GRADE: 9

Arts

ADA1O Dramatic Arts
This course provides opportunities for students to explore dramatic forms and techniques, using material from a wide range of sources and cultures. Students will use the elements of drama to examine situations and issues that are relevant to their lives. Students will create, perform, discuss, and analyse drama, and then reflect on the experiences to develop an understanding of themselves, the art form, and the world around them.

CREDIT: 1 **TYPE:** Open **GRADE:** 9

AMU1O Music
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 processes 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.

CREDIT: 1 **TYPE:** Open **GRADE:** 9

AVI1O Visual Arts
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.

CREDIT: 1 **TYPE:** Open **GRADE:** 9

NAC1O Expressing Aboriginal Cultures
This course explores various First Nations, Métis, and Inuit art forms (media arts, music, dance, drama, storytelling, visual art, installation and performance art, clothing design, and architectural design), giving students the opportunity to create, present, and analyse integrated art works infused with First Nations, Métis, and Inuit perspectives. Students will examine relationships between art forms and individual and cultural identities, histories, and values. Students will demonstrate innovation as they learn and apply art-related concepts, styles, and conventions and acquire skills that are transferable beyond the classroom. Students will use the creative process and responsible practices to explore solutions to integrated arts challenges.

CREDIT: 1 **TYPE:** Open **GRADE:** 9

Canadian & World Studies

Geography

CGC1D Geography of Canada
This course examines interrelationships within and between Canada's natural and human systems and how these systems interconnect with those in other parts of the world. Students will explore environmental, economic, and social geographic issues relating to topics such as transportation options, energy choices, and urban development. Students will apply the concepts of geographic thinking and the geographic inquiry process,

including spatial technologies, to investigate various geographic issues and to develop possible approaches for making Canada a more sustainable place in which to live.

CREDIT: 1 **TYPE:** Academic **GRADE:** 9

CGC1P Geography of Canada

This course focuses on current geographic issues that affect Canadians. Students will draw on their personal and everyday experiences as they explore issues relating to food and water supplies, competing land uses, interactions with the natural environment, and other topics relevant to sustainable living in Canada. They will also develop an awareness that issues that effect their lives in Canada are interconnected with issues in other parts of the world. Throughout the course, students will use the concepts of geographic thinking, the geographic inquiry process, and spatial technologies to guide and support their investigations.

CREDIT: 1 **TYPE:** Applied **GRADE:** 9

Computer Information & Technology

BTT1O Information and Communication Technology in Business

This course introduces students to information and communication technology in a business environment and builds a foundation of digital literacy skills necessary for success in a technologically driven society. Students will develop word processing, spreadsheet, database, desktop publishing, presentation software, and website design skills. Throughout the course, there is an emphasis on digital literacy, effective electronic research and communication skills, and current issues related to the impact of information and communication technology.

CREDIT: 1 **TYPE:** Open **GRADE:** 9

English

ENG1D English

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 informational 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. The course is intended to prepare students for the Grade 10 academic English course, which leads to university or college preparation courses in Grades 11 and 12.

CREDIT: 1 **TYPE:** Academic **GRADE:** 9

ENG1L English

This course provides foundational literacy and communication skills to prepare students for success in their daily lives, in the workplace, and in the Grade 10 Locally Developed Compulsory Course. The course is organized into strands that develop listening and talking skills, reading and viewing skills, and writing skills. In all strands, the focus is on developing foundational literacy skills and on using language clearly and accurately in a variety of authentic contexts. Students develop strategies and put into practice the processes involved in talking, listening, reading, viewing, writing, and thinking, and reflect regularly upon their growth in these areas.

CREDIT: 1 **TYPE:** Locally Developed **GRADE:** 9

ENG1P English

This course is designed to develop the key oral communication, reading, writing, and media literacy skills

students need for success in secondary school and daily life. Students will read, interpret, and create a variety of informational, literary, and graphic texts. An important focus will be on identifying and using appropriate strategies and processes to improve students' comprehension of texts and to help them communicate clearly and effectively. The course is intended to prepare students for the Grade 10 applied English course, which leads to college or workplace preparation courses in Grades 11 and 12.

CREDIT: 1 **TYPE:** Applied **GRADE:** 9

French as a Second Language

FSF1D Core French

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.
COURSE NOTE: Prerequisite: Minimum of 600 hours of French instruction or equivalent.

CREDIT: 1 **TYPE:** Academic **GRADE:** 9

FSF1P Core French

This course provides opportunities for students to communicate and interact in French in structured situations, with a focus on everyday topics, and to apply their knowledge of French in everyday situations. Students will develop listening, speaking, reading, and writing skills introduced in the elementary Core French program, through practical applications and concrete examples, and will use 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.
COURSE NOTE: Prerequisite: Minimum of 600 hours of French instruction or equivalent.

CREDIT: 1 **TYPE:** Applied **GRADE:** 9

Health & Physical Education

PAL1O Hockey Canada Skills Academy

This course emphasizes students'daily participation in a variety of enjoyable physical activities that promote lifelong healthy active living. Students will learn movement techniques and principles, ways to improve personal fitness and physical competence, and safety/injury prevention strategies. Although students will participate in a variety of sports, the emphasis of this course is on hockey skill development. There are approximately 30 on-ice sessions to develop fitness and skills. They will also investigate issues related to healthy sexuality and the use and abuse of alcohol, tobacco, and other drugs and will participate in activities designed to develop goal-setting, communication, and social skills. All students are eligible for the Hockey Canada Skills Academy regardless of gender or skill level. *Full equipment and a course fee of approximately $150.00 is required. Candidates may be subjected to a selection process. **Note: Students are permitted to take both PPL1O F/M and PAL1O (A second credit in physical education will be awarded).
COURSE NOTE: NB: All courses offered in this department are subject to approval by the staffing committee. Those courses with insufficient numbers MAY not run.

CREDIT: 1 **TYPE:** Open **GRADE:** 9

PPL1OB Healthy Active Living Education - Male

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. *Note: Students are permitted to take both PPL1OM and PAL1O (A second credit in physical education will be awarded).
COURSE NOTE: NB: All courses offered in this department are subject to approval by the staffing committee. Those courses with insufficient numbers MAY not run.

CREDIT: 1 **TYPE:** Open **GRADE:** 9

PPL1OG Healthy Active Living Education - Female

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. *Note: Students are permitted to take both PPL1OF and PAL1O (A second credit in physical education will be awarded).
COURSE NOTE: NB: All courses offered in this department are subject to approval by the staffing committee. Those courses with insufficient numbers MAY not run.

CREDIT: 1 **TYPE:** Open **GRADE:** 9

Mathematics

MAT1L Mathematics (Locally Developed)

This course emphasizes further development of mathematical knowledge and skills to prepare students for success in their everyday lives, in the workplace, in the Grade 10 LDCC course, and in the Mathematics Grade 11 and Grade 12 Workplace Preparation courses. The course is organized by three strands related to money sense, measurement, and proportional reasoning. In all strands, the focus is on developing and consolidating key foundational mathematical concepts and skills by solving authentic, everyday problems. Students have opportunities to further develop their mathematical literacy and problem-solving skills, and to continue developing their skills in reading, writing and oral language through relevant and practical math activities. Successful completion of this course prepares students grade for the 10 Locally Developed Math.

CREDIT: 1 **TYPE:** Locally Developed **GRADE:** 9

MFM1P Foundations of Mathematics

This course enables students to develop an understanding of mathematical concepts related to introductory algebra, proportional reasoning, and measurement and geometry through investigation, the effective use of technology, and hands-on activities. Students will investigate real-life examples to develop various representations of linear relations, and will determine the connections between the representations. They will also explore certain relationships that emerge from the measurement of three-dimensional figures and two-dimensional shapes. Students will consolidate their mathematical skills as they solve problems and communicate their thinking. Successful completion of this course prepares students for Foundations of Mathematics, Grade 10, Applied (MFM2P). (Note: Students who wish to take Principles of Mathematics, Grade 10,Academic (MPM2D) after completing this course will need to take a transfer course MPM1H.) Learning through hands-on activities and the use of concrete examples is an important aspect of this course.

CREDIT: 1 **TYPE:** Applied **GRADE:** 9

MPM1D Principles of Mathematics

This course enables students to develop an understanding of mathematical concepts related to algebra, analytic geometry, and 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. Successful completion of this course prepares students for Principles of Mathematics, Grade 10, Academic (MPM2D) or Foundations of Mathematics, Grade 10, Applied (MFM2P) Learning through abstract reasoning is an important aspect of this course.

CREDIT: 1 **TYPE:** Academic **GRADE:** 9

Native Studies

LNAAO Cayuga Language, Level 1

This course is open to the entire student body and will allow students who have no prior Cayuga language to develop an appreciation for Cayuga language and culture, to explore and experience a unique world view, and to learn to speak Cayuga language. Students will use the Cayuga language for greetings and daily routines, become familiar with its writing and sound system, and practise basic vocabulary and phrases. Students will also use information technology during course-related activities.

CREDIT: 1 **TYPE:** Open **GRADE:** 9

NAC1O Expressing Aboriginal Cultures

This course explores various First Nations, Métis, and Inuit art forms (media arts, music, dance, drama, storytelling, visual art, installation and performance art, clothing design, and architectural design), giving students the opportunity to create, present, and analyse integrated art works infused with First Nations, Métis, and Inuit perspectives. Students will examine relationships between art forms and individual and cultural identities, histories, and values. Students will demonstrate innovation as they learn and apply art-related concepts, styles, and conventions and acquire skills that are transferable beyond the classroom. Students will use the creative process and responsible practices to explore solutions to integrated arts challenges.

CREDIT: 1 **TYPE:** Open **GRADE:** 9

Science

SNC1D Science

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.
COURSE NOTE: NB: All courses offered in this department are subject to approval by the staffing committee. Those courses with insufficient numbers MAY not run.

CREDIT: 1 **TYPE:** Academic **GRADE:** 9

SNC1L Science (Locally Developed)

This course emphasizes reinforcing and strengthening science-related knowledge and skills, including scientific inquiry, critical thinking and the relationship between science, society, and the environment, to prepare students for success in everyday life and in the workplace. Students explore a range of topics including science in daily life, properties of common materials, life-sustaining processes in simple and complex organisms, and electrical circuits. Students have the opportunity to extend mathematical and scientific process skills and to continue developing their skills in reading, writing, and oral language through relevant and practical science activities.
COURSE NOTE: NB: All courses offered in this department are subject to approval by the staffing committee. Those courses with insufficient numbers MAY not run.

CREDIT: 1 **TYPE:** Locally Developed **GRADE:** 9

SNC1P Science
This course enables students to develop their understanding of basic concepts in biology, chemistry, earth and space science, and physics, and to apply their knowledge of science to everyday situations. They are also given opportunities to develop practical skills related to scientific investigation. Students will plan and conduct investigations into practical problems and issues related to the impact of human activity on ecosystems; the structure and properties of elements and compounds; space exploration and the components of the universe; and static and current electricity.
COURSE NOTE: NB: All courses offered in this department are subject to approval by the staffing committee. Those courses with insufficient numbers MAY not run.

CREDIT: 1 **TYPE:** Applied **GRADE:** 9

Social Sciences & Humanities

HIF1O Exploring Family Studies
This course explores, within the context of families, some of the fundamental challenges people face: how to meet basic needs, how to relate to others, how to manage resources, and how to become responsible members of society. Students will explore adolescent development and will have opportunities to develop interpersonal, decision-making, and practical skills related to daily life. They will learn about the diverse ways in which families function in Canada and will use research skills as they explore topics related to individual and family needs and resources.
COURSE NOTE: **NB: Students can obtain a credit in either HIF1O or HIF2O.

CREDIT: 1 **TYPE:** Open **GRADE:** 9

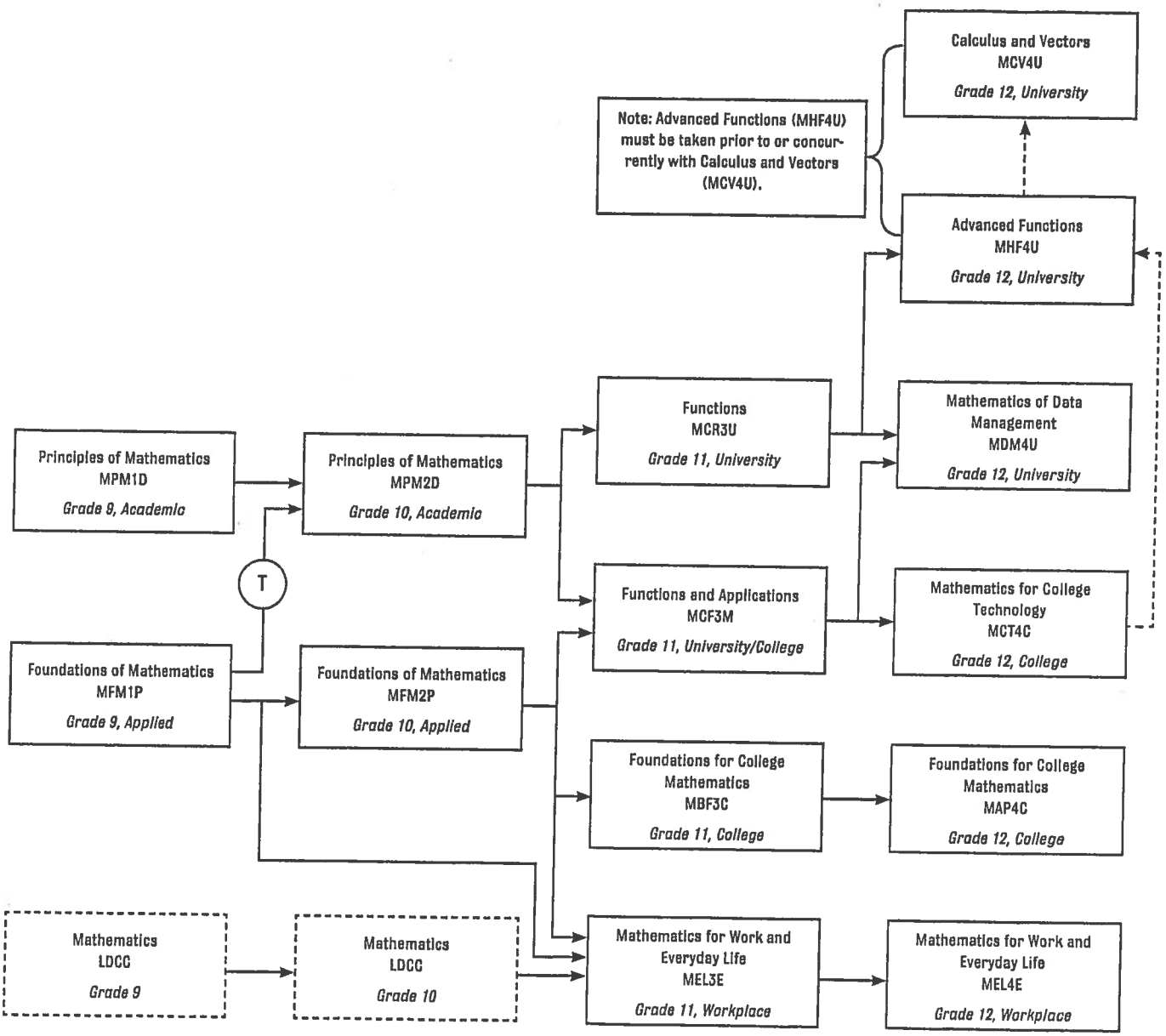
Technological Studies

TIJ1O Exploring Technologies
This course enables students to further explore and develop technological knowledge and skills introduced in the elementary science and technology program. Students will be given the opportunity to design and create products and/or provide services related to the various technological areas or industries, working with a variety of tools, equipment, and software commonly used in industry. Students will develop an awareness of environmental and societal issues, and will begin to explore secondary and postsecondary education and training pathways leading to careers in technology-related fields.
COURSE NOTE: NB: All courses offered in this department are subject to approval by the staffing committee. Those courses with insufficient numbers MAY not run.

CREDIT: 1 **TYPE:** Open **GRADE:** 9

Prerequisite Chart for Mathematics, Grades 9–12

This chart maps out all the courses in the discipline and shows the links between courses and the possible prerequisites for them. It does not attempt to depict all possible movements from course to course.

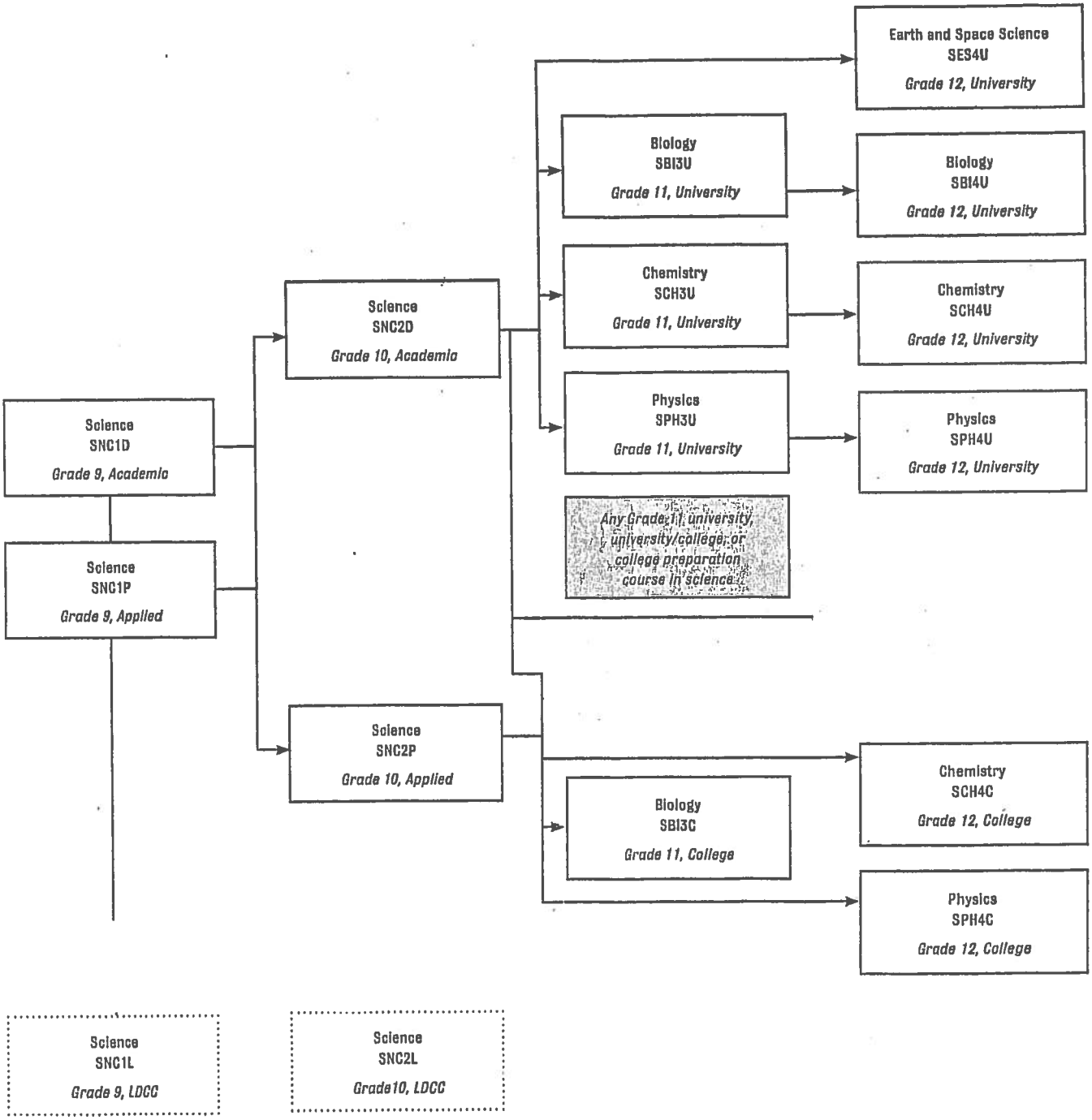


Notes:

- T – transfer course
- LDCC – locally developed compulsory credit course (LDCC courses are not outlined in the curriculum document.)

Prerequisite Chart for Science, Grades 9–12

This chart maps out all the courses in the discipline and shows the links between courses and the prerequisites for them. It does not attempt to depict all possible movements from course to course.

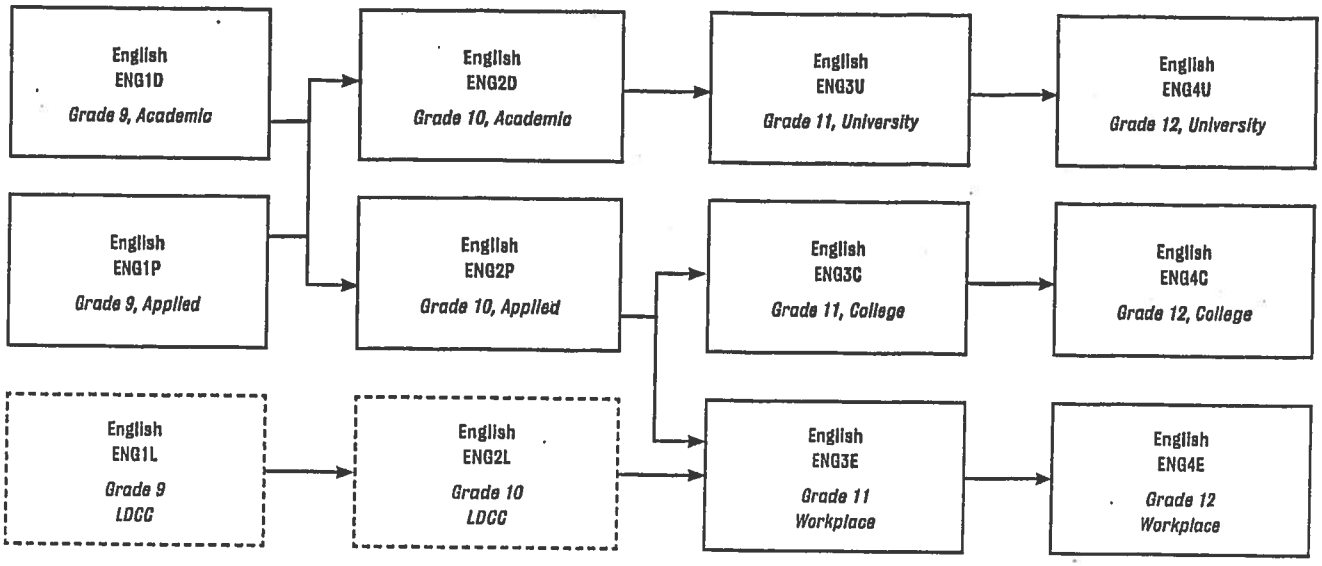


Note: Dotted lines represent locally developed compulsory credit courses (LDCCs), which are not outlined in the curriculum document.

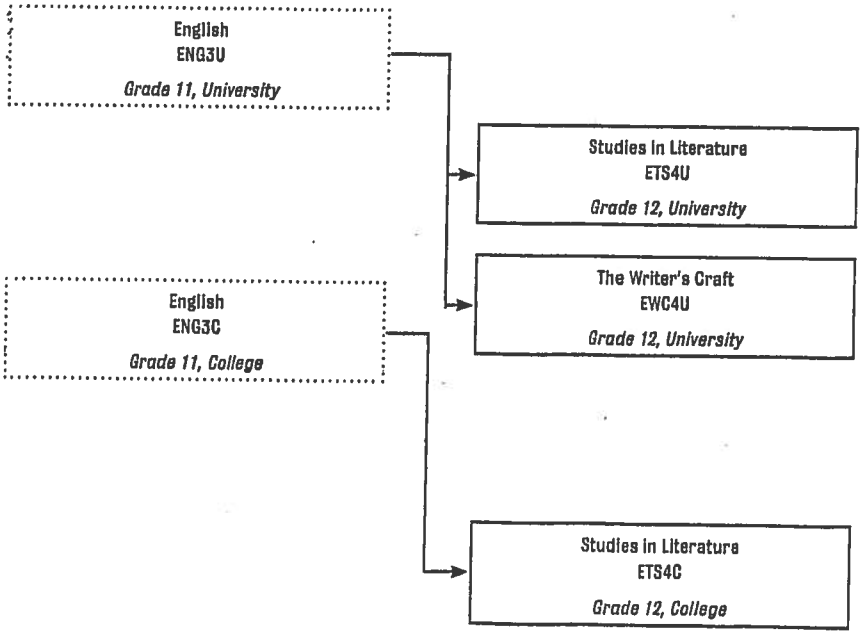
Prerequisite Charts for English, Grades 9–12

These charts map out all the courses in the discipline and show the links between courses and the possible prerequisites for them. They do not attempt to depict all possible movements from course to course.

Compulsory Courses



Optional Courses



Note: Dotted lines represent compulsory courses. Dashed lines represent courses that are not outlined in the curriculum document.