponential functions; represent functions numerically, algebraically, and graphically; solve problems involving applications of functions; and develop facility in simplifying polynomial and rational expressions. Students will reason mathematically and communicate their thinking as they solve multi-step problems. **Prerequisite: MPM2D**

## ENG3U

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### AP OPTION

## CHURCH HISTORY

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### MANDATORY

This course enables students to discover the traditions, beliefs and historical development of the Roman Catholic Church. Students will develop an understanding of the basic concepts of history and historiography within the framework of parallel development of the Roman Catholic Church. Periods covered include the early Church, the Persecutions, the Medieval Era, the Renaissance, the Protestant Revolution, the Catholic Counter-Reformation, the Enlightenment, The French Revolution and the Age of Napoleon. Students will analyze the interrelationship between the history and formation of the Church and the prevailing societies of the time. Students are required to participate in a school-scheduled community service placement during the academic year. Failure to complete this will result in not being granted a credit in Religion. **Prerequisite: HRE23**

## HRE33

## BIOLOGY

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### MANDATORY/ELECTIVE

This course furthers students' understanding of the processes that occur in biological systems. Students will study theory and conduct investigations in the areas of biodiversity; evolution; genetic processes; the structure and function of animals (circulatory, respiratory, and digestive systems); and the anatomy, growth, and function of plants. The course focuses on the theoretical aspects of the topics under study, and helps students refine skills related to scientific inves-

## SBI3U

tigation. Proper techniques in microscopy and dissection are integral components of the course.

**Prerequisite: SNC2D**

## CHEMISTRY SCH3U

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MANDATORY/ELECTIVE

This course enables students to deepen their understanding of chemistry through the study of the properties of chemicals and chemical bonds; chemical reactions and quantitative relationships in those reactions; solutions and solubility; and atmospheric chemistry and the behaviour of gases. Students will further develop their analytical skills and investigate the qualitative and quantitative properties of matter, as well as the impact of some common chemical reactions on society and the environment. **Prerequisite: SNC2D**

## PHYSICS SPH3U

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MANDATORY/ELECTIVE

This course develops students' understanding of the basic concepts of physics. Students will explore kinematics, with an emphasis on 1D and 2D motion; different kinds of forces; energy transformations; the properties of mechanical waves, sound, and electricity and magnetism. They will enhance their scientific investigation skills as they test laws of physics. In addition, they will analyse the interrelationships between physics and technology, and consider the impact of technological applications of physics on society and the environment. **Prerequisite: SNC2D**

## DRAMATIC ARTS ADA3M

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ELECTIVE

This course requires students to create and to perform dramatic presentations. Students will analyse, interpret, and perform works of drama from various cultures, including Western plays from around 1900. Students will also do research on different acting styles and conventions for their presentations, create original works, and analyse the functions of playwright, director, actor, producer, designer, technician, and audience.

**Prerequisite: ADA10 or ADA20**

## MUSIC AMU3M

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ELECTIVE

This course provides students with opportunities to develop their musical literacy through the creation, appreciation, analysis, and performance of music, including traditional, commercial, and art music. Students will apply the creative process when performing appropriate technical exercises and repertoire and will employ the critical analysis processes when reflecting on, responding to, and analysing live and recorded performances. Students will consider the function of music in society and the impact of music on individuals and communities. They will explore how to apply skills developed in music to their life and careers. Students must attend mandatory band practice after school. *A mandatory music fee of \$100 and instrument rental fee of \$100 (if applicable) is associated with this course.* **Prerequisite: AMU10 or AMU20**

**MEDIA ARTS**
**ASM30**


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 ELECTIVE

This course enables students to create media art works using available and emerging technologies such as computer animation, digital imaging, and video, and a variety of media. Students will explore the elements and principles of media arts, the connections between contemporary media art works and traditional art forms, and the importance of using responsible practices when engaged in the creative process. Students will develop the skills necessary to create and interpret media art works. *A materials fee of \$40 is associated with this course.*

**VISUAL ARTS**
**AVI30**


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 ELECTIVE

This course focuses on studio activities in one or more of the visual arts. Students will create art works that explore a wide range of subject matter, and will evaluate art works, providing grounds for their aesthetic judgements. They will also examine historical and cultural contexts of Western art (including Canadian art) and art from various world cultures to support their study of specific media. Art history integrated into the programme, covers the periods of Gothic, Renaissance and Baroque. *A materials fee of \$20 is associated with this course.*

**Prerequisite: AVI10 or AVI20**

**FRENCH**
**FSF3U**


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 ELECTIVE

This course offers students extended opportunities to speak and interact in real-life situations in French with greater independence. Students will develop their listening, speaking, reading, and writing skills, as well as their creative and critical thinking skills, through responding to and exploring a variety of oral and written texts. They will also broaden their understanding and appreciation of diverse French-speaking communities, and will develop skills necessary for lifelong language learning. **Prerequisite: FSF2D**

**LATIN**
**LVLBU**


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 ELECTIVE

This course provides students with opportunities to continue their exploration of the achievements of the ancient world through the study of ancient Greek. Students will read and translate more complex passages in the classical language and will learn the vocabulary and grammar essential for these activities. English is the language of instruction. Through a variety of methods, such as dramatizations, presentations, and hands-on activities, students will investigate aspects of the culture and beliefs of the ancient world, including science, religion and customs.

**Prerequisite: LVLAD**

**ITALIAN** **LWICU**  


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 ELECTIVE

This course is aimed at communication and enhancement of linguistic skills. Grammatical structures and vocabulary will be integrated continuously into functional language skills. Learning activities embrace language knowledge, written and linguistic competence, cultural awareness and literary appreciation in both formal and informal settings. **Prerequisite: LWIBD**

**SPANISH** **LWSCU**  


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 ELECTIVE

The second year Spanish course provides students with the language learning experiences that will enable them to communicate in Spanish. It continues to concentrate on the primary linguistic skills of understanding, speaking, reading and writing. The students will further explore aspects of the culture of Spanish speaking countries. **Prerequisite: LWSBD**

**PHYSICAL GEOGRAPHY:  
 PATTERNS, PROCESSES  
 & INTERACTIONS** **CGF3M**  


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 ELECTIVE

This course examines the major patterns of physical geography and the powerful forces that affect them. Students will investigate the dynamic nature of the earth, the evolving relationship be-

tween the planet and its people, and the factors that limit our ability to predict the changes that will occur. Students will use a wide range of geotechnologies and inquiry methods to investigate the distribution and interaction of the elements of their physical environment and to communicate their findings. **Prerequisite: CGC1D**

**AMERICAN HISTORY** **CHA3U**  


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 ELECTIVE AP OPTION

This course traces the social, economic, and political development of the United States from colonial times to present. Students will examine issues of diversity, identity, and culture that have influenced the country's social and political formation and will consider the implications of expansion into a superpower. Students will use critical-thinking and communication skills to determine causal relationships, evaluate multiple perspectives, and present their own points of view. **Prerequisite: CHC2D.**

**WORLD HISTORY  
 SINCE 1900** **CHT3O**  


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 ELECTIVE

This course focuses on the major events and issues in world history from 1900 to the present. Students will investigate the causes and effects of global and regional conflicts and the responses of individuals and governments to social, economic, and political changes. Students will use critical-

thinking and communication skills to formulate and test points of view, draw conclusions, and present their findings about the challenges that have faced and continue to face people in various parts of the world. **Prerequisite: CHC2D**

**WORLD HISTORY TO  
THE 16TH CENTURY CHW3M**  
ELECTIVE

This course examines the history of humanity from earliest times to the 16th century. Students will analyse diverse societies from around the world, with emphasis on political, cultural, and economic structures and historical forces that have shaped the modern world. They will apply historical inquiry, critical-thinking, and communication skills to evaluate the influence of individuals, groups, and innovations and to present their own conclusions. **Prerequisite: CHC2D**

**INTRO TO ANTHROPOLOGY,  
PSYCHOLOGY &  
SOCIOLOGY HSP3M**  
ELECTIVE

This course introduces the theories, questions, and issues that are the major concern of anthropology, psychology, and sociology. Students will develop an understanding of the way social scientists approach the topics they study and the research methods they employ. Students will be given opportunities to explore theories from a va-

riety of perspectives and to become familiar with current thinking on a range of issues that have captured the interest of classical and contemporary social scientists in the three disciplines.

**UNDERSTANDING  
CANADIAN LAW CLU3M**  
ELECTIVE

This course explores Canadian law with a focus on legal issues that are relevant to people’s everyday lives. Students will investigate fundamental legal concepts and processes to gain a practical understanding of Canada’s legal system, including the criminal justice system. Students will use critical-thinking, inquiry, and communication skills to develop informed opinions on legal issues and apply this knowledge in a variety of ways and settings, including case analysis, legal research projects, mock trials, and debates. **Prerequisite: CHC2D**

**THE INDIVIDUAL &  
THE ECONOMY CIE3M**  
ELECTIVE AP OPTION

This course examines the changing Canadian economy and helps students develop an understanding of their own role as economic agents. Students will apply economic models and concepts to assess the roles of the various stakeholders in the Canadian economy and analyse the interactions among them. Students will consider the economic behaviour of the individual as consumer, contributor, and citizen in a mixed

economy and will apply economic inquiry, critical-thinking, and communication skills to make and defend informed economic decisions.

**Prerequisite:** CHC2D

**FINANCIAL ACCOUNTING  
FUNDAMENTALS** **BAF3M**  
ELECTIVE

This course introduces students to fundamental principles and procedures of accounting. Students will develop financial analysis and decision-making skills that will assist them in future studies and /or career opportunities in business. Students will acquire an understanding of accounting for a service and merchandising business, computerized accounting, financial analysis, ethics and current issues in accounting.

**INTRODUCTION TO  
COMPUTER SCIENCE** **ICS3U**  
ELECTIVE

This course introduces students to computer science. Students will design software independently and as part of a team, using industry-standard programming tools and applying the software development life-cycle model. They will also write and use subprograms within computer programs. Students will develop creative solutions for various types of problems as their understanding of the computing environment grows. They will also explore environmental and ergonomic is-

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

**HEALTHY ACTIVE  
LIVING EDUCATION** **PPL30**  
ELECTIVE

This 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' interests 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 also study the components of healthy relationships, reproductive health, mental health and personal safety. Students will also engage in leadership activities within the school. *A fee of \$250 is associated with this course.*

## SENIOR FIVE — GRADE TWELVE

Course Type	Overview	Subjects
Compulsory	Students will automatically be placed into the one compulsory courses.	English
Mandatory	Students will automatically be placed in one mandatory course.	Philosophy: Questions and Theories
Elective	Students are to select <i>at least</i> five elective courses. Students should select no more than two courses whose fifth letter on the coding is <b>M</b> . Students choosing IDP4U (Interdisciplinary Studies) must also be enrolled in SBI4U and SCH4U.	Mathematics, Biology, Chemistry, Interdisciplinary Studies, Physics, Dramatic Arts, Music, Media Arts, Visual Arts, Studies in Literature, French, Canadian and World Issues, World Geography, Canada: History, Identity, and Culture, World History, Challenge and Change in Society, Accounting, International Business, Analysing Current Economic Issues, Law, Politics, Computer and Information Science, Introductory Kinesiology

### Please Note

- When selecting courses please consult the University INFO website. (electronicinfo.ca)
- Students must have at least seven “acceptable” Gr. 12 courses before applying to university. Therefore, any Gr. 12 courses “successfully” completed through the school’s “Reach Ahead” programme, the summer Roman Holidays programme, or the Summer School Programme at De La Salle College “Oaklands” prior to the start of the 2016/2017 academic year will affect the total courses chosen.
- For example, a student entering Grade 12 with a completed course in Advanced Functions (MHF4U) would only need to take six courses.
- Students will also choose three alternate courses. If the course and/or section is filled, the student will automatically be placed in the alternate choice
- **Advanced Placement Options** for Grade 12 are Data Management, Calculus, Biology, Chemistry, Physics, Studio Art, French, Geography, History, Economics, Computer Studies Please consult **pages 15 & 16** for the AP Policy

**\*De La Salle College 'Oaklands' reserves the right to cancel any courses due to insufficient enrollment.\***

## ENGLISH ENG4U

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### COMPULSORY

This course emphasizes the consolidation of the literacy, communication, and critical and creative thinking skills necessary for success in academic and daily life. Students will analyse a range of challenging literary texts from various periods, countries, and cultures; interpret and evaluate informational and graphic texts; and create oral, written, and media texts in a variety of forms. An important focus will be on using academic language coherently and confidently, selecting the reading strategies best suited to particular texts and particular purposes for reading, and developing greater control in writing. The course is intended to prepare students for university, college, or the workplace. **Prerequisite: ENG3U**

## PHILOSOPHY: QUESTIONS & THEORIES HZT4U

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### MANDATORY

This course addresses three (or more) of the main areas of philosophy: metaphysics, logic, epistemology, ethics, social and political philosophy, and aesthetics. Students will learn critical thinking skills, the main ideas expressed by philosophers from a variety of the world's traditions, how to develop and explain their own philosophical ideas, and how to apply those ideas to contemporary social issues and personal experiences. The

course will also help students refine skills used in researching and investigating topics in philosophy. Students are required to participate in a school-scheduled community service placement during the academic year. Failure to complete this may result in not being granted a credit.

**Prerequisite: Any university or university/college preparation course in social sciences and humanities, English, or Canadian and world studies**

## MATHEMATICS OF DATA MANAGEMENT MDM4U

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### ELECTIVE AP OPTION

This course broadens students' understanding of mathematics as it relates to managing data. Students will apply methods for organizing and analysing large amounts of information; solve problems involving probability and statistics; and carry out a culminating investigation that integrates statistical concepts and skills. Students will also refine their use of the mathematical processes necessary for success in senior mathematics. Students planning to enter university programs in business, the social sciences, and the humanities will find this course of particular interest.

**Prerequisite: MCR3U**

## ADVANCED FUNCTIONS MHF4U ELECTIVE

This course extends students' experience with functions. Students will investigate the properties of polynomial, rational, logarithmic, exponential and trigonometric functions; develop techniques for combining functions; broaden their understanding of rates of change; and develop facility in applying these concepts and skills. Students will also refine their use of the mathematical processes necessary for success in senior mathematics. This course is intended both for students taking the Calculus and Vectors course as a prerequisite for a university programme and for those wishing to consolidate their understanding of mathematics before proceeding to a variety of university programmes. **Prerequisite: MCR3U**

## CALCULUS & VECTORS ELECTIVE

## MCV4U AP OPTION

This course builds on students' previous experience with functions and their developing understanding of rates of change. Students will solve problems involving geometric and algebraic representations of vectors and representations of lines and planes in three-dimensional space; broaden their understanding of rates of change to include the derivatives and integrals of polynomial, sinusoidal, exponential, logarithmic, rational, and radical functions; and apply these concepts and skills to the modelling of real-world relationships. Students will also refine their use of the mathematical processes necessary for success in

senior mathematics. This course is intended for students who choose to pursue careers in fields such as science, engineering, economics, and some areas of business, including those students who will be required to take a university-level calculus, linear algebra, or physics course.

**Note: MHF4U must be taken prior to or concurrently with MCV4U**

## BIOLOGY ELECTIVE

## SBI4U AP OPTION

This course provides students with the opportunity for in-depth study of the concepts and processes that occur in biological systems. Students will study theory and conduct investigations in the areas of biochemistry, metabolic processes, molecular genetics, homeostasis, and biotechnology. Emphasis will be placed on the achievement of detailed knowledge and the refinement of skills needed for further study in various branches of the life sciences and related fields.

**Prerequisite: SBI3U; SCH3U recommended**

## CHEMISTRY ELECTIVE

## SCH4U AP OPTION

This course enables students to deepen their understanding of chemistry through the study of organic chemistry, the structure and properties of matter, energy changes and rates of reaction, equilibrium in chemical systems, and electrochemistry. Students will further develop their problem-solving and investigation skills as they investigate chemical processes, and will refine

their ability to communicate scientific information. Emphasis will be placed on the importance of chemistry in everyday life and on evaluating the impact of chemical technology on the environment. **Prerequisite: SCH3U**

## PHYSICS

ELECTIVE

This course enables students to deepen their understanding of physics concepts and theories. Students will continue their exploration of energy transformations and the forces that affect motion, and will investigate electrical, gravitational, and magnetic fields and electromagnetic radiation. Students will also explore the wave nature of light, quantum mechanics, and special relativity. They will further develop their scientific investigation skills, learning, for example, how to analyse, qualitatively and quantitatively, data related to a variety of physics concepts and principles. Students will also consider the impact of technological applications of physics on society and the environment. **Prerequisite: SPH3U**

## INTERDISCIPLINARY STUDIES, (BIOTECH)

ELECTIVE

This course will help students develop and consolidate the skills required for and knowledge of different subjects and disciplines to solve problems, make decisions, create personal meaning, and present findings beyond the scope of a single

## SPH4U

AP OPTION

subject or discipline. Students will apply the principles and processes of inquiry and research to effectively use a range of print, electronic, and mass media resources; to analyse historical innovations and exemplary research; and to investigate real-life situations and career opportunities in interdisciplinary endeavours. They will also assess their own cognitive and affective strategies, apply general skills in both familiar and new contexts, create innovative products, and communicate new knowledge.

Specifically, the course sets out to explain the exciting advances in biology and biotechnology. In this rapidly changing field, the need to provide crucial background information has never been more urgent. In addition to providing the latest information on scientific foundations and technological applications of biotechnology, the course provides numerous activities to bring this exciting science to life. This course also addresses biotechnology applications and attendant societal issues including therapeutic cloning, embryonic stem cells, genetic testing, food safety, and potential environmental impacts.

**Prerequisite: SCH3U, SBI3U**

**Co-requisite: SCH4U, SBI4U**

## DRAMATIC ARTS

ELECTIVE

This course requires students to experiment individually and collaboratively with forms and conventions of both drama and theatre from various cultures and time periods. Students will interpret dramatic literature and other texts and media sources while learning about various theories of

## ADA4M

directing and acting. Students will examine the significance of dramatic arts in various cultures, and will analyse how the knowledge and skills developed in drama are related to their personal skills, social awareness, and goals beyond secondary school. **Prerequisite: ADA3M**

**MUSIC** **AMU4U**  


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 ELECTIVE

This course enables students to enhance their musical literacy through the creation, appreciation, analysis, and performance of music. Students will perform traditional, commercial, and art music, and will respond with insight to live and recorded performances. Students will enhance their understanding of the function of music in society and the impact of music on themselves and various communities and cultures. Students will analyse how to apply skills developed in music to their life and careers. Students must attend mandatory band practice after school. *A mandatory music fee of \$100 and instrument rental fee of \$100 (if applicable) is associated with this course.* **Prerequisite: AMU3M**

**MEDIA ARTS** **ASM4M**  


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 ELECTIVE

This course emphasizes the refinement of media arts skills through the creation of a thematic body of work by applying traditional and emerging technologies, tools, and techniques such as multi-media, computer animation, installation art, and

performance art. Students will develop works that express their views on contemporary issues and will create portfolios suitable for use in either career or postsecondary education applications. Students will critically analyse the role of media artists in shaping audience perceptions of identity, culture, and community values. *A materials fee of \$40 is associated with this course.*

**Prerequisite: ASM30**  
**VISUAL ARTS** **AVI4M**  


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 ELECTIVE

This course focuses on enabling students to refine their use of the creative process when creating and presenting two- and three-dimensional art works using a variety of traditional and emerging media and technologies. Students will use the critical analysis process to deconstruct art works and explore connections between art and society. The studio program enables students to explore a range of materials, processes, and techniques that can be applied in their own art production. Students will also make connections between various works of art in personal, contemporary, historical, and cultural contexts. **Prerequisite: AVI30**

**STUDIES IN**  
**LITERATURE** **ETS4U**  


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 ELECTIVE

This course is for students with a special interest in literature and literary criticism. The course may focus on themes, genres, time periods, or countries. Students will analyse a range of forms and

stylistic elements of literary texts and respond personally, critically, and creatively to them. They will also assess critical interpretations, write analytical essays, and complete an independent study project. **Prerequisite: ENG3U**

## FRENCH FSF4U

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ELECTIVE AP OPTION

This course provides extensive opportunities for students to speak and interact in French independently. Students will develop their listening, speaking, reading, and writing skills, apply language learning strategies in a wide variety of real-life situations, and develop their creative and critical thinking skills through responding to and interacting with a variety of oral and written texts. They will also enrich their understanding and appreciation of diverse French-speaking communities, and will develop skills necessary for lifelong language learning. **Prerequisite: FSF3U**

## CANADIAN & CGW4U

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WORLD ISSUES CGW4U

ELECTIVE

This course examines global challenges of creating a sustainable and equitable future, focusing on current issues that illustrate these challenges. Students will investigate a range of topics, including cultural, economic, and geopolitical relationships, regional disparities in the ability to meet basic human needs, and protection of the natural environment. Students will use geotechnologies

and skills of geographic inquiry and analysis to develop and communicate balanced opinions about the complex issues facing Canada and a world that is interdependent and constantly changing. **Prerequisite: any university, university/college preparation course in social sciences and humanities, English, or Canadian and world studies**

## WORLD GEOGRAPHY CGU4U

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ELECTIVE AP OPTION

This course examines how humans interact with their natural environments and with each other. Students will study the influence of spatial, political, economic, and social factors on settlement patterns, human migration, cultural change, globalization, and environmental trends. Students will use geotechnologies and skills of geographic inquiry and analysis to extend their knowledge of human geography and to identify and explain current trends and patterns, and predict future ones. **Prerequisite: any university, university/college preparation course in social sciences and humanities, English, or Canadian and world studies**

## CANADA: HISTORY, CHI4U

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IDENTITY & CULTURE CHI4U

ELECTIVE

This course explores the challenges associated with the formation of a Canadian national identity. Students will examine the social, political, and economic forces that have shaped Canada from the pre-contact period to the present and will

investigate the historical roots of contemporary issues from a variety of perspectives. Students will use critical-thinking and communication skills to consider events and ideas in historical context, debate issues of culture and identity, and present their own views. **Prerequisite: any university, university/college preparation course in social sciences and humanities, English, or Canadian and world studies**

**WORLD HISTORY** **CHY4U**  
 ELECTIVE AP OPTION

This course investigates the major trends in Western civilization and world history from the sixteenth century to the present. Students will learn about the interaction between the emerging West and other regions of the world and about the development of modern social, political, and economic systems. They will use critical-thinking and communication skills to investigate the historical roots of contemporary issues and present their conclusions. **Prerequisite: Any university or university/college preparation course in Canadian and world studies, English, or social sciences and humanities**

**CHALLENGE & CHANGE IN SOCIETY** **HSB4M**  
 ELECTIVE

This course examines the theories and methodologies used in anthropology, psychology, and sociology to investigate and explain shifts in beliefs, attitudes, knowledge, and behaviour and their impact on society. Students will analyse cultural, social, and biological patterns in human societies, looking at the ways in which those patterns change over time. Students will also explore the ideas of classical and contemporary social theorists, and will apply those ideas to the analysis of contemporary trends. **Prerequisite: any university/college preparation course in social sciences and humanities, English or Canadian and world studies**

**FINANCIAL ACCOUNTING PRINCIPLES** **BAT4M**  
 ELECTIVE

This course introduces students to advanced accounting principles that will prepare them for postsecondary studies in business. Students will learn about financial statements for various forms of business ownership and how those statements are interpreted in making business decisions. This course expands students' knowledge of sources of financing, further develops accounting methods for assets, and introduces accounting for corporations. **Prerequisite: BAF3M**

## INTERNATIONAL BUSINESS FUNDAMENTALS BBB4M

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ELECTIVE

This course provides an overview of the importance of international business and trade in the global economy and explores the factors that influence success in international markets. Students will learn about the techniques and strategies associated with marketing, distribution, and managing international business effectively. This course prepares students for post-secondary programmes in business, including international business, marketing, and management.

**Prerequisite: any university, university/college preparation course in business studies, English, or Canadian and world studies**

## ANALYSING CURRENT ECONOMIC ISSUES CIA4U

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ELECTIVE AP OPTION

This course investigates the nature of a competitive global economy and explores how individuals and societies can gain the information they need to make appropriate economic decisions. Students will learn about the principles of macroeconomics, apply economic models and concepts to interpret economic information, assess the validity of statistics, and investigate marketplace dynamics. Students will use economic inquiry and communication skills to analyse economic issues,

make informed judgements, and present findings.  
**Prerequisite: any university, university/college preparation course in social sciences and humanities, English, or Canadian and world studies**

## CANADIAN & INTERNATIONAL LAW CLN4U

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ELECTIVE

This course examines elements of Canadian and international law in social, political, and global contexts. Students will study the historical and philosophical sources of law and the principles and practices of international law and will learn to relate them to issues in Canadian society and the wider world. Students will use critical-thinking and communication skills to analyse legal issues, conduct independent research, and present the results of their inquiries in a variety of ways.

**Prerequisite: any university, university/college preparation course in social sciences and humanities, English, or Canadian and world studies**

## CANADIAN & WORLD POLITICS CPW4U

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ELECTIVE

This course examines Canadian and world politics from a variety of perspectives. Students will investigate the ways in which individuals, groups, and states work to influence domestic and world events, the role of political ideologies in national and international politics, and the dynamics of

international co-operation and conflict resolution. Students will apply critical thinking and communication skills to develop and support informed opinions about current political conflicts, events, and issues. **Prerequisite: any university, university/college preparation course in social sciences and humanities, English, or Canadian and world studies**

## COMPUTER & INFORMATION SCIENCE ICS4U

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ELECTIVE

This course enables students to further develop knowledge and skills in computer science. Students will use modular design principles to create complex and fully documented programs, according to industry standards. Student teams will manage a large software development project, from planning through to project review. Students will also analyse algorithms for effectiveness. They will investigate ethical issues in computing and further explore environmental issues, emerging technologies, areas of research in computer science, and careers in the field.

**Prerequisite: ICS3U**

## INTRODUCTORY KINESIOLOGY PSK4U

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ELECTIVE

This course focuses on the study of human movement and of systems, factors, and principles involved in human development. Students will learn about the effects of physical activity on health and performance, the evolution of physical activity and sport, and the physiological, psychological, and social factors that influence an individual's participation in physical activity and sport. The course prepares students for university programs in physical education and health, kinesiology, health sciences, health studies, recreation, and sports administration. **Prerequisite: Any Grade 11 university or university/college preparation course in science, or any Grade 11 or 12 course in health and physical education**