

REGINA DOMINICAN

INSPIRING GLOBAL LEADERSHIP

CATHOLIC | DOMINICAN | FEMALE-CENTERED | COLLEGE PREP

2017-2018

CURRICULUM GUIDE



701 Locust Road
Wilmette, IL 60091
847-256-7660

MISSION STATEMENT

Regina Dominican, a college preparatory Catholic high school for young women, sponsored by the Adrian Dominicans, fosters academic excellence, truth, peace, and justice while challenging each student to develop leadership for life and respect for all races, cultures and faiths.

PHILOSOPHY

Regina Dominican is a Catholic institution dedicated to the Christian education of young women. Guided by the Adrian Dominican tradition of scholarship in the pursuit of truth and justice, Regina Dominican graduates are challenged to exercise their education and Christian faith to empower themselves and others to live quality lives.

A college preparatory high school, Regina Dominican fosters academic excellence not only as a means to an end but also as a worthwhile process in the development of an educated woman. A Regina Dominican education integrates the humanities and sciences, encouraging students to see relationships among the various academic disciplines. The skills of interpretation, analysis, evaluation, and expression are cultivated through the mastery of content and concepts. Each student is challenged to achieve her potential for excellence in an atmosphere where learning is experienced as a cooperative enterprise.

In order to address the unique spiritual and emotional development of women in the twenty-first century, Regina Dominican complements the work of the family and provides an environment that encourages and supports opportunities for the adolescent to become self-actualizing. Endorsement of the leadership roles of women in the church and society permeates the academic and extracurricular programs. Through experiences that provide spiritual and psychological integration of the young woman, each Regina Dominican graduate is equipped to be an active decision-maker throughout her life.

Regina Dominican prepares its students to act responsibly in our rapidly changing, multi-cultural society. To this end, the curriculum and related areas emphasize a respect for various traditions and an awareness of our global community. Regina Dominican challenges each young woman to experience a love for truth and beauty, an appreciation of justice, and a respect for the world.

EDUCATIONAL OUTCOMES

The administration, faculty, and staff of Regina Dominican support and challenge young women toward their development in Christian ideals. It is hoped that each graduate of Regina Dominican:

- I. Lives a quality life as an expression of Gospel values:
 - A. Values her faith;
 - B. Recognizes the value of prayer;
 - C. Reflects on her life in response to the Gospel message;
 - D. Develops a sense of belonging through her relationships with others;
 - E. Relates to others with sensitivity and compassion;
 - F. Makes moral decisions based on religious values;
 - G. Respects all creation;
 - H. Responsibly uses and shares the earth's resources;
 - I. Promotes peaceful global interdependence;
 - J. Challenges unjust and oppressive systems;
 - K. Works toward the creation of a just society.

- II. Values education as a developmental process:
 - A. Recognizes the acquisition, integration and creation of knowledge as a life-long pursuit;
 - B. Appreciates ways in which the humanities and sciences inform one another;
 - C. Values learning as a cooperative enterprise;
 - D. Engages critically and constructively in exchange of ideas;
 - E. Demonstrates effective communication in both oral and written expression;
 - F. Demonstrates the use of critical thinking skills (e.g., analysis, synthesis, evaluation);
 - G. Engages in risk-taking in the learning process;
 - H. Utilizes current and emergent technology in an ethical, effective, and efficient manner.

- III. Demonstrates a life-long commitment to becoming a self-actualized woman:
 - A. Values herself as a woman;
 - B. Accepts the challenges of personal growth;
 - C. Exhibits self-reliance and self-confidence;
 - D. Demonstrates a sense of personal integrity;
 - E. Possesses a sense of joy and resilience;
 - F. Demonstrates responsible decision-making;
 - G. Accepts responsibility for her actions;
 - H. Faces conflict assertively and empathetically;
 - I. Makes choices consistent with a holistic life style.

IV. Acts reflectively and responsibly in a multi-cultural world:

- A. Demonstrates an openness to life's experiences;
- B. Acknowledges the past and present as significant influences on the future;
- C. Recognizes the interdependence of the global community;
- D. Demonstrates an appreciation of cultural and religious diversity;
- E. Respects the views of others while mutually working toward the betterment of society;
- F. Assumes responsibility as a leader in religion and society;
- G. Initiates and engages in activities that promote the creation of a just and peaceful society.

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Regina Dominican High School admits students of any race, color, national/ethnic origin, or mental or physical handicap which does not preclude the adequate provision of services, to all the rights, privileges, programs and activities generally accorded or made available to students of this school.

Regina Dominican High School does not discriminate on the basis of race, color, national/ethnic origin, or mental or physical handicap that does not preclude the adequate provision of services, the administration of educational policies, loan programs, athletic or other school-administered programs.

NOTE: Department Approval throughout this Guide means two or more teachers and/or professionals are consulted.

ACADEMIC MATTERS

Regina Dominican is a four-year college preparatory high school for young women.

GRADUATION REQUIREMENTS

The following credits must be earned during the regular school year at Regina Dominican.

Theology	4	credits
English	4	credits
Mathematics	3	credits
Social Studies	3	credits
World Languages	2	credits
Laboratory Science	3	credits
Physical Education	1.5	credits
Fine Arts	1	credit
Communications	.5	credit
Electives	4	credits
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TOTAL	26	credits

Theology: One credit for each year of attendance at Regina Dominican.

World Languages: Two credits must be earned in one language.

Please refer to each department listing for specific information regarding course requirements.

IN ADDITION TO THE ABOVE REQUIREMENTS STUDENTS MUST:

- 1) Be enrolled in seven courses each semester as freshman and sophomores and at least six courses during each semester as juniors and seniors. Under special circumstances, the principal in consultation with the academic dean may waive this requirement.
- 2) Ordinarily students take all required courses at Regina Dominican. Under special circumstances, the principal in consultation with the academic dean may grant exceptions.
- 3) Pass standardized examinations in senior year on the Constitution of the United States and of the State of Illinois.

CORE PROGRAM OF STUDIES

<u>FRESHMAN</u>	<u>SOPHOMORE</u>	<u>JUNIOR</u>	<u>SENIOR</u>
Theology	Theology	Theology	Theology
English	English	English	English
Mathematics	Mathematics	Mathematics	U.S Government & Politics
Social Studies	Social Studies	3-4 Electives	3.5-4.5 Electives
Physical Ed/ Pres. Speaking	Physical Ed/ Health		
2 Electives	2 Electives		

COURSE LEVELS

The Regina Dominican curriculum provides courses at three levels of challenge. The level of a course determines the number of quality points assigned to grades in the grading scale.

Properly used, level placement is a way of assisting students to reach their highest potential by providing appropriate levels of challenge and difficulty in selected subject areas. Placement recommendations are based upon a student's aptitude and achievement test scores as well as performance. Therefore, a student may be in different levels of courses in various subject areas.

ADVANCED PLACEMENT PROGRAM

Regina Dominican participates in the College Board Advanced Placement Program. The AP courses are college level courses taught by Regina Dominican's faculty. At the end of the course, the student takes an AP exam and, depending on the results, she may be able to earn college credit.

AP Courses at Regina Dominican

English Language	Latin Vergil	Physics
English Literature	Calculus AB	U.S. History
Music Theory	Calculus BC	European History
French IV	Biology	U.S. Government & Politics
Spanish IV	Chemistry	

GRADING

A system of weighted grades is assigned to the respective course levels. Weighted semester grades determine a student's cumulative grade point average (GPA). Semester grades become part of a student's permanent record.

	LEVEL I	LEVEL II	LEVEL III
100-99 A+	4.33	5.33	6.33
98-95 A	4.00	5.00	6.00
94-93 A-	3.66	4.66	5.66
92-91 B+	3.33	4.33	5.33
90-87 B	3.00	4.00	5.00
86-85 B-	2.66	3.66	4.66
84-83 C+	2.33	3.33	4.33
82-79 C	2.00	3.00	4.00
78-77 C-	1.66	2.66	3.66
76-75 D+	1.33	2.33	3.33
74-72 D	1.00	2.00	3.00
71-70 D-	.66	1.66	2.66
69-00 F	0	0	0

I = Incomplete
W = Withdrawal
P = Pass

PREPARATION FOR COLLEGE ADMISSION

It is the objective of the Regina Dominican Student Services Department to provide post-high school planning opportunities for all students by advising them in exploring, defining and applying knowledge and skills that prepare them for higher education.

It is critical that students and parents/guardians begin to consider the general requirements for college admission as soon as possible. College admission requirements vary; therefore, it is strongly recommended that the student consult with college admission representatives for the most accurate information regarding individual entrance requirements. As you will note on page 6 of this guide, Regina Dominican's graduation requirements are aligned with many college admission requirements. It is for this reason that all students are encouraged to adhere to these graduation requirements. College applications are evaluated based on many factors including a student's individual curriculum, cumulative grade point average and performance on standardized college entrance exams. Therefore, most colleges and universities are interested in assessing students from a holistic perspective, which includes student involvement in co-curricular, community and service activities in addition to a high standard of academic excellence.

At Regina Dominican, students are guided through the college search process with personalized attention and are encouraged to explore specific colleges and careers by using resources available in the Student Services Department and on the Internet. Students meet with the college counselor beginning in the spring of their junior year and throughout senior year, as needed, in order to offer assistance during the college application process. However, any student and/or her parents/guardians are invited to schedule an appointment with the college counselor at any time to discuss post-secondary options.

Regina Dominican High School is accredited by the AdvancEd Association of Colleges and Secondary Schools, and recognized by the Illinois State Board of Education and the National Catholic Education Association. Colleges and universities in the United States recognize course credits earned at Regina Dominican High School.

TECHNOLOGY

Technology augments student development through the integration of critical thinking throughout all academic areas. As a 1:1 iPad school, Regina Dominican is committed to developing the skills needed for academic research. Technology also provides both the tools to complete assessments and the means to maximize the effectiveness of presentations. Supervised and independent use of various information resources allows students to research questions and issues through globally available libraries, databases, and subject matter experts throughout the world.

THEOLOGY

The Theology Department embodies the mission of the Church and integrates the Adrian Dominican mission and vision for the education of young women. The Dominican charism and its pursuit of truth, justice, and peace provide the framework for learning and Christian practice. Courses offer opportunities for students both to understand and apply their faith. Students explore Catholic beliefs, scripture, church history, sacraments, personal and social ethics, comparative religions, spirituality, and philosophy. Women's spiritual, intellectual, and emotional development and the contributions of women in religion and society, permeate the Theology curriculum.

FRESHMAN YEAR

Foundations of Faith/Hebrew Scripture 1 Year

SOPHOMORE YEAR

Christian Scripture/Sacraments 1 Year

JUNIOR YEAR

Catholic Social Teaching/Morality 1 Year

SENIOR YEAR

Two of the following:

World Religions 1 Semester

The Catholic Spirit 1 Semester

Philosophy 1 Semester

Women's Spirituality 1 Semester

FOUNDATIONS OF FAITH (012)

Grade: 9

Level II

Prerequisite: None

One Semester

This course can be considered a survey or introduction to Catholicism. Touching on the major tenets of the faith, the material will challenge students to examine and reflect on their lives and relationships through a Catholic lens. Units include Salvation History, Jesus, the Church, and Being Catholic.

HEBREW SCRIPTURE (013)

Grade 9

Level II

Prerequisite: None

One Semester

This course covers substantial material in the Hebrew Scriptures, or Old Testament. Student objectives include reading and understanding scripture, appreciating major themes and issues contained in the Old Testament, reflecting on biblical truths and how they may apply to their own lives, and developing a deeper understanding of how God has worked in human history and prepared the world for his Incarnation.

CHRISTIAN SCRIPTURE (021)

Grade: 10

Level II

Prerequisites: None

One Semester

This course covers substantial material in the Christian Scriptures, as the New Testament is the most crucial source for understanding the meaning of “Jesus of History, Christ of Faith.” Topics include the origins, purpose, and meaning of Christian Scripture, especially the synoptic Gospels; Jesus the Christ’s historical reality and life in the first century of the Common Era; and the subsequent development of early Christianity. Students will reflect on the meaning of the Scriptures, both for the time of Jesus as well as for our modern world.

SACRAMENTS (023)

Grade 10

Level II

Prerequisites: None

One Semester

This course explores the seven Sacraments of the Catholic Church, the meaning of sign, symbol, and grace, and the Church’s function as the sacrament of Jesus to the world. Topics also include historical and theological themes within the Sacraments and a brief look at Church Tradition and history.

CATHOLIC SOCIAL TEACHING (032)

Grade: 11

Level II, III

Prerequisites: Level II: None

One Semester

Level III: 4.25 GPA, 4.25 average in Theology and English; Department Approval

This course examines and reflects upon the Church's mission of social justice. Students will learn about the Church's teachings on various social issues and their real-life applications. Topics include the development of Catholic Social Teaching, life issues, violence and discrimination, and American and global poverty.

MORALITY (034)

Grade 11

Level II, III

Prerequisites: Level II: None

One Semester

Level III: 4.25 GPA, 4.25 average in Theology and English; Department Approval

This course focuses on themes surrounding morality, viewed through the lens of the cardinal virtues. Student objectives include reflecting on the questions "what kind of person am I, and what kind of person do I want to become?"; understanding the Christian vision of morality and recognizing the sources of help available on their journey; and reflecting on moral virtues in the Christian life and applying those values to their own decisions and experiences.

WORLD RELIGIONS (041)

Grade: 12

Level II, III

Prerequisites: Level II: None

One Semester

Level III: 4.25 GPA, 4.25 average in Theology and English; Department Approval

This course covers some of the world's major religious traditions. Student objectives include becoming better acquainted with the basic dimensions of those faith traditions; gaining knowledge about the answers that each religion offers to those deep and fundamental human "religious questions;" and emerging from the course with an enhanced understanding of the people who adhere to these various religions.

THE CATHOLIC SPIRIT (o45)

Grade: 12

Level II, III

Prerequisites: Level II: None

One Semester

Level III: 4.25 GPA, 4.25 average in Theology and English; Department Approval

This course will explore both Christian teachings and the experience of being Catholic through several channels: film, literature, music, and art. Throughout the centuries, the Catholic faith has been handed on through a variety of media in addition to scripture; furthermore, the Holy Spirit continues to work in many ways, from high art to a song on the radio, in order to bring humanity closer to God. Topics include the Creed, Christian Mystery, Prayer, and Morality.

PHILOSOPHY (o47)

Grade: 12

Level III

Prerequisites: 4.25 GPA, 4.25 average in Theology and English; Department Approval

One Semester

This course explores philosophy as a way of thinking as students develop the skills of philosophical reasoning and argumentation. Topics include love, truth, knowledge, meaning, freedom, existence, God, and philosophical thought within its historical context. Students will relate philosophical concepts to the contemporary landscape of moral, religious, social, cultural and political thought by engaging various forms of media and class discussions.

WOMEN'S SPIRITUALITY (o48)

Grade: 12

Level II, III

Prerequisites: Level II: None

One Semester

Level III: 4.25 GPA, 4.25 average in Theology and English; Department Approval

This course examines a variety of Catholic women who have led by their own holy example. From the time of Jesus onward, female saints have contributed to the Church through their writings, mystical experiences, theological development, and often with their very lives. With a heavy emphasis on primary sources, the class surveys women saints throughout the ages along with several contemporary examples of what it means to be a holy woman in our modern world.

COMMUNICATION

Effective communication skills are critical to perform successfully in today's world. The Communication courses take an interdisciplinary, project-based approach of blending oral communication, research, correct source citation, and technology into a unified whole in order to help the student present her ideas in a thoughtful, polished, and professional manner.

PRESENTATIONAL SPEAKING (124)

Grade: 9

Level II

Prerequisites: None

One Semester

This required course integrates refinement of electronic research strategies, instruction in speech composition, development of effective PowerPoint programs, and training in speech delivery. In the process of preparing speeches for classroom presentation, students examine and practice elements of effective delivery. They study how to gather and evaluate information from Internet resources. They learn how to cite sources within a speech and in print using MLA format. They enhance their speech presentations by creating PowerPoint visual support. Successful completion of this course empowers the student to apply what she has learned in presentations that she will give throughout her academic and professional career.

ENGLISH LANGUAGE COMMUNICATION (129)

Grades: 9, 10, 11

Level I

One Semester/One year
depending on student
proficiency

This course is required for students for whom English is not a first language. Students for whom English is not a first language but have high written and oral proficiency in English may test out of this required course.

The course allows students to develop written and oral communication fluency in English by concentrating on the language itself. The course includes in-depth study of English pronunciation, grammar, vocabulary development, and comprehension. Students write original compositions, study writings of others, read aloud their own writings and those of model writers, and prepare extemporaneous speeches. Instruction is highly individualized to allow each student to develop her communication skills in English so that she may become a more proactive participant / learner in her other classes at Regina Dominican High School, in college, and in her future career.

ENGLISH

The English Department offers a sequential and structured study of American, British and World Literature courses, designed to meet the needs of students on all academic levels, including honors and Advanced Placement. Genre study includes short stories, novels, plays, poetry, mythology and non-fiction with an emphasis on varying cultural and historical influences as well as the particular context. Through the study of literature, students evaluate moral and social themes from a wide range of classical and contemporary authors. Additional electives in areas such as journalism, newspaper and yearbook production, and creative writing support the department's goal of fostering an appreciation of language in its various forms of expression.

Equally important, the English Department provides a sequential four-year writing program, as detailed in our Writing Curriculum and Benchmark documents. Writing, rewriting, and conferencing with instructors help students foster clear thinking and logical arguments. Students use scholarly research and technology to develop and support their points of view.

In the English classroom, students are challenged to think critically, express ideas effectively, listen attentively and develop a strong individual voice. The stimulating classroom atmosphere that results allows for serious reflection on the power of the English language and communication.

English Courses: Flow Chart

1ST YEAR	2ND YEAR	3RD YEAR	4TH YEAR
Literary Genres I (110)	American Literature I (120)	British Literature I (130)	World Literature (153) College Writing (142)
Literary Genres II (112)	American Literature (122)	British Literature II (132)	College Writing (142) World Literature (153)
Honors Literary Genres III (113)	Honors American Literature III (123)	Honors British Literature III (135)	AP English: Literature and Composition (155)
		AP English: Language and and Composition (139)	AP English: Language and Composition (139)

ELECTIVES:

Creative Writing (149)
Etymology (141)
Journalism I (171 & 172)
Journalism II (173 & 174)
Journalism III (175)
Yearbook I (165)
Yearbook II (166)

LITERARY GENRES (110)

Grade: 9

Level I

Prerequisites: Department Approval

One Year

Summer Reading/Writing Assignments

Students are introduced to a variety of genres including mythology, classic and contemporary fiction and non-fiction, and Shakespearean drama. Students learn to identify literary elements and appreciate the written word, while gaining proficiency in reading skills, improving comprehension, and building vocabulary. This course is aligned with the English department writing sequence. Students learn to write a thesis statement, support a topic, incorporate transitions, and use MLA formatting in multi-paragraph essays and a short research paper. Students engage in journaling and use technology to create and communicate. Grammar, punctuation, and usage are reviewed as needed. Research, classroom discussion, group projects, and oral presentations enhance the learning experience. Students attend a play at the Chicago Shakespeare Theater.

LITERARY GENRES (112)

Grade: 9

Level II

Prerequisite: Department Approval

One Year

Summer Reading/Writing Assignments

This course helps develop reading and writing skills through an examination of literary works chosen to enhance the appreciation of literature and culture. Students investigate a variety of literary genres (fiction, historical fiction, non-fiction, poetry, drama, the epic, and mythology). They build vocabulary and develop skills in discussion, writing, annotating texts, multi-media technology, oral presentations, and critical thinking. Students engage in group projects as well as read independently. This course is aligned with the English department writing sequence. Teachers stress the development of writing and grammar skills necessary for effective, mechanically correct multi-paragraph essays including the five paragraph essay; timed in-class essays, short essay tests and a mini-research paper. Students learn the MLA format for research writing and proper citation of sources. Students attend a play at the Chicago Shakespeare Theater.

HONORS LITERARY GENRES (113)

Grade: 9

Level III

Prerequisite: Department Approval

One Year

Summer Reading/Writing Assignment

This course introduces students to selected literary genres including classic and contemporary novels, short stories, and non-fiction. In addition, students are introduced to Shakespearean tragedy and comedy and also study Greek mythology. In this course, students develop reading skills needed for the close textual analysis of literature by examining literary elements, historical influences, and common themes in literature. This course is aligned with the English department writing sequence. Students develop composition skills through a variety of writing opportunities, including creative writing, multi-paragraph essays, timed writing, and a research paper. Students develop critical thinking, use technological and informational resources, deliver oral presentations, engage in small and large group discussion, read independently, and collaborate on group projects. Grammar, punctuation and usage are reviewed as needed. Students attend a play at the Chicago Shakespeare Theater.

AMERICAN LITERATURE (120)

Grade: 10

Level I

Prerequisite: Department Approval

One Year

Summer Reading/Writing Assignments

Students study a cross-section of American authors and their works and selections from the Early Native American period through the twenty-first century. Students explore the literature through investigating the geographical, political, cultural, and historical background of the time period. Students discuss various literary genres such as the novel, the short story, poetry, and drama, while applying literary elements. Students incorporate technology to enhance their learning of literature. In this course, students develop reading skills needed for the critical analysis of literature. Students develop composition skills through a variety of writing opportunities, including short essay tests, in-class timed writing, multi-paragraph essays, and a research paper. Standardized test preparation, vocabulary, grammar, study methods as well as improved reading, discussion and presentation skills are also stressed. This course is aligned with the English Department writing sequence.

AMERICAN LITERATURE (122)

Grade: 10

Level II

Prerequisite: Department Approval

One Year

Summer Reading/Writing Assignments

This course is designed to give students a richer understanding and deeper appreciation of the diversity and heritage of American literature. The course will study classic American texts in the genres of the novel, short story, poetry, drama, and non-fiction. Students will be encouraged to think critically, participate in meaningful discussion and to write logically. Special attention to integration of technology will be included as well as preparation for standardized testing. Students will continue to work on composition, research, vocabulary, and grammatical skills. They will write narrative, persuasive, and analytical multi-paragraph essays. A research paper and multi-genre paper written according to MLA standards will be required. This course is aligned with the English Department writing sequence.

HONORS AMERICAN LITERATURE (123)

Grade: 10

Level III

Prerequisite: 4.66 English GPA

One Year

Department Approval

Summer Reading/Writing Assignments

In this course, students will read critically from seminal American works: narratives, novels, essays, drama, and poetry by classic authors. Students will determine what can be defined as American and in what ways the literature is influenced by the historical period. Students will be encouraged to think critically, participate in meaningful discussion, and to write logically. Students will continue to work on composition, research, vocabulary, and grammatical skills. Students will engage in classroom discussions, prepare oral presentations for their peers, write creative and argumentative essays, and read and evaluate literary criticism. A research paper completed to MLA standards will be required.

BRITISH LITERATURE (130)

Grade: 11

Level I

Prerequisite: Department Approval

One Year

Summer Reading/Writing Assignments

This course introduces students to the literature of Great Britain from the Anglo-Saxon period through the present. Genres include the epic poem, sonnet, Shakespearean drama, essay, novel and short story. Within each period, students examine how the historical background influences the literature. They gain proficiency in critical reading, while examining literary elements and characteristics of specific genres. This course is aligned with the English department writing sequence. Students improve written expression through multi-paragraph compositions, timed essays and a research paper. They use technological and informational resources, deliver oral presentations, engage in small and large group discussion, read independently and collaborate on group projects. Finally, students attend a play related to their area of study.

BRITISH LITERATURE (132)

Grade: 11

Level II

Prerequisite: Department Approval

One Year

Summer Reading/Writing Assignment

Students survey the literature of Great Britain from the Anglo-Saxon period through the present. Genres include the epic poem, sonnet, Shakespearean drama, essay, novel, and short story with an emphasis on the historical, social and philosophical influences which have shaped Britain's literary heritage. In the study of literature, students draw inferences from the literal level of the readings, analyze the figurative level of poetry and prose, and synthesize and evaluate literary topics. This course is aligned with the English department writing sequence. Students improve written expression through multi-paragraph compositions, ACT writing prompts, and a research paper. They develop critical thinking, use technological and informational resources, deliver oral presentations, engage in small and large group discussion, read independently, and collaborate on group projects. Finally, students attend a play related to their area of study.

HONORS BRITISH LITERATURE (135)

Grade: 11

Level III

Prerequisite: 4.66 English GPA

One Year

Department Approval

Summer Reading/Writing Assignments

As students study the literature of Great Britain, ranging from the Anglo-Saxon period to the 21st century, they spend considerable time on representative genres: the epic, Metaphysical and Romantic poetry, Elizabethan drama, the essay, and novels. Students present the results of a research study in written form, write argumentative and AP style essays, and complete analyses of literary criticism for each major piece. Because the course is organized chronologically, students examine the historical perspectives and the influences of earlier writers upon more contemporary authors. Finally, students attend a play related to their area of study.

AP ENGLISH LANGUAGE AND COMPOSITION (139)

Grade: 11, 12

Level III

Prerequisites: 4.66 English GPA

One Year

Departmental Approval

Honors American Literature (123) or

Honors British Literature (135)

Summer Reading/Writing Assignments

In this college level writing course, students read only non-fiction prose for the purpose of writing argumentative, analytical or synthesis essays. Non-fiction includes letters, speeches, and essays from acknowledged writers. Students practice their writing skills by composing in a variety of styles, using modes of argumentative writing. Students will also utilize technology for their research and writing, and

actively post about current events and issues on our class discussion board, while analyzing periodical articles for rhetorical strategies. Students also write in-class answers to previous AP exams, including the analytical, argumentative, and synthesis essay prompts, and multiple choice questions based upon prose passages from different eras. Presentation of original cultural and argumentative research is required after the AP examination is completed. Students are required to take the Advanced Placement exam in May. Doing well on this exam may earn college credit or advanced college placement. **The cost of the AP exam for this course will be approximately \$95.00. This exam fee will be collected during March of 2018.**

ETYMOLOGY (141)

Grades: 11

Level II

Prerequisite: None

One Semester

Studies show that there is a direct correlation between success in life and one's vocabulary. Students who develop word power make a valuable personal investment. Students are pre-tested on vocabulary and then proceed to improve contextual understanding and dictionary usage. Students concentrate on Latin and Greek prefixes and suffixes, synonyms, word analogies, and word groupings. Through this study and daily writing assignments, students can develop a life-long awareness and habit of vocabulary development. This course does not satisfy the American or British Literature requirements; however, students earn an additional credit in English.

COLLEGE WRITING: RESEARCH AND ARGUMENTATION (142)

Grade: 12

Level II

Prerequisite: Summer Reading/Writing Assignments

One Year

This course is designed to prepare students for the various kinds of writing required in college coursework. Students will study selections of non-fiction as exemplars of effective writing. These selections will also provide topics for thesis-driven argumentative essays. Students will study and compose other types of writing, including the college essay, a resume, a business letter, a multi-genre paper, and a research paper. As developing writers, students will focus on purpose, audience, style, and argument. They will also review MLA documentation, grammar, usage, and mechanics. Students will present their essays for peer review and practice the skills of editing and revising. Students will be required to maintain a portfolio and to engage in self-reflection as they refine their writing skills.

CREATIVE WRITING (149)

Grade: 10, 11, 12

Level II

Prerequisites: Writing Samples

One Semester

Department Approval

A creative writing course cannot teach creativity; it can, however, engage the serious student in developing a system of tapping ideas and channeling them through the process of composing. Journal writing provides students with a tool for developing ideas and practicing forms of writing. Personal narrative writing assignments often expand with revision into college essays. For further enrichment,

students examine works by peers and professionals, discuss published articles on the process and pitfalls of creative writing, and learn about publication procedures. This course is divided into in-depth studies of poetry and prose, and each emphasizes the importance of workshop and constructive criticism. Initially, students develop their sensory skills and use of figurative language, culminating in a portfolio. Through a collection of original poems, students demonstrate an understanding of poetic elements, forms, and composition. Extended prose writing includes an original short story, incorporating such literary elements as conflict, characterization, and flashback, culminating in the creation of an original eBook and creative writing blog. All students are encouraged to enter quality work in area and national contests. This course does not satisfy the English requirements for graduation; however, students earn an additional English credit.

WORLD LITERATURE (153)

Grade: 12

Level II, III

Prerequisites: Department Approval

One Year

Summer Reading/Writing Assignments

Students with a minimum GPA of 4.66 may contract for Level III.

This course explores works of World Literature from each continent, with emphasis on understanding the themes central to all people. Units of study investigate cultural, political, historical, geographical, religious, social, and psychological aspects of the countries through the assigned literature. Through a study of fiction, non-fiction, drama, and poetry, students develop a curiosity to learn, understand, appreciate, debate, and discuss essential questions pertinent to all cultures. Students are challenged to further develop their writing with consideration to audience, purpose, and form. Written assignments over the course of the year are representative of a variety of modes that are typically required of college level freshmen classes. Students are required to complete an MLA formatted research paper during the course of the year. This course is aligned with the English Department writing sequence.

ADVANCED PLACEMENT: ENGLISH LITERATURE AND COMPOSITION (155)

Grade: 12

Level III

Prerequisites: 4.66 English GPA

One Year

Department Approval

Honors British Literature (135) or

Advanced Placement English: Language and Composition (139)

Summer Reading/Writing Assignments

This course is designed to comply with the curricular requirements described in the College Board AP English: Literature and Composition course description and to focus on building skills necessary for college-level reading and writing. Students will study novels, drama, and poetry of literary merit. Although numerous selections will be read, a few texts will be studied intensely and analyzed critically in terms of literary devices, structure, and style, as well as the social and historical values the work

depicts. Works are directed toward the mature, experienced reader and may be dense and challenging. Close textual analysis is the norm for all works studied. Writing is an integral part of the course and AP exam; therefore, students will write both timed and untimed essays for the critical analysis of literature. In all, this course challenges students to become authentic readers of literature while developing their own voice in response to a text. Students are required to take the Advanced Placement exam in May and to take a practice test outside of scheduled class time. Doing well on this exam may earn college credit or advanced college placement. **The cost of the AP exam for this course will be approximately \$95.00. This exam fee will be collected in March of 2018.**

YEARBOOK I (165)

Grades: 11, 12

Level II

Prerequisites: 3.33 English GPA

One Year

Department Approval

Summer Workshop (June)

Students in this course will function as staff members for Regina Dominican's yearbook, The Star. Students will learn the various aspects of the yearbook publication process such as layout and design on the publisher's web-based program in the Mac Lab, copy writing, photography skills, catchy headlines, picture captions and proof-reading techniques. This course provides the study and practice in gathering information and taking photographs of events that take place throughout the year. Students must produce quality work, be a team-player, handle deadline pressure and should expect to spend additional time outside of the class working on the publication. Students are expected to attend a summer yearbook workshop. This course does not satisfy the English requirement for graduation; however, students earn an additional credit in English.

YEARBOOK II (166)

Grade: 12

Level II

Prerequisites: 3.33 English GPA

One Year

Yearbook I

Department Approval

Summer Workshop (June)

Students who successfully completed Yearbook I and wish to explore a leadership role on the yearbook staff elect to take this advanced course. The class is designed to develop leadership through editorial decisions related to deadlines, design, copyediting, and photography. Students master advanced techniques in desktop publishing, digital imagery, and photo placement. Working closely with staff members, students facilitate the internal management of the production including theme development and cover design. Students in this advanced course are expected to prepare the yearbook's theme and design during the summer. During the school year, students are expected to spend additional time outside of class working on the publication and finalizing the pages at the end of the school year. This course does not satisfy the English requirement for graduation; however, students can earn additional credit in English.

JOURNALISM I (171) - Semester - Introduction to Journalism

JOURNALISM I (172) - Year

Grade: 11 & 12

Level II

Prerequisites: 4.0 English GPA

One Year/One Semester

Department Approval / Writing Sample

Introduction to Journalism presents students with the skills and information that are essential for reliable, accurate, and independent news reporting. This course addresses the fundamental skills associated with journalistic writing, and presents students with the essential issues facing journalism today. In addition to writing, this course addresses the laws, ethics, and fundamentals of news literacy, with a keen focus on the critical thinking skills required for news judgment. Students who enroll in this course will work on basic news stories for the school newspaper, *Crown*.

JOURNALISM II (173) - Semester - Intermediate Journalism

JOURNALISM II (174) - Year

Grade 10, 11 & 12

Level II

Prerequisite: Journalism I

One Year/One Semester

4.0 English GPA

Department Approval

Writing Sample

This intermediate course provides students with writing longer and more complex news stories by working for the school newspaper, *Crown*. In addition, students will also learn the basics of multi-media and digital news. Students will be expected to continue to refine their reporting, writing, and editing skills.

JOURNALISM III (175) - Advanced Journalism

Grade 12

Level II

Prerequisite: Journalism I & Journalism II

One Year

Department Approval

This course gives students the opportunity to learn the intricacies of specific types of journalistic writing, including news, in-depth feature, investigative, opinion and review. Advanced Journalism also introduces students to techniques relating to journalistic style and editing of staff writing. Students will also explore visual and multi-media reporting. Students will also earn an editorial leadership role and learn practical experience in planning, assigning, editing, and leadership of the *Crown* staff.

FINE ARTS

The Fine Arts Department strives to develop an understanding, knowledge, and appreciation of the arts. The curriculum is designed to provide both theory and practice in art, dance, drama, and music. Students are encouraged to explore various artistic disciplines in the course of their studies.

To complete the Fine Arts graduation requirement, a student must pass two semester long Fine Arts courses or one year long Fine Arts course.

Art

Art Foundations	1 Semester
Graphic Design	1 Semester
Drawing and Painting I	1 Semester
Drawing and Painting II	1 Semester
3-Dimensional Design I	1 Semester
3-Dimensional Design II	1 Semester
Visual Arts Teaching Assistant	1 Semester

Dance

Dance Foundations	1 Semester
Modern Dance	1 Semester
Dance Composition	1 Semester
Dance Leaders	1 Semester

Drama

Drama Foundations	1 Semester
Acting	1 Year/ Semester
Dynamics of Acting/Directing	1 Year
Tech Theater I	1 Semester
Tech Theater II	1 Semester
Tech Theater III	1 Semester
Film Studies	1 Semester

Music

Music History	1 Semester
American Music History	1 Semester
Chamber Choir	1 Year/Semester
Regina Chorale	1 Year
Beginning Band	1 Semester
Orchestra	1 Year/Semester
AP Music Theory	1 Year
Piano Accompaniment	1 Year/Semester
Instrumental Music : Guitar	1 Semester

ART

ART FOUNDATIONS (220)

Grades: 9, 10, 11, 12

Prerequisite: None

Level II

One Semester

Art Foundations is designed for beginning students with various skill levels. This course introduces the student to the fundamental techniques needed to master the elements of art. Students learn through practical application with projects, sketchbook assignments, and critiques. This course teaches students the foundations necessary to continue in the upper level art courses.

GRAPHIC DESIGN (241)

Grades: 9, 10, 11, 12

Prerequisite: Art Foundations

Permission of Instructor

Level II

One Semester

This course introduces students to the Adobe Creative Suite of Illustrator, Photoshop & InDesign as well as the principles of design. The class curriculum consists of projects designed to aid students in becoming effective visual communicators. A large portion of the class is spent learning and utilizing the features of the computer graphics programs through project-based learning. The profession of graphic design is explored, discussing the various types of designers and subject matter (print, packaging, branding, etc...) as well as a research paper on a famous designer that explores their work and style.

VISUAL ARTS TEACHING ASSISTANT (243)

Grades: 11, 12

Pass/Fail - Level II

One Semester - .25 credit

Prerequisites: Art Foundations, at least one other art course and an A average in Art. An interview with the instructor regarding prior art materials and content knowledge will also be a part of the process.

The Art Teaching Assistant will be responsible for helping the instructor to prepare and organize materials and aiding students in various tasks (measuring, setting up projects, color mixing, techniques, cleanup process, critique process, etc...). The TA will also actively participate in helping review the curriculum of courses and ensure success for all students.

The time commitment would be 2-3 periods per week during a study period. Students will be responsible for checking in with instructor on a weekly basis to determine schedule.

3-DIMENSIONAL DESIGN I (244)

Grades: 9, 10, 11, 12

Prerequisites: Art Foundations and
Permission of Instructor

Level II

One Semester

This course introduces students to the world of 3-dimensional design through experimentation with paper art, found objects, clay, and other media. The students explore various possibilities of creating pieces with meaning and depth using these materials. The study of clay includes basic hand-building techniques of pinching, coiling, and slab construction. Students become familiar with the tools and language of the ceramic artist. This course exposes students to the history of 3-dimensional art and its function in our society. There is a required fee for materials.

3-DIMENSIONAL DESIGN II (246)

Grade: 9, 10, 11, 12

Prerequisites: Art Foundations
Permission of Instructor

Level II, III

One Semester

With the instructor's permission, juniors and seniors may contract to take this course for Level III credit. This is decided at the beginning of the class.

This course allows each student to individually develop and explore their personal style through the creation of 3-Dimensional works using a variety of materials. Each student is responsible for developing the project based on concepts and themes as presented by the instructor. The students gain experience in artistic expression and problem solving.

DRAWING AND PAINTING I (263)

Grades: 9, 10, 11, 12

Prerequisites: Art Foundations and
Permission of Instructor

Level II

One Semester

This course concentrates on developing basic drawing techniques in pencil, pastel, and charcoal with emphasis on the elements and principles of art, focusing on proportion, value, and composition. Students demonstrate proficiency in handling watercolor and acrylic painting techniques depicting the illusion of the third dimension. Students also gain an understanding and appreciation for other cultures and periods through the study of artists and their works. Students have an opportunity to develop a sense of personal style and expression particularly through their final project which is developed all semester. There is a required fee for materials.

DRAWING AND PAINTING II (265)

Grade: 9, 10, 11, 12

Level II, III

Prerequisite: Drawing and Painting I and
Permission of Instructor

One Semester

With the instructor's permission, juniors and seniors may contract to take this course for Level III credit. This is decided at the beginning of the class.

Drawing & Painting II is intended to provide individual opportunities for students to further develop their skills in painting and drawing. This class is organized to provide more independent learning opportunities for the students so that they may enhance specific skills as set forth by the student and the instructor. Students will develop a better understanding of color relationships and theory, spatial and compositional relationships while developing their technique. Each project is concept based, giving the student the opportunity to explore the concept in a variety of mediums and styles as they see fit. Students will also gain more experience in the critiquing process.

DANCE

DANCE LEADERS (208)

Grades: 11, 12

Level III

Prerequisites: Instructor Approval

One Semester

This course is for advanced dance students interested in assisting a Dance Foundations class. The student's responsibilities include demonstrating dance exercises in various genres, leading stretches, and assisting the teacher in technique instruction.

DANCE FOUNDATIONS (226)

Grades: 9, 10, 11, 12

Level II

Prerequisite: None

One Semester

Dance Foundations is a semester-long course designed for students seeking foundational knowledge in the practice and applications of dance. The objective of the class is to explore and learn beginning dance techniques and build awareness around the impact of dance in society, culture, and history. Students will study Ballet, Jazz, Modern, Ugandan, and Hip Hop Dance techniques, as well as an introduction to Composition. These genres will be taught in historical and cultural context and will provide an experiential learning opportunity of dance skills, techniques, improvisation, choreography, and critical analysis. Over the course of the semester, students will harness their own expressive capabilities and technical skills to collaborate, create, and perform dances, and prepare for additional advanced coursework. This course may be taken as either a Physical Education or Fine Arts credit.

MODERN DANCE (232)

Grades: 10, 11, 12

Level II

Prerequisites: Foundations OR Permission of Instructor

One Semester

Modern Dance is a semester-long course designed for students who have had an introduction to Modern Dance techniques through Dance Foundations and are looking to deepen their knowledge, technique, and artistic expression in this specific discipline. Students will hone their technical and artistic abilities in a historical and cultural context, studying the styles of Modern Dance pioneers such as Martha Graham, Jose Limon, Doris Humphrey, and others. The objective of the class is to further technical training and understanding of this classic dance form. Select classes will be dedicated to dance-specific body conditioning and training. This course may be taken as either a Physical Education or Fine Arts credit.

DANCE COMPOSITION (233)

Grades: 10, 11 & 12

Level II

Prerequisites: Foundations OR Permission of Instructor

One Semester

Dance Composition is a semester-long course designed for a dancer that has taken technique class and is looking to enhance their choreographic knowledge and ability. The objective of the class is to foster the artistic voice and development of each student's ability to communicate meaning through choreography and performance. Students will focus on choreography and critical analysis while acquiring a diverse movement vocabulary in the Modern and Jazz Dance styles. Select classes will be dedicated to dance-specific body conditioning and training. This course may be taken as either a Physical Education or Fine Arts credit.

- With instructor approval, students may take Dance Composition for an Honors (Level III) course. This student will be held to a contract that includes additional outside work.

DRAMA

DRAMA FOUNDATIONS (222)

Grades: 9,10,11,12

Prerequisite: None

Level II

One Semester

This course offers an introduction to theatre and theatrical practice. Students explore the development of theatre through the study of major periods and forms. They gain basic understanding and skills through performance, practical, and analytical projects. Students work on stage movement, voice diction and projection, character analysis, sensory recall, and concentration. They also learn the basics of Theatre Theory, directing, and technical. This course provides valuable background for advanced level Drama courses and for extra-curricular stage productions.

TECH THEATRE III (229)

Grades: 11, 12

Prerequisite: Tech I & II

Level II

One Semester

This course will teach students components of scenic, light, and sound design. They will have an active role in the design and implementation for the current school production. Students will learn stage management skills and will be called upon to have an active role in the rehearsals and performance of productions. Students enrolled in this course must be able to adjust their schedules to meet production needs throughout the term.

ACTING (247) - Semester

ACTING (273) - Year

Grades: 10, 11, 12

Prerequisite: Drama Foundations or
Permission from Instructor

Level II

One Year / Semester

Student may repeat this course for a second year of credit.

This course includes the study of and practice in contemporary acting techniques, scene development, and improvisation, as well as a survey of theatre terms and history through performance and analytical projects. Students work on vocal development, articulation and projection, and practice audition techniques. Students are encouraged to participate in Regina Dominican productions and may perform in school and workshop events.

DYNAMICS OF ACTING / DIRECTING (274)

Grade: 12

Level II

Prerequisite: Acting for 2 semesters or
Permission of Instructor

One Year

This course is designed for the advanced theatre student who wishes to study the many approaches to character development and play production with particular emphasis on the role and responsibilities of the actor and the director through performance, practical, and analytic projects. Each student develops a performance portfolio that includes original improvisational characters, a series of prepared monologues, scene work, and direction and production of scenes and a one-act play. Students are expected to participate in productions at Regina Dominican and may perform in school and workshop events.

FILM STUDIES (275)

Grades: 10, 11, 12

Level II

Prerequisite: None

One Semester

Film Studies examines the history of film, major trends and themes in film, dramatic elements and technological developments of the medium. Course instruction includes readings and discussion of film history, genres, social and technological influences, and directors, producers and actors. Students view representative historically and artistically significant works in class and are encouraged to view relevant films outside of class. Students maintain a Film Studies Journal and will write essays and complete tests and quizzes.

TECH THEATRE I (276)

Grades: 9, 10, 11, 12

Level II

Prerequisite: None

One Semester

Students explore the principles of backstage production, set building and construction, sound system operation, proper microphone use and placement, and lighting set-up and operation. Students learn proper and safe operation of stage tools and equipment. Students enrolled in this course must be able to adjust their schedules to meet production needs throughout the term.

TECH THEATRE II (278)

Grades: 10, 11, 12

Level II

Prerequisite: Tech Theatre I

One Semester

This course takes students from Tech Theatre I to a more advanced level of involvement, expectation, and competence. Tech II students take on leadership and responsibility for building sets and organizing the crew for school productions. Stage and tool safety is emphasized. Tech Theatre II students also assume leadership roles in school productions and assist with in-school liturgies and assemblies. Those enrolled in this course must be able to adjust their schedules to meet production needs throughout the term.

MUSIC

PIANO ACCOMPANIMENT (223)

Grades: 10, 11, 12

Level II

Prerequisites: Proficiency on Piano
Audition
Permission of Instructor

One Year/Semester

A student with a high level of proficiency on piano would be eligible to take this course in conjunction with a choir class. The student would assist in daily rehearsals, run sectionals, learn all music, and perform with the choir both in house and on touring engagements. The student will demonstrate competency on the piano through rehearsal and independent practice. She will be expected to maintain tempo and note accuracy as well as dynamics and rhythm while accompanying the choir. This course is limited to one student per choir.

INSTRUMENTAL MUSIC : GUITAR (238)

Grades: 9, 10, 11 & 12

Level II

Prerequisite: None

One Semester

The instrumental music program provides growth in aesthetic, physical, and intellectual domains. The student will develop and reinforce talent and skill through musical performance, critical listening, and musical study. The coordination of a student's motor skills are promoted through translation of printed music into sound through the operation of a musical instrument and/or piece of visual equipment. Cultural awareness is fostered through study, listening and performance of music influenced by historical and ethnic events. Individual and group responsibility is offered and practiced on a daily basis. Through music, the student's creativity, appreciation of the arts and lifelong learning are nurtured and encouraged.

MUSIC HISTORY 500-1900 (280)

Grades: 11, 12

Level II

Prerequisite: None

One Semester

This course includes contrast and comparison of music from the Medieval, Renaissance, Baroque, Classical, and Romantic periods in examining the overall direction of the European origins of western music. Students study the changes in style and their causes from the 7th through the early 20th century. Units focus on primary composers from each period with emphasis on instrumental and vocal music, related styles and forms, and the influences of society, art and culture on the composers' development. Listening to musical examples of the periods is included in this academic study of the history of music.

AMERICAN MUSIC HISTORY (283)

Grades: 11, 12

Prerequisite: None

Level II

One Semester

Students explore American music from Ragtime through Blues, Jazz, Swing, and the beginnings of Rock and Roll. This course includes contrast and comparison of the various styles and overall direction of American music, looking at the changes in style and their causes through the 20th century. This class incorporates listening to representative music selections for comparison and research on composers and performers to discover influences affecting their lives and music.

This course will be offered ONLY during the 2018-2019 academic year.

CHAMBER CHOIR (284) - Semester

CHAMBER CHOIR (286) - Year

Grades: 9, 10, 11, 12

Prerequisite: None

Level II

One Year / Semester

Chamber Choir students learn a variety of music styles including sacred, spirituals, Broadway, and popular music. The course focuses on expanding musical knowledge, improving music reading and developing singing technique. Performances include the Christmas Concert and Spring Concert.

ORCHESTRA (287)

Grades: 9, 10, 11, 12

Prerequisites: Previous experience and ability
to play an orchestral instrument
Permission of Instructor

Level II, III

One Year / Semester

With the instructor's permission, students who demonstrate above average playing skills may contract to take this course for Level III credit.

Orchestra students develop instrumental skills through rehearsal and performance of a variety of styles of music. Students achieve high levels of competency with their many performance commitments. Orchestra participates in the Fall Musical, Christmas Concert, Spring Concert, Graduation, and assemblies.

AP MUSIC THEORY (288)

Grades: 11, 12

Level III

Prerequisite: Permission of Instructor
and Foundations of Music Theory

One Year

Advanced Placement Music Theory is the foundation for students planning to pursue any form of music as a major in college. Students analyze in-depth the fundamentals of music theory, including major and minor scales, modes, triads, 7th chords, inversions, and secondary dominants. This course also includes extensive tonal dictation, listening and sight singing. Reading and writing four-part musical examples in figured bass will be the culmination of the course. Students are required to take the Advanced Placement Music Theory Exam in May and to take a practice exam outside of class time. Successful placement on the exam may offer the opportunity to earn college credit or advanced placement in music theory. **The cost of the AP exam for this course will be approximately \$95.00. This exam fee will be collected during March of 2018.**

REGINA CHORALE (293)

Grades: 11, 12

Level III

Prerequisites: Vocal Audition and
Permission of Instructor

One Year

Regina Chorale emphasizes vocal independence and stylistic integrity in the performance of music from a variety of historical periods and styles. Students perform in the "Night of Music" and the IHSA Choral competition (when the schedule permits). During the Christmas season, Regina Chorale represents the school through performances at community and school-related functions. Chorale members must commit to a rigorous training and performance schedule. Students must audition for admission to this highly selective chorus.

WORLD LANGUAGES

Communication, understanding, and tolerance are essential to a civilized society. Through its programs, the World Languages Department strives to instill these qualities and to thus prepare the student to be a responsible member of the global community.

Refer to the flow charts on the following pages for French, Latin and Spanish sequences.

French I	Spanish I
French II	Spanish II
Intermediate French	Spanish III
Advanced French	Intermediate Spanish
AP French IV	Advanced Spanish
French V Honors	Spanish Composition and Conversation
	AP Spanish IV
	Spanish V Honors
Latin I	
Latin II	
Advanced Latin III	
AP Latin: Caesar & Vergil	

Two (2) years of one world language are required for graduation from Regina Dominican. Students with previous world language experience may take a proficiency test to determine in which class they will be placed. Four years of a world language are recommended.

FRENCH

<u>1st Year</u>	<u>2nd Year</u>	<u>3rd Year</u>	<u>4th Year</u>
Fr. I (310)	Fr. II (320)	Int. Fr. (322)	Adv. Fr. (330)
		Adv. Fr. (330)	AP Fr. IV (340)
			Fr. V Honors (352)*

*French V (352) is the fourth year course for students beginning in French II (320).

LATIN

<u>1st Year</u>	<u>2nd Year</u>	<u>3rd Year</u>	<u>4th Year</u>
Latin I (410)	Latin II (420)	Adv. Latin III (430)	AP Latin (440)

SPANISH

<u>1st Year</u>	<u>2nd Year</u>	<u>3rd Year</u>	<u>4th Year</u>
Sp. I (501)	Sp. II (502)	Sp. III (503)	Comp. & Conv. (525)
Sp. I (510)	Sp. II (520)	Int. Sp. (522)	Adv. Sp. (530)
		Adv. Sp. (530)	AP Sp. IV (540)

Sp. V Honors (552)*

*Spanish V (552) is the fourth-year course for students beginning in Spanish II (520)

FRENCH

FRENCH I (310)

Grades: 9, 10, 11, 12

Level II

Prerequisite: Recommendation of Department

One Year

The aim of the first year course is to learn the language as it is spoken and written today through listening, speaking, reading, and writing. The course provides sufficient vocabulary, grammar, and idiomatic expressions to enable the student to comprehend, speak, read, and write basic idiomatic French. The course also covers cultural aspects of France and French-speaking countries.

FRENCH II (320)

Grades: 9, 10, 11, 12

Level II

Prerequisites: A grade of "C" in French 310 and
Signature of Instructor or acceptable
performance on a proficiency test

One Year

The student continues to develop the skills of listening, speaking, reading, and writing. She also deepens her knowledge of the culture and customs of France and French-speaking countries through readings and special projects.

INTERMEDIATE FRENCH (322)

Grades: 10, 11, 12

Level II

Prerequisites: A grade of "C" in French 320
Signature of Instructor

One Year

The student continues to develop the skills of listening, speaking, reading, and writing. Special emphasis is given to activities promoting oral and written proficiency. The student deepens her knowledge of French and francophone culture, history, and literature through readings and special projects.

ADVANCED FRENCH (330)

Grades: 10, 11, 12

Level III

Prerequisites: A grade of "B" in French 320 or 322
Recommendation of Instructor

One Year

This course places an emphasis on listening comprehension, oral expression, syntax, reading, and writing. The student studies French and francophone literature, culture, civilization, and current events through readings and projects which may include seeing a French theatrical production or going to the Art Institute.

AP FRENCH IV (340)

Grades: 11, 12

Level III

Prerequisites: A grade of "C" in French 330
Recommendation of Instructor

One Year

The fourth year program emphasizes listening comprehension, oral expression, syntax, reading, and writing, as well as an analysis of French and francophone literature through the study of selected texts. Students discuss current events in francophone countries using authentic sources such as readings and podcasts. There are special projects on art, history, current events, and literature, and may include a field trip to the Art Institute or a French theatrical production.

Seniors are expected to take the Advanced Placement exam in May. This may earn them college credit or advanced college placement. Juniors enrolled in this class may take the Advanced Placement exam as seniors in French V Honors. **The cost of the AP exam for this course will be approximately \$95.00. This exam fee will be collected during March of 2018.**

FRENCH V Honors (352)

Grade: 12

Level III

Prerequisites: A grade of "C" in French 340
Recommendation of Instructor

One Year

The student examines twentieth century French and francophone literature in a literary, cultural and historical contexts. Topics of contemporary French and francophone society are also treated. Students continue to work on refining the skills of listening comprehension, speaking, reading and writing.

Students are expected to take the Advanced Placement exam in May. This may earn them college credit or advanced college placement. **The cost of the AP exam for this course will be approximately \$95.00. This exam fee will be collected during March of 2018.**

LATIN

LATIN I (410)

Grades: 9, 10, 11, 12

Level II

Prerequisites: Recommendation of Department
Proficiency in English Grammar

One Year

The course provides a thorough introduction to Latin. Students master basic grammar and vocabulary in preparation for reading and composition. The course also introduces students to the study of classical civilization and its influence, and furthermore to the study of English words derived from Latin roots.

LATIN II (420)

Grades: 9, 10, 11, 12

Level II

Prerequisites: A grade of "C" in Latin 410 or
acceptable performance on a
proficiency test
Permission of Instructor

One Year

The course continues the systematic study of Latin grammar while introducing more advanced aspects of Latin syntax. The student applies her knowledge of grammar to reading and translating selections of Latin prose.

ADVANCED LATIN III (430)

Grades: 10, 11, 12

Level III

Prerequisites: A grade of "B" in Latin 420
Recommendation of Instructor

One Year

The student refines her ability to read, write, and translate fluently the study of Caesar, Catullus, Cicero, Vergil, Horace, Ovid, and Erasmus. The student gains an appreciation of Latin prose stylistics and delves into the history of Rome in the turbulent first century B.C. The course also analyzes elements of Roman poetry and stylistic features such as literary devices.

AP LATIN: CAESAR AND VERGIL (440)

Grades: 11, 12

Level III

Prerequisite: A grade of "B" in Latin 430
Permission of the Instructor
Completion of Summer Assignment

One Year

AP Latin is an intensive course in which the student reads, translates, and analyzes significant portions of Caesar's *Gallic War* and Vergil's *Aeneid* in the original Latin. The student furthermore studies both works in English translation against the cultural and historical backdrop of the end of the Republic and the beginning of the Augustan Age. The student also develops an ability to read passages of a variety of authors at sight.

Seniors are expected to take the Advanced Placement exam in May. High scores may earn them college credit or advanced college placement. **The cost of the AP exam for this course will be approximately \$95.00. This exam fee will be collected during March of 2018.**

SPANISH

SPANISH I (501)

Grades: 9, 10, 11

Level I

Prerequisite: Recommendation of Department

One Year

The course provides a background in speaking, listening, reading, and writing, and the grammatical concepts necessary to acquire these skills. Supplementary technology is used to reinforce these four skills. An awareness of cultural differences among countries is developed throughout the course.

SPANISH II (502)

Grades: 10, 11, 12

Level I

Prerequisites: A grade of "C" in Spanish 501

One Year

Signature of Instructor

This course increases the student's knowledge of the basic grammatical principles of verb conjugation, tense, pronoun usage, and agreement of gender and number, in addition to introducing and reinforcing new grammatical concepts. The student also gains exposure to foreign cultures, and continues to develop and review vocabulary within a given context. The use of technology continues to reinforce the student's development of reading, writing, listening and speaking skills.

SPANISH III (503)

Grades: 11, 12

Level I

Prerequisites: A grade of "C" in Spanish 502

One Year

Signature of Instructor

This course, the third of the Level I sequence, is offered for those students desiring to continue their studies and expand their working knowledge of the Spanish idiom. The vocabulary, grammar, and idioms learned in the first and second years are reviewed and expanded. The culture, customs, value systems, and peoples of the various countries are studied. The use of supplementary technology is continued in order to encourage greater oral and written fluency in the language.

SPANISH I (510)

Grades: 9,10,11

Level II

Prerequisite: Recommendation of Department

One Year

The aim of this course is to introduce the student to the fundamentals of the contemporary spoken and written language. The course provides sufficient vocabulary, grammar, and idiomatic expressions to enable the student to express herself in simple conversation, to read simple dialogues and cultural material, and to write short, guided compositions. Supplementary technology is used to reinforce vocabulary, reading, listening comprehension, and speaking skills. An awareness of cultural differences among countries is introduced throughout the course.

SPANISH II (520)

Grades: 9, 10, 11, 12

Level II

Prerequisite: A grade of "C" in Spanish 510
Signature of Instructor or acceptable
performance on a proficiency test

One Year

This course continues the study begun in the first year of the language. The vocabulary, grammar, and idioms learned in the first year are reviewed and expanded. The culture, customs, value systems, and peoples of the various countries are studied. The use of supplementary technology is continued in order to encourage greater oral and written fluency in the language.

INTERMEDIATE SPANISH (522)

Grades: 10, 11, 12

Level II

Prerequisites: A grade of "C" in Spanish 520
Signature of Instructor

One Year

This course reviews and expands upon the grammar and idioms learned in Spanish II. The students practice their oral skills, study short reading selections, and learn the fundamentals of writing longer compositions. Supplementary technology is used to reinforce vocabulary, reading, listening comprehension, and speaking skills. The course aims to expand cultural awareness and to instill the desire to experience Hispanic cultures.

SPANISH COMPOSITION AND CONVERSATION (525)

Grades: 11, 12

Level II

Prerequisites: A 3.0 GPA in 3rd Year
Spanish Class
Signature of Instructor

One Year

This course emphasizes oral and written communicative skills, interpretation of different types of texts in the Spanish language, and review and expansion of the grammatical skills acquired in previous Spanish courses. Students are challenged to write compositions and make presentations on contemporary issues and culture in the Spanish speaking world. Use of technology and the language lab present opportunities for interaction and exposure to native speech. There is increased use of the target language in both small-group and large-group classroom discussions.

ADVANCED SPANISH (530)

Grades: 10, 11, 12

Level III

Prerequisites: A grade of "B" in Spanish 520
Satisfactory Performance on the
January 2017 Spanish 2 Placement Test
and Recommendation of Instructor
Or grade of "B" in Spanish 522 and
Recommendation of Instructor

One Year

The course is intended for students who plan to take AP SPANISH IV (540). It is the first level 3 course in the Spanish flow chart. In this course, students continue developing their interpretive skills by reading different types of authentic texts in Spanish and by watching and listening to authentic audiovisual materials in Spanish (i.e. short-films and newscasts). Furthermore, students continue developing oral and written communicative skills by using Spanish during class to communicate with others, by giving oral presentations, and by writing formal letters and essays. In addition, students continue to develop awareness of the differences between the cultures and traditions of the diverse countries in the Spanish-speaking world, and to compare them to their own. This course is taught primarily in Spanish.

AP SPANISH IV (540)

Grades: 11, 12

Level III

Prerequisites: Grade of "C" in Spanish 530
Recommendation of Instructor

One Year

This course provides advanced students with the guidance they need to continue discovering, learning, and using the language in meaningful, creative, and engaging contexts. This course emphasizes listening comprehension, oral expression, syntax, reading, and writing. There are projects on art, history, current events, and literature. Students discuss current events in Spanish-speaking countries, using authentic sources such as readings and podcasts. Students use texts formatted to practice skills needed to be successful on the AP Spanish Language exam.

Seniors are expected to take the Advanced Placement exam in May. Their scores may earn them college credit or advanced college placement in Spanish. Juniors enrolled in this class may take the Advanced Placement exam as seniors in Spanish V Honors. **The cost of the AP exam for this course will be approximately \$95.00. This exam fee will be collected during March of 2018.**

SPANISH V Honors (552)

Grade: 12

Level III

Prerequisites: Grade of "C" in Spanish 540

One Year

Recommendation of Instructor

This course is intended for students who wish to develop proficiency and integrate language skills at a level comparable in difficulty to second and third year college courses. Students use authentic sources to refine the skills of listening comprehension, speaking, reading, and writing.

Students are expected to take the Advanced Placement exam in May. This may earn them college credit or advanced college placement. **The cost of the AP exam for this course will be approximately \$95.00. This exam fee will be collected during March of 2018.**

MATHEMATICS

Responding to the diverse needs, interests, and backgrounds of students who must learn to live in a world of commercial and technical complexity, the mathematics curriculum is broad and dynamic. The offerings are varied in content, method, and depth in an effort to ensure a measure of success for each student. A sense of accomplishment, coupled with an attitude of cooperation among fellow students and teachers, develops a deeper sense of appreciation of self and others.

FRESHMAN YEAR

Algebra I (610)	1 Year
Algebra I (612)	1 Year
Honors Algebra I (615)	1 Year
Honors Algebra II/Trigonometry (635)	1 Year

N.B. Incoming Freshman who have had a year of algebra may take a proficiency test to determine if they may begin the mathematics sequence with Honors Algebra II/Trigonometry.

SOPHOMORE YEAR

Geometry (620)	1 Year
Geometry (622)	1 Year
Honors Geometry (625)	1 Year
Statistics (641)	1 Semester

JUNIOR YEAR

Algebra II (630)	1 Year
Algebra II (632)	1 Year
Honors Algebra II/Trigonometry (635)	1 Year
Statistics (641)	1 Year
Precalculus (642)	1 Semester
Honors Precalculus (645)	1 Year
AP Calculus AB (653)	1 Year
Principles of Engineering (662) (665)	1 Semester

SENIOR YEAR

Intermediate Algebra (638)	1 Year
Statistics (641)	1 Semester
Precalculus (642)	1 Year
Honors Precalculus (645)	1 Year
AP Calculus (653)	1 Year
AP Calculus BC (654)	1 Year
Principles of Engineering (662) (665)	1 Semester

Three (3) years of mathematics are required for graduation from Regina Dominican. Four years of mathematics are recommended.

Students accepted into the honors mathematics program must meet and maintain all prerequisites. In addition, they must score in the 85th percentile or above on the appropriate standardized test for their grade level.

MATHEMATICS DEPARTMENT CURRICULUM SEQUENCING

SEQUENCE I	SEQUENCE II	SEQUENCE III	SEQUENCE IV	SEQUENCE V
<u>FRESHMEN</u>				
ALGEBRA I 610	ALGEBRA I 612	HONORS ALGEBRA 615	HONORS ALGEBRA II/TRIG 635	HONORS ALGEBRA II/TRIG 635
<u>SOPHOMORE</u>				
GEOMETRY 620	GEOMETRY 622	HONORS GEOMETRY 625 STATISTICS 641	HONORS GEOMETRY 625	**HONORS PRECALCULUS 645
<u>JUNIOR</u>				
ALGEBRA II 630	ALGEBRA II 632 PRECALCULUS 642	HONORS ALGEBRA II/TRIG 635	HONORS PRECALCULUS 645	AP CALCULUS AB 653
PRINCIPLES OF ENGINEERING (662) (665)				
<u>SENIOR</u>				
INTERMEDIATE ALGEBRA 638	PRECALCULUS 642	HONORS PRECALCULUS 645	AP CALCULUS AB 653	AP CALCULUS BC 654
<i>AND/OR</i> STATISTICS 641	<i>AND/OR</i> STATISTICS 641	<i>AND/OR</i> STATISTICS 641	<i>AND/OR</i> PRINCIPLES OF ENGINEERING 662 OR 665	

**Placement into Honors Precalculus 645 as a sophomore is contingent upon the successful completion of the Honors Geometry Proficiency Test.

ALGEBRA I (610)

Grade: 9

Level I

Prerequisite: Recommendation of the Department

One Year

This course is designed to help the student achieve the following: mastery of computational skills; operations on algebraic expressions; properties of polynomials, exponents and scientific notation; the solution of equations, inequalities, absolute value, word problems and elementary graphing; operations of decimals, fractions and percent; and an insight into the need for precision of language in mathematics. This course will also feature problem solving within groups. A graphing calculator will be used.

ALGEBRA I (612)

Grade: 9

Level II

Prerequisite: Recommendation of the Department

One Year

Algebra I includes the study of equations and inequalities, absolute values, word problems, operations with polynomials, factoring, rational numbers, functions, elementary graphing, irrational numbers, and introductory probability. Introduction to the graphing calculator will be incorporated throughout the year.

HONORS ALGEBRA I (615)

ACCELERATED MATHEMATICS PROGRAM

Level III / One year

Students applying to the program are able to work confidently with abstract representations of fundamental mathematical concepts. They work effectively with whole numbers, integers, rational numbers and their equivalents. These students are developing mathematical reasoning processes and analytical techniques in order to solve more complex problems, and they may be able to use a more efficient solution strategy if one is available.

Year	7th Grade Students Sequence of Courses at Regina	8th Grade Students Sequence of Courses at Regina
2017-2018	During 7th grade: Honors Algebra I	During 8th Grade: Honors Algebra I
2018-2019	During 8th Grade: Honors Geometry	Freshman Year: Honors Algebra2/Trigonometry
2019-2020	Freshman Year: Honors Algebra 2/Trigonometry	Sophomore Year: Honors Geometry
2020-2021	Sophomore Year: Honors PreCalculus	Junior Year: Honors PreCalculus
2021-2022	Junior Year: AP Calculus AB	Senior Year: AP Calculus AB
2022-2023	Senior Year: AP Calculus BC	

6TH AND 7TH GRADE STUDENTS WHO MEET THE FOLLOWING REQUIREMENTS MAY APPLY:

- Score in the 90th percentile or above on the standardized
- Complete the application process
- Receive the recommendation of their current grammar school/junior high mathematics teacher
- Demonstrate mastery on the Proficiency Exam of PreAlgebra qualifying exam is administered during March, 2017

GEOMETRY (620)

Grade: 10

Level I

Prerequisite: Algebra I (610)

One Year

Signature of Instructor

In this course the student develops the ability to handle elementary deductive work with lines, angles, triangles, quadrilaterals, polygons, and circles. The student will develop an awareness of geometry as a useful tool in everyday life. Perimeter and area of plane figures are studied and right triangle trigonometry is introduced. Incorporation of technology and application project work will be utilized.

GEOMETRY (622)

Grade: 10

Level II

Prerequisites: Algebra I (612)

One Year

Minimum "C" average or

Algebra I (610) "A" average and the successful completion of a level change skills test

Signature of Instructor

This course is a study of Euclidean geometry. Topics presented include terminology and notation, reasoning and proof, parallel and perpendicular lines, congruent and similar triangles, quadrilaterals, circles, areas of plane figures, surface area, and volumes of solids. Right triangle trigonometry will be introduced. Incorporation of technology along with project based learning activities will be utilized.

HONORS GEOMETRY (625)

Grades: 10

Level III

Prerequisites: Honors Algebra I (615)

One Year

Minimum "C+" average or

Honors Algebra II/Trigonometry (635) or

Algebra I (612) "A" average and the successful completion of a level change skills test

Signature of Instructor

This course is fast-paced and designed for high-ability students. Students will develop reasoning and problem solving skills. The study of Euclidean geometry is presented at a more advanced level. A great degree of emphasis is placed on developing logical thought processes through the study of two-column and coordinate proofs. Other topics presented include congruent and similar triangles, right triangle trigonometry, quadrilaterals, circles, surface areas and volumes. Incorporation of technology and project based learning will be utilized.

ALGEBRA II (630)

Grades: 11, 12

Level I

Prerequisites: Algebra I (610)

One Year

Geometry (620)

Signature of Instructor

This course is designed for students who need to master the basic algebraic processes and increase problem solving skills. Topics of study include solving equations in one and two variables, graphing linear equations and inequalities, solving quadratic equations by various methods, and applications involving problem solving. This course will continue to utilize technology whenever possible including the use of a graphing calculator. Project based learning activities will be incorporated.

ALGEBRA II (632)

Grades: 11, 12

Level II

Prerequisites: Algebra I (612) & Geometry (622)

One Year

Minimum "C" average

Algebra I (610) & Geometry (620) "A" average and the successful completion of a level change skills test

Signature of Instructor

This course begins with a more in depth study of many topics from Algebra I and progresses to more advanced material. Emphasis is placed on graphing in the coordinate plane for many different types of functions, inequalities and conic sections. Students will study the quadratic equation in detail including the study of imaginary solutions. Use of technology, especially the graphing calculator, will be an important aspect of this course. Project based learning activities will be incorporated.

HONORS ALGEBRA II/TRIGONOMETRY (635)

Grades: 9,10, 11

Level III

Prerequisites: Honors Algebra (615)

One Year

Honors Geometry (625)

Minimum "C+" average

A qualifying score from the Algebra I Proficiency Test

"A" average and the successful completion of a level change skills test

Signature of Instructor

This course is fast-paced and designed for high-ability students. The set of real numbers and their properties is explored. The fundamental operations with polynomials are reviewed and extended. The concepts of relation and function are developed with emphasis on linear and quadratic functions, exponential and logarithmic functions, and the trigonometric functions. Students are introduced to the Unit Circle and will study analytic trigonometry: proving trigonometric identities, solving trigonometry equations, and graphing trigonometric functions. Technology and project based learning will be utilized.

INTERMEDIATE ALGEBRA (638)

Grade: 12

Level I

Prerequisites: Algebra II (630)

One Year

Minimum "C" average

Signature of Instructor

Intermediate Algebra begins with a study of the real number system, which leads to a review of basic Algebra concepts. This is followed by linear equations and inequalities, systems of linear equations, polynomials, rational expression and equations, rational exponents, exponents, and quadratic equations. Graphing calculator technology will be integrated into the course curriculum. Students will complete various projects which provide practical applications throughout the second semester. The objectives of this course are to prepare high school seniors for the ACT and the mathematics proficiency test required by most colleges and for students to develop a better understanding of the mathematical concepts used every day.

STATISTICS (641)

Grade: 10, 11, 12

Level II

Prerequisites: Algebra II (630) Minimum "B" average

One Semester

or Algebra II (632) Minimum "C" average

or Algebra II/Trig (635)

This course is an introductory study of probability and statistics. Topics to be studied include gathering, organizing, and analyzing data, rules of probability and types of probability distributions, confidence intervals, hypothesis testing and linear correlation/regression.

PRECALCULUS (642)

Grades: 11, 12

Level II

Prerequisites: Algebra II (632)

One Year

Minimum "C" average

or Algebra II (630) "A" average and the successful completion of a level change skills test

Signature of Instructor

This course emphasizes the study of functions. Linear, polynomial, rational, exponential, and trigonometric functions with graphing and applications are studied. Also studied are the basic laws of probability, logarithmic equations, and use of matrix operations. Graphing calculator technology will be utilized. Project based learning activities will be incorporated.

HONORS PRECALCULUS (645)

Grades: 11, 12

Level III

Prerequisites: Honors Algebra II/Trig (635)

One Year

Minimum "C+" average

Signature of Instructor

This course is fast-paced and designed for high-ability students. It is intended to provide a rigorous and in-depth study of precalculus topics and will prepare students for college-level calculus. Topics presented include the continued study of functions; algebraic, polynomial, power, exponential, logarithmic, logistic, and trigonometry (including identities), complex numbers, vectors, polar coordinated, conic sections, sequences and series, and introduction to limits. Real-life applications will be explored using a variety of technology. Project based learning will be incorporated.

AP CALCULUS AB (653)

Grade: 11, 12

Level III

Prerequisites: Honors Precalculus (645) and/or

One Year

Recommendation of the Department

Signature of Instructor

This course is intended for students who have a thorough knowledge of college preparatory mathematics, including algebra, geometry, trigonometry and analytic geometry. It is designed to fulfill the requirements of CALCULUS AB, one of the Advanced Placement Programs of the CEEB. It includes the study of functions, limits, differentiation and integration with applications in curve sketching, motion, rates of change, area and volume, growth and decay, and optimization. Graphing calculators are used throughout the course.

Students are strongly encouraged to take the Advanced Placement exam in May. This may earn them college credit or advanced college placement. **The cost of the AP exam for this course will be approximately \$95.00. This exam fee will be collected during March of 2018.**

AP CALCULUS BC (654)

Grade 11-12

Level III

Prerequisite: Completion of AB Calculus and/or equivalent
Grade B or above in AB Calculus/3 or
better on AP Calculus AB exam.
Departmental Approval

Course Description:

Calculus BC is an extension of Calculus AB. Common topics require a similar depth of understanding. Broad concepts and widely applicable methods of problem solving are emphasized. This course covers a review of AB topics and then continues into new topics. These topics include: Taylor polynomials, analysis of series, parametric functions, polar functions, vector analysis, and an extended study of integral applications. Technology will be used regularly by students and teachers to reinforce the relationships among the multiple representations of functions, to confirm written work, to implement experimentation, and to assist in interpreting results.

Students are strongly encouraged to take the Advanced Placement exam in May. This may earn them college credit or advanced college placement. **The cost of the AP exam for this course will be approximately \$95.00. This exam fee will be collected during March of 2018.**

PRINCIPLES OF ENGINEERING (662 for Level II OR 665 for Level III)

Grade: 11, 12

Level: II, III

Prerequisite: Enrollment in a Level 2 or Level 3
mathematics class.
Engineering course level should match
mathematics course level.

This one semester course gives students the opportunity to do hands-on, directed, project-based learning activities in the STEAM lab. Students will follow the Engineering Design Process used by professional engineers. Individual and group assignments will be completed in the areas of Design Thinking, 3-D printing, engineering drawing, and 3-dimensional design and construction. Other projects may be included. Students will follow the Engineering Design Process used by professional engineers. Project requirements will be modified for Level II students. Other possible activities include field trips to manufacturing facilities and universities, visits from alumnae studying or working in the STEAM fields, and involvement with professional organizations such as the Society of Women Engineers.

SCIENCE

To become intellectually responsible, scientific thinkers and problem solvers requires both an active curiosity and strong analytical thinking skills. Science at Regina Dominican is therefore taught as an inquiry-based process and includes developing a body of knowledge about both the physical and living world. It is desirable that students be well grounded in all the sciences as current scientific research continues to be not only technology based but also increasingly more interdisciplinary in its scope.

The following is a listing of courses offered for each grade level. Refer to the accompanying chart for sequencing of courses.

FRESHMAN YEAR

Biology (710)	1 Year
Biology (712)	1 Year
Honors Biology (716)	1 Year

SOPHOMORE YEAR

Any of the above	
Physical Science (719)	1 year
Chemistry (720)	1 year
Chemistry (722)	1 Year
Honors Chemistry (726)	1 Year

JUNIOR/SENIOR YEAR

Any of the above	
Environmental Science I (730)	1 Semester
Environmental Science II (733)	1 Semester
Human Anatomy and Physiology, level 2 (742)	1 Year
Human Anatomy and Physiology, level 3 (748)	1 Year
Physics (732)	1 Year
Honors Physics (736)	1 Year
AP Biology (718)	1 Year (two periods) 2 credits
AP Chemistry (728)	1 Year (two periods) 2 credits
AP Physics 1: Algebra-based (740)	1 Year
Forensic Science I (760)	1 Semester
Forensic Science II (762)	1 Semester
Principles of Engineering (764)	1 Semester
Principles of Engineering (765)	1 Semester
Astronomy (751)	1 Semester
Geology (758)	1 Semester

Three years of Science are required. It is the philosophy of the Science Department that the students should be exposed to each of the three sciences, biology, chemistry and physics, in preparation for college.

SCIENCE DEPARTMENT FLOW CHART

	SEQUENCE I	SEQUENCE II	SEQUENCE III
Freshman	Biology 710	Biology (712)	Honors Biology (716)
Sophomore	Physical Science (719) or Chemistry (720)	Chemistry (722)	Honors Chemistry (726)
Junior	Chemistry (720) or Chemistry (722) Or Environmental Science (730,733) Forensic Science I (760) Forensic Science II (762) Astronomy (751) Geology (758)	Physics (732)	Honors Physics (736) or Human Anatomy & Physiology, level 2 (742) or Human Anatomy & Physiology, level 3 (748)
Senior	Environmental Science (730, 733) Forensic Science I (760) Forensic Science II(762) Astronomy (751) Geology (758)	Environmental Science (730, 733) Forensic Science I (760) Forensic Science II(762) Astronomy (751)	AP Biology (718) or AP Chemistry (728) or AP Physics 1 (740) or Human Anatomy & Physiology, level 2 (742) or Human Anatomy & Physiology, level 3 (748)

A student must have the signature of her science teacher to be admitted to the next course. If not currently taking science, the signature of the last science teacher or department chair must be obtained. **Mathematics prerequisites are strictly observed.**

The above are just some of the possible tracks that students may take through science courses at Regina Dominican. Some students grow in interest and accomplishment and are able to take more challenging courses as they progress through high school. Others have greater strength in one type of science over another and take courses at different levels in different sciences. The department wants to challenge each student at her own appropriate level.

BIOLOGY (710)

Grade: 9, 10, 11

Prerequisites: Recommendation by Department

Level I

One Year

This course is designed to familiarize students with the main topics in Biology including ecology, cellular biology, genetics, evolution and the study of the six kingdoms of life. Laboratory work is an integral part of this course, with emphasis on technique and application of the scientific method. This course discusses the general concepts covered, and makes connection between the topics covered and daily life, as well as emphasizes the application of the material to daily life.

This course is intended for students who wish to learn basic Biology without the more rigorous approach of Biology 712.

BIOLOGY (712)

Grades: 9, 10, 11

Prerequisites: Recommendation by Department

Level II

One Year

This life science course includes cell biology, genetics, evolution, and an introduction to classification systems and zoology. Laboratory work is a significant component using guided inquiry to teach the scientific method and basic lab techniques, preparing the student for future science courses, culminating in a dissection at the end of the year. The students will do an investigative project second semester demonstrating the connection between science, technology, and society.

HONORS BIOLOGY (716)

Grades: 9, 10

Prerequisites: Recommendation by Department

Level III

One Year

The scope of this honors course includes cellular and molecular biology, basic organic chemistry, cellular respiration, photosynthesis, classification, genetics, and evolution. The laboratory portion requires hands-on and simulation activities emphasizing the similarities and differences among all life forms, and the dynamics of the living world. Lab experiences emphasize the nature of science as a process and have a large inquiry basis. This course is intended for students with superior ability and high motivation, and requires a great deal of independent learning and discovery.

AP BIOLOGY (718)

Grades: 11, 12

Prerequisites: Honors Biology and Honors Chemistry with "C" average or higher or
Level II Biology and Level II Chemistry with "B" average or higher
AP Biology instructor approval

Level III

One Year

(2 periods, 2 credits)

This is a comprehensive college level course in biology based on the outline provided by the College Board. Therefore, only serious students with high interest in biology and excellent study habits and lab skills should take this course. Topics covered include: molecular and cellular biology, organismal biology, genetics, evolution, human anatomy, and ecology. Laboratory work is a major component of this course and labs are largely inquiry-based. Students will develop understanding of common lab equipment and techniques, and apply this knowledge to designing and conducting labs to test questions of their own devising. Lab work will also include research components and the use of technology. Students are strongly encouraged to take the Advanced Placement exam in May. Many colleges and universities give college credit depending on the score of the AP exam. **The cost for the AP exam for this course will be approximately \$95.00. This exam fee will be collected in March of 2018.** Students planning to take both AP Biology and Anatomy and Physiology should seriously consider taking Anatomy and Physiology first.

PHYSICAL SCIENCE (719)

Grades 10, 11

Prerequisites: Biology 710
First year Mathematics

Level I

One Year

Physical Science is an introductory course intended for students who have an interest in learning general information about chemistry and physics. Some of the topics covered include the scientific method, measurement, properties of matter, acids and bases, salts, energy, forces, motion, sound, light and electricity. Lab work and lab writing are an integral part of this course.

CHEMISTRY (720)

Grades: 10, 11, 12

Prerequisites: C or better in Level II Algebra OR
B or better in Level I Algebra

Level I

One Year

This laboratory course is designed to include atomic structure, periodicity, bonding, chemical formulas, equations, solution, acid-base chemistry and selected topics in organic and nuclear chemistry with an emphasis on application in daily life. The approach is less mathematical and more qualitative than Chemistry 722. It is for students who wish to learn basic chemical principles but who would possibly experience difficulty with the more rigorous quantitative approach in Chemistry 722.

CHEMISTRY (722)

Grades: 10, 11, 12

Level II

Prerequisites: C or better in Level III Algebra both semesters OR
B or better in Level II Algebra both semesters AND
C or better in Level II Biology both semesters OR
B or better in Level I Biology both semesters

One Year

This is an introductory chemistry course including atomic structure, bonding, chemical reactions, stoichiometry, gas laws, solutions, heats of reaction, kinetics, acid-base chemistry, equilibrium, and other topics. The approach is both quantitative and qualitative; laboratory experiments develop many of the topics covered. Computer technology is used for research, data collection and manipulation, and a project involving re-purposing disposable materials is included.

HONORS CHEMISTRY (726)

Grades: 10, 11, 12

Level III

Prerequisites: A or B in Level III Algebra both semesters OR
A in Level II Algebra both semesters AND
A or B in Level III Biology both semesters OR
A in Level II Biology both semesters

One Year

Topics for this course mirror those for 722 but this course is designed for those students with a stronger mathematics background, who will probably elect more science in college, and who are comfortable working at an accelerated pace. Topics are covered in greater depth, requiring strong analytical and critical thinking skills.

AP CHEMISTRY (728)

Grades: 11, 12

Level III

Prerequisites: 4.50 GPA in Honors Chemistry
4.50 Mathematics GPA in Level III or
"A" in Level II Algebra, "A" in Level II Chemistry with a summer
semester in Honors Chemistry or College Chemistry (local community college OK)
AP Chemistry Instructor's Approval
Summer Assignments

One Year (2 periods, 2 credits)

This college-level course in general chemistry includes a double period (for 2 credits) in order to cover topics and laboratory work introduced in the first year course and other topics to fulfill the requirements of the AP College Board. A rigorous approach is utilized with an emphasis on problem solving supplemented by computer technology. Laboratory work is designed to further develop skillful laboratory techniques, to increase student accuracy in quantitative measurements and to refine a student's critical thinking skills in an experimental setting.

Students are strongly encouraged to take the Advanced Placement exam in May. Many colleges and universities give college credit or Advanced Placement depending on the score of the AP Exam. **The cost of the AP exam for this course will be approximately \$95.00. This exam fee will be collected during March of 2018.**

ENVIRONMENTAL SCIENCE I (730)

Grades: 11, 12

Level II

Prerequisites: Chemistry (719) or (720) or (722)

One Semester

This is a semester course focused on environmental issues and the interactions among the living components of ecosystems. Topics include chemical cycling, respiration, photosynthesis, and ecology. Each unit addresses not only the specifics of a particular topic, but also explores current problems related to human impact and possible solutions to these problems. The main focus of the course is to encourage students to develop an awareness of their environment and actions, and to develop opinions and possible solutions to environmental concerns. Lab work and technology are integral parts of this course.

ENVIRONMENTAL SCIENCE II (733)

Grades: 11, 12

Level II

Prerequisites: Chemistry (719) or (720) or (722)

One Semester

This is a semester course focused on environmental issues and non-living aspects of ecosystems. Topics include renewable vs non-renewable energy sources, climate, and severe weather occurrences. Each unit addresses not only the specifics of a particular topic, but also explores current problems related to human impact and possible solutions to these problems. The main focus of the course is to encourage students to develop an awareness of their environment and actions, and to develop opinions and possible solutions to environmental concerns. Lab work and technology are integral parts of this course. Completion of Environmental Science I (730) is encouraged but NOT required.

PHYSICS (732)

Grades: 11, 12

Level II

Prerequisites: B Average in Mathematics, Completed OR

One Year

Enrolled in Algebra II (632),

Completed Chemistry (722) with C or Better

This Physics course provides the students with a traditional high school program of study. This course treats Physics conceptually which means concepts are presented in familiar terms with equations as “guides to thinking.” Comprehension of concepts before calculations is the key to understanding. Topics covered include mechanics, waves, sound, light, electricity and magnetism. Through laboratory work, the students apply the knowledge they have learned in the classroom to actual physical situations.

Students will engage in numerous demonstrations, labs, and other hands-on activities and projects. These include: riding a full-size hovercraft, launching water balloons and bowling balls, studying the physics of roller coasters at Six Flags, and building model bridges. Additionally, students will complete two projects: a bridge building exercise; and a research paper on the impact of global energy sources.

HONORS PHYSICS (736)

Grades: 11, 12

Level III

Prerequisites: A in Chemistry (722) OR

One Year

B in Honors Chemistry (726),

A in Geometry (622) OR

B in Honors Geometry (625), Completed or

Enrolled in Honors Algebra II/Trig (635) with B or Better

The Honors Physics course mirrors the content of Physics (732), but is designed for students with a stronger mathematics background; in particular it is assumed that students have mastered algebra and geometry. Honors mathematics is recommended. Topics are covered in more depth, at a faster pace, and with a greater emphasis on critical thinking and problem-solving skills.

Students will engage in numerous demonstrations, labs, and other hands-on activities and projects. These include: riding a full-size hovercraft, launching water balloons and bowling balls, studying the physics of roller coasters at Six Flags, and building model bridges. Additionally, students will complete two projects: a bridge building exercise; and a research paper on the impact of global energy sources.

AP PHYSICS I - Algebra based (740)

Grades: 11, 12

Level III

Prerequisites: B in Honors Physics (736) and

One Year

Honors Algebra II/Trig (635) Both Semesters OR

A in Honors Chemistry (726) and

Honors Algebra II/Trig (635) Both Semesters

The Advanced Placement Physics 1 course is the equivalent of a first semester college course in algebra-based physics, but it is designed to be taught over a full academic year to enable students to gain a deep understanding of the content and to focus on applying their knowledge through inquiry labs. The full year also allows time for inclusion of physics content specified by state standards.

The course covers Newtonian mechanics (including rotational dynamics and angular momentum); work, energy, and power; mechanical waves and sound. It also introduces electric circuits. College level materials are used, and the course will provide excellent preparation for further college studies in science. Upon completion, the student will have received instruction necessary for preparation for the Advanced Placement Algebra-based Physics 1 test.

Students are strongly encouraged to take the Advanced Placement exam in May. Many colleges and universities give college credit or Advanced Placement depending on the score of the AP exam. **The cost of the AP exam for this course will be approximately \$95.00. This exam fee will be collected during March of 2018.**

ANATOMY & PHYSIOLOGY (742)

Grades: 11, 12

Level II

Prerequisites: Level 2 Biology and Chemistry
Grade "C" or higher OR

One Year

Level 1 Biology and Chemistry, grade "A" in each,

AND instructor's permission with conditional admittance form.

A grade of "D" in any science course disqualifies student from taking this course.

This is a comprehensive study of all the human organ systems, using a college level textbook, it is ideal preparation for anyone interested in pursuing a career in the health sciences. Laboratory requirements consist of physiological and anatomical investigations, including a feline dissection. Special attention is given to the application of knowledge for diagnosis and treatment of disease processes. Lecture, research projects, case presentations and computer labs are part of the course. A basic understanding of Latin (1-2 years) is recommended but not required. Students planning to take both Anatomy and Physiology and AP Biology should strongly consider taking Anatomy and Physiology first. The tests, quizzes and lab requirements are modified for level 2 students.

ANATOMY & PHYSIOLOGY (748)

Grades: 11, 12

Level III

Prerequisites: Honors Biology & Honors Chemistry
with "C" average or higher OR

One Year

Level 2 Biology, grade of "A" and Honors Chemistry

Grade "C" or higher

A grade of "D" in any science course disqualifies student from taking this course.

This is a comprehensive study of all the human organ systems, using a college level textbook, it is ideal preparation for anyone interested in pursuing a career in the health sciences. Laboratory requirements consist of physiological and anatomical investigations, including a feline dissection. Special attention is given to the application of knowledge for diagnosis and treatment of disease processes. Lecture, research projects, case presentations and computer labs are part of the course. A basic understanding of Latin (1-2 years) is recommended but not required. Students planning to take both Anatomy and Physiology and AP Biology should strongly consider taking Anatomy and Physiology first.

ASTRONOMY (751)

Grades: 11, 12

Level II

Prerequisite: Algebra & Geometry

One Semester

Astronomy is an introductory one-semester course which combines lecture, laboratory, hands-on activities, and field trips. Designed for all students, this course will focus on conceptual rather than quantitative approaches to the science of stars, planets, comets and galaxies. Astronomy is one of the oldest sciences; for thousands of years, people have studied the night skies, trying to understand the nature of the universe and our place within it. What are the stars and planets made of, and how did they come into being? How old is the universe, and how big? How and why do the stars and planets move through the heavens? What do we know about the universe, and how do we know it?

SCIENCE LAB TECH (754)

Grades: 11, 12

Prerequisite: Biology, Chemistry

No level – Pass/Fail

One Semester – .25 credit

Science lab technicians work in the science laboratories under the supervision of science faculty to prepare and clean up experiments, organize equipment and supplies, and maintain inventory. Students who sign up for this course will be reviewed by the department and participants will be selected. Personal responsibility and commitment are important attributes for the participating students. The time commitment is one or two periods per week during study hall.

GEOLOGY (758)

Grades: 11, 12

Prerequisite: Chemistry 720 or 722
3.5 GPA
“C” or better in Algebra I recommended
Department Approval

Level II

One Semester

Geology is a semester long introductory course organized around the concept of plate tectonics. The course will cover the formation and history of the earth. Forces that have shaped the earth including causes of subduction, continental rifting, formation of new oceanic lithosphere, mountain building, types of faults, earthquakes, hot spots and paleomagnetism will be discussed. Geologic time including absolute dating and the principles of relative dating will be covered. Students will learn about the evolution of life on earth during the Precambrian, Paleozoic, Mesozoic, and Cenozoic eras.

FORENSIC SCIENCE I: Biological Evidence (760)

Grades: 11, 12

Prerequisite: Biology, Chemistry

Level II

One Semester

This course looks at the laboratory science behind the investigation of crime scene biological evidence. Using the scientific method, students learn how to process the crime scene and collect evidence for laboratory analysis. Forensic Science deals with many of the underlying themes of biology such as cell structure and function, behavior, life processes, anthropology and human systems. The biology of plants, animals, fungi, pollen and spores, etc. is also studied. Some of the biology concepts taught through laboratory work: life cycle of an organism, blood, fingerprints, hair, plants, genetics and DNA analysis, drugs, poisons, biometrics, bone analysis, death and conditions of a dead body. The study of mental processes and behavior, including the emotional and behavioral characteristics of an individual group, society or activity are part of these investigations.

FORENSIC SCIENCE II: Physical Evidence (762)

Grades: 11, 12

Level II

Prerequisite: Chemistry

One Semester

Physics (recommended)

Forensic Science I is not a prerequisite for this course.

This course looks at the laboratory science behind the investigation of crime scene physical evidence. Using the scientific method, students will learn how to process the crime scene and collect evidence for laboratory analysis. Earth Science, Chemistry and Physics provide the main sources for laboratory investigations. Some of the laboratory investigations involve fibers and textiles, the physical analysis of blood spatter, handwriting analysis, forgery and counterfeiting, soil examination, glass evidence, casts and impressions, tool marks and ballistics. The student will gain in-depth practice in multiple laboratory techniques. The study of mental processes and behavior, including the emotional and behavioral characteristics of an individual group, society or activity are part of these investigations.

PRINCIPLES OF ENGINEERING (764)

Grade: 11, 12

Level II

Prerequisite: Enrollment in a Level 2 or Level 3 mathematics class.

One semester

Engineering course level should match mathematics course level.

This one semester course gives students the opportunity to do hands-on, directed, project-based learning activities in the STEAM lab. Students will follow the Engineering Design Process used by professional engineers. Individual and group assignments will be completed in the areas of Design Thinking, 3-D printing, engineering drawing, and 3-dimensional design and construction. Other projects may be included. Students will follow the Engineering Design Process used by professional engineers. Project requirements will be modified for Level II students. Other possible activities include field trips to manufacturing facilities and universities, visits from alumnae studying or working in the STEAM fields, and involvement with professional organizations such as the Society of Women Engineers.

PRINCIPLES OF ENGINEERING (765)

Grade: 11, 12

Level III

Prerequisite: Enrollment in a Level 2 or Level 3 mathematics class.

One semester

Engineering course level should match mathematics course level.

This one semester course gives students the opportunity to do hands-on, directed, project-based learning activities in the STEAM lab. Students will follow the Engineering Design Process used by professional engineers. Individual and group assignments will be completed in the areas of Design Thinking, 3-D printing, engineering drawing, and 3-dimensional design and construction. Other projects may be included. Students will follow the Engineering Design Process used by professional engineers. Project requirements will be modified for Level II students. Other possible activities include field trips to manufacturing facilities and universities, visits from alumnae studying or working in the STEAM fields, and involvement with professional organizations such as the Society of Women Engineers.

SOCIAL STUDIES

The Social Studies Department presents students with an integrated course of studies to promote global awareness and appreciation of both history and culture. The Social Studies Curriculum combines the content, skills, perspectives, technologies, and tools of inquiry essential for young women to make informed decisions for the public good. The primary purpose of the department is to develop citizens who will assume roles of responsibility in a culturally diverse, democratic society within an interdependent world.

FRESHMAN YEAR

World History or	1 Year (required)
Honors World History	1 Year (required)

SOPHOMORE YEAR

U.S. History or	1 Year (required)
AP U.S. History	1 Year (required)

SENIOR YEAR

U.S. Government and Politics	1 Semester (Required)	or
AP U.S. Government and Politics	1 Semester (Required)	

Additional Social Studies courses may be chosen from the electives listed below:

JUNIOR/SENIOR ELECTIVES

Contemporary Issues	1 Semester
Consumer Economics	1 Semester
Sociology	1 Semester
Psychology (Seniors only)	1 Semester
Honors Psychology (Seniors only)	1 Semester
AP European History	1 Year
American Legal Studies	1 Semester

Three credits in Social Studies are required for graduation from Regina Dominican including one credit in Honors World History or World History, one credit in A.P. U.S. History or U.S. History, one-half credit in A.P. U.S. Government and Politics or Government and Politics, and one-half credit in an elective.

WORLD HISTORY (813)

Grade: 9

Prerequisite: None

Graduation Requirement

Level II

One Year

This course traces the development of human civilization from earliest human development to the late Twentieth century. The course content will center on the growth of Western culture but will also include non-western culture. Students should learn to compare change over time and compare similarities and differences between different cultures and time periods in history. Students will learn to incorporate a variety of student activities including cooperative learning. Some emphasis will include making comparisons between the past and the present. The course load will concentrate on helping students develop different learning strategies and study techniques. Students should be able to incorporate these skills into other study methods. They will practice note taking and outlining techniques and utilize technology in their learning strategies. Students will read historical documents that have conflicting conclusions, analyze each source and write an argument supporting one document or another and draw conclusions. Students will improve reading comprehension and acquire reading test skills.

HONORS WORLD HISTORY (816)

Grade: 9

Prerequisite: Department Approval

Level III

One Year

This course traces the development of human civilization from pre-historic to post-modern times. Course content emphasizes both Western and Non-Western civilizations. Students will develop transferable skills in primary and secondary source analysis, critical reading, outlining, and note taking. The course will also facilitate the development of individualized learning strategies and study techniques. Activities, assessments and instruction will vary in order to provide students with the opportunities to learn and display understanding in a variety of fashions. Students will engage in group and individual projects designed to develop in-depth understanding of course materials.

U.S. HISTORY (822)

Grade: 10

Prerequisites: None

Level II

One Year

This course stresses the objective of discovering a balanced perspective of the past so as to focus on the present. It includes analysis of America's early beginnings, the movement toward independence and the formation of a democratic government. Students will broaden their understanding of the interplay among the political, economic, and social factors that define U.S. History and our Nation. Students will use current multimedia resources and developing technology. Students will be exposed to speakers that have had personal experiences with the past and trips outside the school environment will be made available.

AP U.S. HISTORY (823)

Grade: 10

Level III

Prerequisites: 4.50 GPA in Social Studies
and English Courses
Summer Reading/Writing Assignments
Department Approval

One Year

This Advanced Placement United States History course offers an in-depth and comprehensive study of the history of this country. Students examine the development of the democratic political system, the gathering of peoples and cultures from all over the world into this society, the transformation of its economy from agricultural to post-industrial and its changing role in the world. Students deepen their own understanding of the interplay among the political, economic, and social factors that define this nation. Students in this course use college level textbooks and primary source materials. This class demands intensive concentration on critical reading and writing, including essays and research papers with the assistance of multimedia technologies. It is mandatory that students who enroll in this course take the Advanced Placement examination with the possibility of earning college credits upon successful completion of the AP examination. **The cost of the AP exam for this course will be approximately \$95.00. This exam fee will be collected during March of 2018.**

CONTEMPORARY ISSUES (834)

Grades: 11, 12

Level II

Prerequisite: None

One Semester

This course focuses on the significant, relevant, and interesting elements that are a part of the 21st century world by concentrating on issues with both international and domestic relevance. Students will explore a variety of topics by performing research, participating in class discussions, preparing for tests and quizzes, and completing individual and group projects. Contemporary issues facilitates the process of identifying current events and global issues in a way that develops understanding of their varying perspectives by requiring students to take a position on these issues and also articulately express those positions in a variety of formats. This course enhances the skills and knowledge necessary to be an educated, informed, and articulate participant and leader in the 21st century world.

CONSUMER ECONOMICS (838)

Grades: 11, 12

Level II

Prerequisite: None

One Semester

Economics is the discipline of studying how individuals and groups use their resources, such as time, money and energy. By completing this course students become empowered and effective economic actors and become more fully prepared to optimally function in American society. Knowledge of economics creates a foundation for understanding how the American economy operates as well as how to be an efficient and intelligent producer and consumer. Course objectives are accomplished by educating students about life-important skills, abilities and knowledge such as job-searching, resume writing, budgeting, understanding and investing in the stock market, credit, insurance, taxes and advertising. Activities, assessments and instruction will vary in order to provide students with the

opportunities to learn and display understanding in a variety of fashions. Students will complete several projects focusing on life planning, job searching and advertising.

SOCIOLOGY (841)

Grades: 11, 12

Level II

Prerequisite: None

One Semester

Sociology is the scientific study of social structure and in this course students will explore human group behavior and how the world around them is categorized according to Sociology. This goal is accomplished by understanding the concepts of groups, culture, social structure, race, gender, family, education, religion and sport. With these understandings, students analyze different aspects of society using sociology to gain insight as to how individuals and groups develop these concepts and how they influence the functionality and variation among societies. Activities, assessments and instruction will vary in order to provide students with the opportunities to learn and display understanding in a variety of fashions.

AP EUROPEAN HISTORY (844)

Grades: 11, 12

Level III

Prerequisites: 4.5 GPA in Social Studies
and English Courses

One Year

Department Chair Approval

Students engage in discussion and inquiry in order to successfully perform on the Advanced Placement European History Exam. Using accelerated frameworks and corresponding assessments students analyze and evaluate a variety of topics in modern European history ranging from the Hundred Years War to the European Union. Students relate the past to the present as they interact with cultural, social, political, and economic topics. Students read and analyze original documents identifying and comparing divergent perspectives contained in the readings. Students will learn to write long essay questions that include a thesis and short essays of one page that are more specific. In addition to various modes of assessment students submit three major research projects and execute one oral presentation. They complete the first research project during the summer prior to the first class session. The Social Studies Department strongly recommends that students take the Advanced Placement European History Exam offered in May.

PSYCHOLOGY (845)

Grade: 12

Level II

Prerequisite: None

One Semester

Students will explore an introductory study in general Psychology. Students will be required to develop a vocabulary in terms and descriptions and an understanding of several different theories of Psychology. The course will begin with a brief background of the field. It will then be followed by the study of human development from infancy to old age, and the brain and nervous system. Students will then be allowed to choose from a variety of topics that they find most interesting. Course work will

include completing a five to seven page research project in the second quarter with teacher approval. A comprehensive semester exam will be given at the end of the course.

U.S. GOVERNMENT AND POLITICS (846)

Grade: 12

Level II

Prerequisite: None

One Semester

Students examine the American system of government with special emphasis on the three (3) branches of government at the national and state level, the gap between political theories and political behavior, the realities and paradoxes of American elections, and the role of public opinion in American politics. Students critically analyze current events, newspaper articles, and a variety of technological resources. Students witness a trial at the Criminal Court and hear guest speakers as a practical feature of this course. The required Constitution tests and display of the flag are part of the final assessment.

HONORS PSYCHOLOGY (847)

Grade: 12

Level III

Prerequisite: 4.5 GPA /Department approval

One Semester

Honors Psychology is an advanced one semester course. The course will begin with psychological and academic development from infancy to old age. The second area would be the nervous system, brain, and Endocrine system. Great emphasis will be placed on Psychological theory evaluating different theorists' approach. Altered states of consciousness, thought, memory and learning as well as abnormal Psychology will also be studied. The course will include several short research projects and a major five to seven page research project. Tests will include multiple choice and essay tests and a Semester final examination. The class will follow an Advanced Placement format but on a reduced content level.

AP U.S. GOVERNMENT AND POLITICS (848)

Grade: 12

Level III

Prerequisites: 4.66 GPA in Social Studies
and English Courses
Department Approval

One Semester

Students work with a teacher in a class in which the teacher serves as discussion leader, questioner, critic and scholar helping the members of the class assume much of the responsibility for their own learning. This course is an intensive study of the formal and informal structures of government and the processes of the American political system, with an emphasis on policy-making and implementation. The course includes supplemental readings, including primary source materials (such as The Federalist Papers) and contemporary news analysis. Students critically research current world issues from scholarly media coverage and technology resources. Students witness a trial at the Criminal Court. The required Constitution tests and display of the flag are part of the final assessment.

Students are required to take the Advanced Placement exam in May. This may earn them college credit or advanced college placement. **The cost of the AP exam for this course will be approximately \$95.00. This exam fee will be collected during March of 2018.**

This course is offered second semester, but students will be required to meet bi-monthly during first semester.

AMERICAN LEGAL STUDIES (851)

Grade: 11 & 12

Prerequisites: None

Level II

One Semester (2nd Semester)

American Legal Studies is a semester long social studies elective that serves as an introductory course to law and legal systems in the United States. Units will include...

Introduction to Law

Constitutional Law

Criminal Law and the Criminal Justice Process

Civil Law (Torts, Contracts and Family Law)

Like any introductory course, American Legal Studies is a survey. It will touch on broad and specific legal topics to give students a better understanding of law and how it affects them in real life. We will use case studies, individual research, group discussion / debate, guest speakers and mock trials throughout the course in order to reach our goal. Dueling opinions and lively debate should be the norm in this course making the class fun, enriching and meaningful

PHYSICAL EDUCATION

Physical Education is vital to each student's total education at Regina Dominican. Through participating in the physical education program she explores her physical strength, coordination, muscle development, and movement, with opportunities to experience sportsmanship and teamwork. During physical education, young women may increase their physical competence, health-related fitness, self-esteem and enjoyment for physical activities so they can be physically active for a lifetime.

FRESHMAN YEAR

Physical Education I

1 Semester (Required)

SOPHOMORE YEAR

Physical Education II or Dance
and
Health

1 Semester (Required)

1 Semester (Required)

JUNIOR/SENIOR YEARS

Physical Education (Elective)
Dance (Elective)
PE Leaders (Elective)

PHYSICAL EDUCATION I (901)

Grade: 9

Level II

Prerequisite: None

One Semester

This course is designed to give students the opportunity to learn and develop fundamental skills and strategies of individual and dual activities, as well as fitness concepts and conditioning techniques used for achieving and maintain optimal physical fitness. This course includes: lecture, activity sessions and mini-projects. Activities include: team building, handball, volleyball, soccer, softball and basketball. With the introduction to fitness activities including: aerobic training, balance training, strength training, weight training and yoga.

PHYSICAL EDUCATION II (902)

Grade: 10

Level II

Prerequisite: Physical Education I

One Semester

This course is a continuation of Physical Education 1, which may include instruction in the following areas: team building, flag football, golf, floor hockey, pickleball, badminton and speedball. Advanced fitness activities including: aerobic training, balance training, strength training, weight training, pilates, zumba and yoga. This course includes: lecture, activity sessions and mini-projects.

PHYSICAL EDUCATION ELECTIVE (903)

Grades: 11, 12

Level II

Prerequisites: Physical Education I and II

One Semester

This course is offered to Juniors and Seniors interested in continuing with the Physical Education program. This course includes advanced training in fitness, which relates to various activities. Advanced fitness activities may include the following: aerobic training, balance training, strength training, weight training, pilates, zumba, and yoga. Students will be empowered to make wise choices, meet challenges, and develop positive behaviors in fitness, wellness, and movement activity for a lifetime.

PHYSICAL EDUCATION LEADERS (905)

Grades: 11, 12

No level - Pass/Fail

Prerequisites: Physical Education I and II

One Semester

Signature of Instructor

This course is for students interested in assisting in a PE I or II class. The student's responsibility consists of setting up and removing equipment, officiating, warm-up activities, leading stretching exercises, skill demonstration, and skill assistance to members of the class. The student is assigned to a PE I or II class where needed. CPR is recommended but not required. This class will be graded on a pass/fail basis.

DANCE LEADERS (908)

Grades: 11, 12

Prerequisites: Instructor Approval

Level III

One Semester

This course is for advanced dance students interested in assisting a Dance Foundations class. The student's responsibilities include demonstrating dance exercises in various genres, leading stretches, and assisting the teacher in technique instruction.

HEALTH (915)

Grade: 10

Prerequisites: None

Level II

One Semester (Required)

This course is designed to help students examine lifestyles, select goals and make plans to achieve and maintain optimum health. Working closely with the counseling department, lesson plans are developed that will guide the student to an understanding of the lifelong process of physical, intellectual, emotional, and social growth. Human sexuality, with an emphasis on sexual abstinence until marriage, is explored, following guidelines for optimal physical, mental, emotional and social health and wellness. Cyber research, films, projects, and class activities are used to foster student understanding. This course is a state requirement for graduation.

DANCE FOUNDATIONS (926)

Grades: 9, 10, 11, 12

Prerequisite: None

Level II

One Semester

Dance Foundations is a semester-long course designed for students seeking foundational knowledge in the practice and applications of dance. The objective of the class is to explore and learn beginning dance techniques and build awareness around the impact of dance in society, culture, and history. Students will study Ballet, Jazz, Modern, Ugandan, and Hip Hop Dance techniques, as well as an introduction to Composition. These genres will be taught in historical and cultural context and will provide an experiential learning opportunity of dance skills, techniques, improvisation, choreography, and critical analysis. Over the course of the semester, students will harness their own expressive capabilities and technical skills to collaborate, create, and perform dances, and prepare for additional advanced coursework. This course may be taken as either a Physical Education or Fine Arts credit.

MODERN DANCE (932)

Grades: 10, 11, 12

Level II

Prerequisites: Foundations OR Permission of Instructor

One Semester

Modern Dance is a semester-long course designed for students who have had an introduction to Modern Dance techniques through Dance Foundations and are looking to deepen their knowledge, technique, and artistic expression in this specific discipline. Students will hone their technical and artistic abilities in a historical and cultural context, studying the styles of Modern Dance pioneers such as Martha Graham, Jose Limon, Doris Humphrey, and others. The objective of the class is to further technical training and understanding of this classic dance form. Select classes will be dedicated to dance-specific body conditioning and training. This course may be taken as either a Physical Education or Fine Arts credit.

DANCE COMPOSITION (933)

Grades: 10, 11 &12

Level II

Prerequisites: Foundations OR Permission of Instructor

One Semester

Dance Composition is a semester-long course designed for a dancer that has taken technique class and is looking to enhance their choreographic knowledge and ability. The objective of the class is to foster the artistic voice and development of each student's ability to communicate meaning through choreography and performance. Students will focus on choreography and critical analysis while acquiring a diverse movement vocabulary in the Modern and Jazz Dance styles. Select classes will be dedicated to dance-specific body conditioning and training. This course may be taken as either a Physical Education or Fine Arts credit.

- With instructor approval, students may take Dance Composition for an Honors (Level III) course. This student will be held to a contract that includes additional outside work.