

2022 - 23
DE LA SALLE INSTITUTE
CURRICULUM GUIDE

One of the unique features of a comprehensive high school is the wide range of choices it offers to students. With this freedom of choice, however, comes an important responsibility since the courses that students select in high school can significantly affect their options for the future. It is the goal of the De La Salle administration and faculty to help you make informed and wise decisions regarding your high school program. This Curriculum Guide is designed to assist in that effort by providing you with a description of the courses offered at De La Salle Institute. However, before registering for courses, we encourage you to:

1. Develop or review a four-year plan and your past academic performance with your counselor;
2. Seek additional information about specific courses from your counselor, the Division Dean or individual teachers;
3. Ask the teacher to provide you with a copy of the course syllabus and any other pertinent information that will help you to learn more about a class, especially if you are considering an **ONLINE** course (see page 4);
4. Discuss your course selections with your parents.

Many people at De La Salle can play an important part in your selection of courses for next year. Teachers can offer advice on courses and program levels. Counselors can give you current information on careers and college requirements. It is important to emphasize that the final responsibility for course selection rests with the student and parents. Please take an active role in this task. We at school stand ready to assist you in whatever way we can.

Because every student is different, De La Salle's flexible and comprehensive course offerings recognize the needs of its students and responds with a curriculum that is structured, balanced, diversified, and challenging - providing a quality, Catholic, college preparatory education.

Use this Guide to select courses that provide you with the strongest academic support commensurate with your abilities, while enhancing your options after high school.

MISSION STATEMENT OF DE LA SALLE INSTITUTE

De La Salle Institute is a Catholic independent high school rooted in the tradition of Christian education begun by St. John Baptist de la Salle. Founded in 1889, its mission has been, and is, to foster a desire for excellence in education. Young people from a variety of ethnic and economic backgrounds are given the opportunity to fully develop their abilities so they may be active, contributing members of our complex, changing society.

CREDIT REQUIREMENTS

MINIMUM CREDITS REQUIRED FOR GRADUATION FROM DE LA SALLE INSTITUTE

**** 25 CREDITS ****

The minimum credits must be dispersed according to the following formula:

7.0 credits Division of Social Sciences

-to be distributed in the following way:

3.5 credits in Theology (4 years of Theology)

1.0 credit in World History

1.5 credits in U.S. History (includes American Govt.

0.5 credit in Civics Education & Constitution Exam)

0.5 credit in Consumer Ed

7.0 credits Division of Language Arts

-to be distributed in the following way:

4.0 credits in English

2.0 credits in World Language

0.5 credit in Fine Arts

0.5 credit in IDA-Intro to DLS Academics

7.0 credits Division of Applied Sciences

-to be distributed in the following way:

3.0 credits in Mathematics

2.5 credits in Science (includes 1.0 credit in Biology)

1.5 credits in Physical Education

4.0 credits in Elective Courses

- included, but not limited to: math, science, drawing, applied technology, drama, music, art, accounting, law, language, history or **ONLINE** courses.

COURSE LOAD

Students must register for 6.5 credits during freshman and sophomore years, and 6.0 credits during junior and senior year. Study periods will be added accordingly. Students in the Honors Program must schedule 7.0 credits during freshman and sophomore years, and 6.5 credits during junior and senior year. Except for freshman year, 5.0 credits must be in Honors courses to maintain status in the Honors Program.

COURSE REGISTRATION

Academic success begins with, and is directly related to, proper course selection and registration. Students register in March to choose required and elective courses for the following academic year. Students receive recommendations from classroom teachers for continuation in required courses, and choose electives and other academic courses required for graduation. Students are asked to complete a registration form, and after reviewing the choices with parents, turn the registration form in to the Administration Office for counselor review. A major goal of the education program is to hold students accountable for their approved course selections.

COURSE SYLLABUS

Within the first week of each class, teachers will provide their students with a Course Syllabus. This description will include general goals of the course, course activities, essential requirements, and criteria for grading. These Course Syllabi are intended to help students clearly understand the expectations of their teachers. Students are encouraged to review the descriptions throughout the semester.

COURSE AVAILABILITY

All courses listed in this Curriculum Guide require a sufficient number of student registrants to be offered in a given year. If there is not sufficient interest in a particular course, it will not be scheduled during the upcoming school year. In that situation, every effort will be made to schedule the student's alternate course selection.

Also, when the number of registrations for a course exceeds the space available, scheduling priority will be given by class order (ie. Seniors, Juniors, etc.) and prompt payment of tuition deposit for the upcoming academic year. With that situation, every effort will be made to schedule the student's alternate course selection.

SUMMER ASSIGNMENTS

Among De La Salle's curriculum goals is the continued development of writing skills and the development of reading and analytical skills. Courses at every level are designed with these goals in mind and some courses may require summer assignments in reading and writing. Ample notice of the work required, as well as the timeline for completion will be presented to students by June 15th. Assignments are often evaluated as part of the 1st Quarter grade.

ABILITY GROUPING/MATRICULATION

De La Salle Institute provides an academic program to meet the needs of a variety of students on different achievement levels. Each level provides a program of study which is challenging and builds upon the student's skills in order to promote upward academic mobility. The curriculum provides the student with the necessary academic competencies for life after De La Salle.

Ability grouping is used in theology, English, mathematics, science (except Physical Science), social studies, and world language. Students can be assigned to the various levels by course. Thus a student may be enrolled in an Honors English course and a college prep course in mathematics, as an example.

Students are assigned to the appropriate level based on some of the following criteria: past academic performance; teacher recommendations; placement examinations; counselor recommendations; parent recommendations. The Division Dean considers these factors in determining a student's placement in a particular level.

METEOR RESOURCE PROGRAM

In the Lasallian tradition, De La Salle seeks to provide an education that allows all students to pursue their future ambitions while working to promote justice in society. The goal of the Meteor Resource Program is to support De La Salle's mission of providing a Catholic and Lasallian education grounded in human dignity that puts every student in a position to succeed. Students who participate in the Meteor Resource Program are provided instructional support through dedicated personnel, spaces, technology, and accommodations to help them achieve their educational goals.

ONLINE COURSES

De La Salle Institute offers online courses to students interested in pursuing coursework not normally available during the typical academic day because of schedule limitations or program priority. These courses may have descriptions similar to their elective counterparts but are fast-paced for the self-motivated student to further prepare them for college. Online courses incorporate extensive reading, independent research, and significant weekly writing assignments. These courses are part of the student's annual program of studies and are included in his/her academic record and cumulative Grade Point Average (GPA).

To register for an online course, students must have a minimum cumulative GPA of 2.75. Incoming freshmen and first semester transfer students are not eligible. To complete registration, students and a parent/guardian will complete a Course Registration and Consent Form. Both forms are available from the Assistant Principal and Associate Principal.

Every online class is created based on a syllabus and presented online using an ordered, easy-to-follow framework. Students meet with the instructor at the beginning of the course with periodic in-school meetings scheduled as necessary. One of the most important parts of being successful while taking an online course is actively working with your peers. Our classes feature robust discussion threads and chat features. Classes may include group projects where students reach out to one another via email or in school to complete group assignments together.

The dialogue and interaction extends beyond your classmates. Teachers are actively involved in online class discussions and are available to answer questions in school or through email. Adequate enrollment of students must be met by the first week of the course semester for the course to be taught.

2022-23 Online Offerings Include:

<u>Course #</u>	<u>Title</u>	<u>Year</u>	<u>Ab. Level</u>
224	OL History of Chicago (one semester)	10-12	A
232	OL Intro to Educational Theory* (one semester)	11,12	H
236	OL History of the Middle East (one semester)	11,12	A
245	OL Philosophy (one semester)	11,12	A
324	OL Creative Writing (one semester)	10-12	A
642	OL Meteorology (one semester)	11,12	A
939	OL Moot Court* (one semester)	11,12	H

Course descriptions are included within Division listings with **highlighted** titles.

ACADEMIC PROGRAMS

The De La Salle Academic Program consists of courses designed to challenge the ability levels of the student body. The graduation requirements are designed to meet most college entrance and/or job application needs.

HONORS PROGRAM

This program is for students with high ability or special interests. It is designed to enable students to pursue college-level studies while still in high school. Students who complete the sequence have the opportunity to earn college credit through Advanced Placement Exams (AP) and the St. Mary's University (Winona, MN) PACC Program.

The courses and sequences below provide a superior background for the above-average qualified student. Following this recommended sequence will best assure acceptance into a four year college.

Matriculation of Studies - Honors (27.0 credits)

Freshman Year (7.0 credits)

Honors Theology I (0.5 credit)
Honors English I (1 credit)
Honors Language I (1 credit)
Honors Algebra I (1 credit)
Honors World History (1 credit)
Honors STEM Selection (1 credit):
 -Honors Biology
 -Intro to Engineering Design
Physical Education I (0.5 credit)
STREAM Selection and/or
 Fine Arts Requirement (1.0 credit)

Sophomore Year (7.0 credits)

Honors Theology II (1 credit)
Honors English II (1 credit)
Honors Language II (1 credit)
Honors Algebra II (1 credit)
Honors Biology (1 credit)
Humanities (0.5 credit)
Physical Education II (0.5 credit)
Elective (1.0 credit)

Junior Year (6.5 credits)

Honors Theology III (1 credit)
Honors American Literature (1 credit)
Honors Geometry & Pre-Calculus (1 credit)
AP U.S. History (1 credit)
Honors Chemistry (1 credit)
Honors Language III (1 credit)
Consumer Education (0.5 credit)
^Physical Education III (0.5 credit)

^ PE III Requirement (0.5 credit) must be taken either Junior or Senior year.

Senior Year (6.5 credits)

Honors Theology IV (1 credit)
AP English IV (1 credit)
AP Calculus or Pre-Calculus (1 credit)
AP American Politics (1 credit)
 (includes Civics Education)
AP/Honors Physics or
 Hon Anatomy & Physiology (1 credit)
AP Language IV (1 credit)
^Physical Education III (0.5 credit)
Elective (0.5 - 1.0 credit)

Graduation with an Honors Diploma:

To graduate with an Honors Diploma, students must fulfill the following requirements:

- Must schedule and complete 7.0 credits during freshman and sophomore years, and 6.5 credits during junior and senior year, 27.0 credits total. Except for freshman year, 5.0 credits must be in honors courses.
- Maintain a cumulative GPA of 3.50 or above.
- Successfully complete the Independent Honors Capstone Project (SS 259).

COLLEGE PREPARATORY PROGRAM

Since a college education is the goal of most students entering De La Salle, the College Prep Program has the largest enrollment of the programs offered. This program provides students with the traditional college preparatory program. It is designed to prepare the student for entrance into college and for academic success in the college classroom. Students have an opportunity to pursue four years of studies in most subject areas.

The courses and sequences that follow are designed to provide the student with sufficient background for a college education. Following this recommended sequence will best assure acceptance into a four year college.

Matriculation of Studies - College Prep (25.0 credits)

Freshman Year (6.5 credits)

Theology I (0.5 credit)
English I (1 credit)
World Language I (1 credit)
Modern Algebra I (1 credit)
World History I (1 credit)
Physical Science (0.5 credit)
Physical Education I (0.5 credit)
STREAM Selection and/or
Fine Arts Requirement (1.0 credit)

Junior Year (6.0 credits)

Theology III (1 credit)
American Literature (1 credit)
U.S. History I (1 credit)
Algebra II/Trig or Adv Alg II (1 credit)
Chemistry (1 credit)
Consumer Education (0.5 credit)
^Physical Education III (0.5 credit)
Electives (0.5 - 1.0 credits):

^ PE III Requirement (0.5 credit) must be taken either Junior or Senior year.

Sophomore Year (6.5 credits)

Theology II (1 credit)
English II (1 credit)
World Language II (1 credit)
Modern Geometry (1 credit)
Modern Biology (1 credit)
Physical Education II (0.5 credit)
Electives (1.0 credit):

Senior Year (6.0 credits)

Theology IV (1 credit)
Senior Literature (1 credit)
U.S. History II (0.5 credit)
Civics Education (0.5 credit)
^Physical Education III (0.5 credit)
Pre-Calculus (1 credit)
Physics or Science Elective (1 credit)
Electives (0.5 - 1.0 credit):

LASALLE COLLEGE PREP PROGRAM

The LaSalle College Prep program of studies is designed to provide students with the opportunity to study college preparatory courses at a less rigorous pace. It is designed to prepare the student for entrance into college, junior college, professional school and/or the workplace.

Matriculation of Studies – LaSalle College Prep (25.0 credits)

Freshman Year (6.5 credits)

Theology I (0.5 credit)
English I (1 credit)
Composition & Literature (1 credit)
Algebra I (1 credit)
World History I (1 credit)

Physical Science (0.5 credit)
IDA-Intro to DLS Academics (0.5 credit)
Physical Education I (0.5 credit)
STREAM Selection and/or
Fine Arts Requirement (0.5 credit)

Sophomore Year (6.5 credits)

Theology II (1 credit)
 English II (1 credit)
 World Language I (1 credit)
 Geometry (1 credit)
 Biology (1 credit)
 Physical Education II (0.5 credit)
 Elective (1 credit)

Junior Year (6.0 credits)

Theology III (1 credit)
 American Literature (1 credit)
 World Language II (1 credit)
 U.S. History I (1 credit)
 Algebra II/Trig or Adv Alg II (1 credit)
 Environmental Science (1 credit)

Junior Year (con't)

Consumer Education (0.5 credit)
 ^Physical Education III (0.5 credit)
 Electives (0.5 - 1.0 credit)

^ PE III Requirement (0.5 credit) must be taken either Junior or Senior year.

Senior Year (6.0 credits)

Theology IV (1 credit)
 Senior Literature (1 credit)
 U.S. History II (0.5 credit)
 Civics Education (0.5 credit)
 ^Physical Education III (0.5 credit)
 Adv Math Concepts (1 credit)
 Physics or Science Elective (1 credit)
 Electives (1 credit)

Senior year electives in Math and Science are recommended for students planning on attending a college or junior college therefore needing to complete the ACT or SAT test.

REQUIREMENTS FOR ADMISSION TO STATE OF ILLINOIS UNIVERSITIES

The Illinois State Board of Education and Illinois state universities require the courses listed below for high school graduation and as minimum criteria for admission. While some schools make exceptions, the high school student interested in attending an Illinois state university should have courses in the following areas. Students who are college bound are advised to have these courses in their program of studies.

<u>Units</u>	<u>Subjects</u>
4	English (emphasizing written and oral communications and literature)
3	Social Sciences (emphasizing history and civics / government)
3	Mathematics (introductory through advanced algebra, geometry, trigonometry, or fundamentals of computer programming)
3	Science (Biology, laboratory sciences)
2	World Language, Music, or Art
1	Consumer Education

ABILITY LEVEL CODE

H	A PACC, A.P. or honors level course (A=5.0; B=4.0; C=2.75; D=1.0 quality points). Students taking these courses are expected to do work of superior quality. (Course Titles Listed with an * in this Curriculum Guide)
AA	An advanced level course (A=4.5; B=3.5; C=2.5; D=1.0 quality points). Students are expected to do above average work.
A	This course is regular college prep level (A=4.0; B=3.0; C=2.0; D=1.0 quality points). Students are expected to do the average work required of a high school student.
G	These courses have significant skills components in addition to specific subject matter specific to a college prep student.(A=4.0; B=3.0; C=2.0; D=1.0 quality points).



Illinois Seal of Biliteracy Program

De La Salle Institute is proud to join the Illinois **Seal of Biliteracy** Program; by doing this, we are able to recognize our students' achievements and proficiency in English and Spanish or French. Interested students must demonstrate proficiency in reading, writing, listening, and speaking. There are two options for this program: the Seal of Biliteracy and the State Commendation toward Biliteracy, and these are awarded at the end of a student's senior year. A seal is placed on the student's diploma and is noted on his or her high school transcript.

In order to earn the Seal of Biliteracy, students must meet one of the criteria for English:

- a minimum of a 21 for the ACT composite,
- an 18 on the English portion of the ACT,
- at least a 480 on the SAT English/Language section, or
- a final GPA of a 3.0 in a PACC English course.

In addition to the English criteria, a student must also meet one of the criteria for Spanish or French:

- a 4 or 5 on the College Board AP Spanish or AP French Exam or
- an I-5 on form B of the AAPPL (ACTFL's Assessment of Performance toward Proficiency in Languages) Exam.

The **Commendation toward Biliteracy** can be awarded to students who do not quite meet all of the requirements of the Seal of Biliteracy. Students must meet one of the criteria for English as listed above (the only difference being a final GPA of a 2.5 in a PACC English course) along with one of the criteria for Spanish or French:

- a 3 on the College Board AP Spanish or AP French Exam or
- an I-1 on form B of the AAPPL (ACTFL's Assessment of Performance toward Proficiency in Languages) Exam.

Illinois public colleges and universities award language credit for students who earn the Seal of Biliteracy (Some private colleges and universities may also award credit.). We hope this program encourages students to continue to study languages so that they will be able to communicate with others nationally and internationally.

DIVISION OF SOCIAL SCIENCES

Disciplines of Theology, Social Studies, and Business Education

Course #	Title	Year	Ab. Level
111	Theology I - Understanding Catholic Christianity (one sem)	9	G
113	Theology I - Understanding Catholic Christianity (one sem)	9	A
119	Honors Theology I* - Understanding Catholic Christianity (one semester)	9	H
121/122	Theology II – Understanding the Old Testament / Christ of the New Testament	10	G
123/124	Theology II – Understanding the Old Testament / Christ of the New Testament	10	A
128/129	Honors Theology II* – Understanding the Old Testament / Christ of the New Testament	10	H
133/134	Theology III - History of the Catholic Christian Tradition / World Religions	11	A
138/139	Honors Theology III* - History of the Catholic Christian Tradition / World Religions	11	H
143/144	Theology IV - Christian Lifestyles/Social Justice	12	A
146	Faith, Science, and Reason (one semester)	11,12	A
148/149	Honors Theology IV* - Christian Lifestyles/Social Justice	12	H
150	Peer Ministry	11,12	A
211	World History	9	G
213	World History	9	A
219	Honors World History*	9	H
223	World History II (one semester)	10-12	A
224	OL History of Chicago (one semester) ONLINE	10-12	A
225	History of Chicago (one semester)	10-12	A
226	Model United Nations (one semester)	10-12	A
227	Introduction to Psychology (one semester)	11,12	A
232	OL Intro to Educational Theory* (one semester) ONLINE	11,12	H
233	U.S. History I	11	A
235	Ancient Civilizations & Cultures* (one semester)	11,12	H
236	OL History of the Middle East (one semester) ONLINE	11,12	A
237	AP Psychology*	11,12	H
238	Honors United States History*	11	H
239	AP United States History*	11	H
242	Civics (one semester)	12	A
243	U.S. History II (one semester)	12	A
244	History Through Film (one semester)	12	A
245	OL Philosophy (one semester) ONLINE	11,12	A
246	Hist/Lit of the Civil Rights Era (one semester)	12	A
247	America's Civil War* (one semester)	11,12	H
248	Honors American Politics*	12	H
249	AP Government & Politics*	12	H
259	H. Independent Capstone Project*	11-12	H
277	IL/US Constitution Exam (taken with 242, 249)	11,12	A
924	Business Management (one semester)	10-12	A
930	Consumer Education (one semester)	11	A
933	Business Finance (one semester)	10-12	A
934	Sports Management (one semester)	11,12	A
935	Basic Accounting	11,12	A
938	Intro to Law & Legal Theory* (one semester)	11,12	H
939	OL Moot Court* (one semester) ONLINE	11,12	H
949	College Accounting*	12	H

Christian Service Learning Experience:

Jesus perfectly modeled humility in service and showed us that we each have a responsibility to be positive contributing members of society. The Christian Service Learning Experience at De La Salle asks students to be engaged in the community by volunteering for non-profit organizations that serve people in need. Under the direction of the Theology teacher, each student will complete 10 hours of service per semester and write a reflection paper which will describe the personal growth gained. Christian Service will be a factor in determining the quarter Religion course grade.

A directory of service sites and guidelines is available in the Campus Ministry Office.

111-113 Theology I - Understanding Catholic Christianity

De La Salle men and women come from a diversity of ethnic and religious backgrounds. This one semester freshman course serves as a comprehensive overview and introduction of Catholicism. This course will serve as a foundation for other theology classes and the faith-formation experiences they will experience at De La Salle, as well as prepare our students to live as responsible members of the Catholic Church. The life of St. John Baptist de La Salle and his emphasis on education, faith, service, and community will also be a focal point of this course.

119 Honors Theology I* - Understanding Catholic Christianity

In addition to the content listed for 113 Theology I, the Honors Theology I course requires additional research reflecting Lasallian faith formation and development.

121-123 Theology II – Understanding the Old Testament

This one semester course presents the Hebrew Scriptures from the Catholic Perspective, that is, recognizing the Old Testament Scripture as an account of God's presence to His people. The biblical concept that all are heirs to the promise made to Abraham is central to this course. Students will study the mechanics of the Bible and learn how to use a concordance. Students will also learn the relationship of the Jewish and Protestant canons to the Apocrypha.

122-124 Theology II - Jesus of History: Christ of the New Testament

The times and places of Jesus of Nazareth will be studied. Secondly, Jesus the Christ (Savior) will be studied according to the writings of the earliest faith communities as found in the New Testament. Through study and reflection Jesus is to become known as a historical figure and the center and focus of our Christian faith life. Students will also become familiar with the use of scripture in the Catholic liturgy.

128 Honors Theology II* – Understanding the Old Testament

In addition to the content listed for 123 Theology II, the Honors Theology II course requires additional research comparing Old Testament figures to those of contemporary times.

129 Honors Theology II* - Jesus of History: Christ of the New Testament

In addition to the content listed for 124 Theology II, the Honors Theology II course requires additional research comparing New Testament figures to those of contemporary times.

133 Theology III - History of the Catholic Christian Tradition

Beginning with Jesus, His values and teachings, this course explores six basic models of the church, periods in the church's history, key persons and events, and invites students to reflect on belonging to the church, and how each image of church is reflected in their lives. Highlighted throughout are the documents of the Second Vatican Council.

134 Theology III - World Religions

In the second semester, students will examine the key elements of religion- worship, truth, and community -so that they may more easily recognize them in the great religions. The following world religions will be studied in this course, not to compare or judge them, but to enhance our own spiritual lives: Hinduism, Buddhism, Confucianism, Taoism, Shintoism, Zoroastrianism, Islam. Also, a part of the course will deal with cults and Bahais.

138-139 Honors Theology III* - History of the Catholic Christian Tradition & World Religions

The sacramental nature of Jesus, His Church, and each Christian is presented. The presentation includes the seven sacraments of the Catholic Church as being rooted in the values and actions of Jesus, and their historical development in the Catholic Church. The seven sacraments are presented as signs and symbols that put the believing Christian community in contact with the Risen Christ.

In the second semester of the Junior year, students will be examining the key elements of religion - worship, truth, and community - so that they may more easily recognize them in the great religions. The following world religions will be studied in this course, not to compare or judge them, but to enhance our own spiritual lives: Hinduism, Buddhism, Confucianism, Taoism, Shintoism, Zoroastrianism, Islam. Also discussed will be cults and Bahais.

143 Theology IV - Christian Lifestyles

The Christian Vocation is a call "to act justly, love tenderly, and walk humbly with our God." This course will provide the opportunity for students to examine this "call" through four lifestyle paths: single life, marriage, religious life, and the ordained ministry.

As the students consider these lifestyle paths, as well as specific development tasks of young adulthood, they will examine the following lifestyle issues and choices in the light of the Gospels and the Christian tradition: identity and autonomy, love, communication, sexuality, lifelong learning, work, money and possessions, leisure and justice.

144 Theology IV - Christian Social Justice

The Christian vocation is a call to transform oneself and society with God's help. This course explores God's call to conversion: of self, and a transformation of society. It takes the Christian scriptures to the marketplace. Students study the elements of a just society as understood by Christianity. Secondly, they also are encouraged to experience and reflect on the "doing" of the works of Mercy and/or the work of Social Action.

146 Faith, Science, and Reason

This elective course explores the historically tenuous relationship between religion and science by considering controversial questions such as: Has science made religion obsolete? Can we prove that God does not exist? Are faith and science compatible? Students will read contemporary authors who pose challenges to faith and their religious respondents, including a Catholic, Lasallian worldview that emphasizes God's presence in all things. The goal of the course is to instill students with the task of bringing compassion and critical thinking into a greater public discussion. This course does not take the place of the required Theology IV classes.

148-149 Honors Theology IV* - Christian Lifestyles & Christian Social Justice

This course will attempt to familiarize the student with the task of finding a place for the Christian vocation in the secular world. The student will understand and have some methods for coping with the opportunities, challenges, and developmental tasks facing him in young adulthood. The four lifestyle paths - single life, married life, religious life, and the ordained ministry - will be studied in depth; to not only come to an understanding of the theory behind each one, but also to see them lived out in practical terms.

The underlying question will always be, "What does the Gospel message say to us today?" To accomplish these goals, the course has the following objective: to provide insights from Christian traditional, social sciences and literature about the eleven major development tasks of young adulthood and each of the four lifestyle paths.

Students will be expected to cover the course in the textbook independently. A test will be given for each chapter. Essays, quizzes and homework will reflect the material handed out in the class, with class participation being integral to the student's grade. A paper is assigned, as is a service project which is to be completed outside of school time. This senior course will also cover the major problems affecting our world cultures and geography, with problem-solving emphasis upon Christian values. The first part of the course will introduce the need for justice by illustrating the "smallness" of our world and the commonality of cultures. The role of the Church will be examined and evaluated in light of the scriptural call to be a witness for justice and to serve Yahweh.

The second part of the course will be specific to individual social problems: poverty, hunger, sexism, racial

148-149 Honors Theology IV* - Christian Lifestyles & Christian Social Justice (con't)

prejudice, and ecology. Historical and economical factors will be looked as to determine the roots of our problems. Tests, quizzes, short assignments, and a paper will determine grades, with a service integral to the course as a whole.

150 Peer Ministry

The purpose of this service course is to prepare the student Peer Minister to assist the Campus Minister with a variety of Faith-based programs throughout the school year - including, but not limited to: Friday Prayer Services, school liturgies, student retreats, and various giving drives and service opportunities. Peer Ministers do not have to be Catholic, but they should be serious about *exploring their faith* and believe strongly in the Lasallian ideals of Faith, Community, Service, and Social Justice. They should be mature, responsible, and natural role models for their peers who can commit to weekly responsibilities throughout the year.

Peer Ministry applicants must be a 2nd semester sophomore or junior at the time of the application (Spring) and are chosen to serve for the next full academic year, with some responsibilities starting immediately. Because of the commitment required, this co-curricular leadership club is listed as part of the student's schedule as a 0.5 service credit, and is indicated as *Pass/Fail* on his/her transcript.

211-213 Survey of World History

This is a history of the entire world. Although European History predominates, increasing attention is paid to the Non-European aspects of World History. The major Asian nations, India, China and Japan are presented from earliest times. The problems facing Africa and Asia today are fully discussed. The content will give a general understanding of where man has been. This is a lesson in itself. All Freshmen are required to take this course.

219 Honors World History*

This course is geared to honors ability freshmen. Students will see the study of history to be a process. Critical and creative thinking will be fostered and encouraged. Class discussion, problem solving and test taking are requisite skills for this class. Students will be expected to do a quarterly project (ie. papers, power point) involving comparative thinking, analysis and research.

223 World History II

This one semester course will continue where the freshman world history survey course left off, around the Age of Exploration. Students will explore modern world history by analyzing key concepts and themes related to: the rise and fall of monarchs, the development of a nation-state and its people, political and economic ideologies and revolutions, global relations and conflicts, and an understanding of how these events contribute to the social, political, and economic trends of our modern world.

225 History of Chicago

224 OL History of Chicago ONLINE

Students in this one semester course will be introduced to basic historical background on the founding and development of the city of Chicago. Political, social and economic aspects of the city will be covered throughout the semester. A survey of ethnic neighborhoods will also be covered along with current issues of the metropolitan area. Field trips may be included as part of this class.

226 Model United Nations

This one semester course is designed to acquaint students with the operations of the United Nations through the study of political positions of member nations. Additionally, students should achieve a level of understanding in the use of simulation activities as a means for teaching and learning about the political perspectives of different nationalities on contemporary world issues and geopolitical situations. The United Nations will be covered in detail. Students will be afforded the opportunity to simulate UN functions and debate major issues of the United Nations.

227 Introduction to Psychology

This one semester course offers an introduction to the scientific study of human behavior and psychological processes. The course surveys theory and research in the areas of human development, motivation, intelligence, personality, learning interpersonal relations, social influence, organizational behavior and other aspects of human behavior. The course allows students to explore the relevance of psychology to their personal lives and enhance their ability to apply such knowledge to the analysis of problems of human interaction and behavior.

232 OL Introduction to Educational Theory* ONLINE

Have you ever wanted to be a teacher and work with young people? Education is a process everyone goes through, but not everybody studies. In this one semester ONLINE course, students will have the opportunity to develop their knowledge of education. A blending of online class modules and classroom practicum experience, students will have the opportunity to explore the history, philosophy and practice of education while gaining hands on experience in the classroom of a discipline they may be interested in teaching in the future. Through a blending of the theoretical and practical, students will develop a deeper understanding of contemporary issues in education.

233 United States History I: *Origins to the 20th Century*

This course, required of all Juniors, covers the history of our country from the earliest migrations from Asia to the beginnings of the Progressive Era. Orientation is towards an understanding of the goals and ideals of the United States, with secondary emphasis on historical facts. The major emphasis is on the causes and effects of the important events in American history: the growth of Democracy, the ideas of American Statesmen, and the growth of the nation as a World Power. Highlights of this course include the Age of Federalism, Jacksonian Democracy, the Civil War, Populism and the beginnings of the Progressive Era leading up to World War I.

235 Ancient Civilizations & Cultures*

This is a one semester course open to Juniors and Seniors who wish to gain a better understanding of the world around them. The course is an intense study of the culture, politics, and geography of ancient civilizations. Ancient India, Persia, China, Egypt, Rome, and Greece will be explored. Included will be topography, natural resources, population studies and cultural growth and achievements. Emphasis will be placed on the cultural aspects of the nations studied. A study of the arts, music, literature and cuisine of each of the nations may be covered as well.

236 OL History of the Middle East ONLINE

This is a one semester course focuses on the history of the Middle East from the break-up of the Ottoman Empire following World War I to the present. The course will cover the colonization/decolonization of the area and the impact these experiences have had on the history of the respective nations and modern conflicts such as the rise of extremism, Israeli/Palestinian issues, and the experience of religious minorities in the Middle East.

237 AP Psychology* (Advanced Placement)

As noted by the College Board and the National Merit Scholarship Corporation, this full year course introduces students to the systematic and scientific study of human behavior and mental processes. While considering the psychologists and studies that have shaped the field, students explore and apply psychological theories, key concepts, and phenomena associated with such topics as the biological bases of behavior, sensation and perception, learning and cognition, motivation, developmental psychology, testing and individual differences, treatment of abnormal behavior, and social psychology. Throughout the course, students employ psychological research methods, including ethical considerations, as they use the scientific method, analyze bias, evaluate claims and evidence, and effectively communicate ideas. At the end of the course, students are required to sit for the AP Psychology Exam.

238 Honors United States History*

This full year junior honors course will explore the progression of American history from the pre-Columbian era to the present day. As a rigorous, writing-intensive course, special emphasis will be placed on further developing a student's historical thinking and analytical skills. The key concepts and themes of United States history will serve as an overarching framework for student research and argumentation. Analysis of various perspectives and the range of choices made by historical figures will compel students

238 Honors United States History* (con't)

to build enduring understandings of the historical material and create a foundational approach towards college readiness. Mandatory Requirement: Enrolled students must complete a summer assignment prior to beginning the honors course.

239 AP United States History* (Advanced Placement)

This is a full year junior course open to any student ready and willing to meet the expectations and challenges of an Advanced Placement course in United States history. The course is strictly aligned to the College Board AP U.S. History curriculum framework and is designed to reflect a two-semester college level introductory course in American history. The course will explore an in-depth study of the years 1491 to the present all while placing special emphasis on the key concepts and themes of American history. In order to better prepare students to further develop their historical thinking and analytical skills, independent and interpersonal assessments will be used to engage students to create nuanced historical arguments through both discussion and writing. Test preparation will be a major component of this course. Enrolled students must complete a summer assignment prior to beginning the AP course and must take the AP exam in May.

242 Civics

This course, required of all seniors, is the study of citizenship and government. This one-semester course provides students with a basic understanding of civic life, politics, and government, and a short history of government's foundation and development in this country. **A section of this course will be dedicated to the Constitution and American politics, including the Constitution Exam. (All students must take and pass this course (or SS249) as a state and graduation requirement.)**

243 United States History II: *Progressives to the 21st Century*

This one semester course is required of all Seniors and picks up where **U.S. History I** left off. Following the emphasis of historical facts, this course will include such eras as World War I, the Depression, World War II, the Korean War, Viet Nam, Watergate and politics up to the present day.

244 History Through Film

This one semester course offers will be broken up into sections of 2 1/2 to 3 weeks. Each section will start with the viewing of a film. Several activities will follow in order to analyze the film. Primary and secondary source material will also be analyzed. This process will culminate with an essay being written about each film and/or event that is covered.

245 OL Philosophy ONLINE

Philosophy is the "love of wisdom" and teaches one *how* to think, not *what* to think. This one semester course is designed to help students think for themselves and better equip them to deal with the world through sharp, creative, and careful thinking. Students will be able to recognize good logic from bad, argue persuasively and think more clearly so as to be better equipped for college, work, politics and life. Students will learn about the major branches of philosophy and learn about many of the major philosophers thematically and in dialogue with each other.

246 History & Literature of the Civil Rights Era

This one semester course will provide two different perspectives on one of the most important eras in American History, the Civil Rights era of the 1950s to the present (an era that many history courses never get to). We will explore the historical context of the literature by reading numerous fictional and nonfictional texts that investigate the personal stories of people living through the era, as well as the political landscape, and how the personal and political interact.

247 America's Civil War*

This one semester honors level elective offers the student the opportunity to examine in depth the American Civil War beginning with its causes, moving through the war and culminating with the reconstruction period. As a result, students will be familiar with the broad issues that shaped the war as well as the detailed experiences that defined it.

248 Honors American Politics*

This full year course is equivalent to an introductory college-level American Government course. In Honors American Politics, students will engage in an in-depth study of the make-up and functions of the United States Government and the American political system. Various instructional methods, including traditional instruction, research, analysis and interpretation of graphs and data, group and individual problem solving and writing activities, will be employed. This course includes both the study of general concepts used to interpret U.S. government and politics and the analysis of specific examples. It also requires familiarity with the various institutions, groups, beliefs, and ideas that constitute U.S. government and politics.

249 AP Government & Politics* (Advanced Placement)

This course AP U.S. Government and Politics provides a college-level introduction to key political concepts, ideas, institutions, policies, interactions, roles, and behaviors that characterize the constitutional system and political culture of the United States. Students will study U.S. foundational documents, Supreme Court decisions, and other texts and visuals to gain an understanding of the relationships and interactions among political institutions, processes, and behavior. They will also engage in disciplinary practices that require them to read and interpret data, make comparisons and applications, and develop evidence-based arguments. In addition, they will complete a political science research or applied civics project. The goal of the course will be twofold: first, to provide students with a working knowledge of American government and past/present politics that will serve them later in life; and secondly, to prepare students to take the United States Government and Politics Advanced Placement exam. Students enrolled in the course are required to take the AP exam. **A section of this course will be dedicated to the Constitution, including the Constitution Exam. This course fulfills the state Civics education requirement.**

258 / 259 Honors Independent Capstone Prep & Project*

The Disciplined Inquiry: Independent Capstone Project component of the Honors Program is guided by the principle that inquiry produces knowledge. Its intent is to enable students to produce authentic intellectual work through knowledge construction guided by disciplined inquiry to produce discourses that have value beyond school. Students have the opportunity to apply knowledge and skills to reach adequate solutions to questions they pose themselves by organizing, interpreting, evaluating, and synthesizing information. Students support their findings in acquiring information, concepts, and principles from an academic discipline and communicate effectively to others their findings. These intellectual skills are necessary for college-level research and essential for success in our increasingly complex society.

Students in their junior and senior years research, develop, and write a disciplined inquiry investigation. Students work with a teacher-advisor to develop the research. Upon completion of writing the project, it is submitted to the committee for review and defense. The defense consists of the student presenting a review of literature and the research findings in either a Power Point presentation or a web page presentation. The teacher-advisor, the Honors Program Director, and an academic administrator will ask the student pertinent questions about the research to further allow the student to demonstrate mastery of the research investigation. Upon successful completion of the project, the student earns a pass/fail grade worth a half credit, which appears on the transcript during senior year.

924 Business Management

A one semester course open to Sophomores, Juniors and Seniors. This course is a study of the economy, owning and operating a business, groups affecting business, marketing to the consumer, and the human resource advantage. It provides the student with a general knowledge of the many facets of business enterprise. The course presents a broad overview of owning and operating a business in a global economy.

930 Consumer Education

This one semester course required of all juniors is intended to introduce students to the functions of our economic system with an emphasis on financial planning and budgeting, banking, credit, housing, investments, and taxes. At the conclusion of this course, students will have the knowledge that allows them to be active and informed members of our economy. **(All students must take and pass this course as a state and graduation requirement.)**

933 Business Finance

A one semester course open to Sophomores, Juniors and Seniors. Business Finance covers four (4) major areas with the premise being that our students have just finished their educational pursuits and are now entering the working world. The class will cover Money Management, Credit Management, Housing Management, and Risk Management. There will be a focus on addressing topics within those four major areas that students must be familiar with, and prepared for, when they complete their education.

934 Sports Management

This is a one semester course for Juniors and Seniors. The purpose of the class is to study the business of sports including marketing strategies, management aspects, and finance principles. The class will use and discuss trends and examples throughout the history of professional athletics, as well as current contracts, negotiation techniques, and market planning.

935 Basic Accounting

A full year course open to Juniors and Seniors that will acquaint the student with the general principles of Accounting. Students will learn to apply these principles to a variety of business transactions and prepare the financial reports for sole proprietorships, partnerships and corporations. This course is valuable preparation for students who plan to study accounting and/or business administration in college as well as those who might pursue entry level positions after graduation from high school.

938 Intro to Law & Legal Theory*

A one-semester course open to Juniors and Seniors designed to introduce and enhance student understanding of a number of legal principles including: the role law plays among individuals, culture, and society; courtroom procedure and the legal system; legal methodology; trial techniques and procedures; application of the rules of evidence. Students have the opportunity to learn, master, and apply the highest levels of argument, authentic research, reasoning and intellectual persuasion.

939 OL Moot Court* ONLINE

This one-semester online course for upperclassmen is a legal simulation of an appeal to the Supreme Court. Students will represent one side of a case being brought to an appellate court. After researching the rights of an Amendment from the case, students will use authentic research to support their argument protecting or challenging the rights of the Amendment. After completing their research and preparing their case, students will present their case in front of a simulated Supreme Court and receive a ruling. This course will enhance student application of legal knowledge, intellect, and legal theory.

949 College Accounting*

This is a two semester course taught at a college level of comprehension. This course presents the principles of accounting as applied to all forms of business. Other topics of discussion will include cost accounting, management accounting, stocks, bonds, and taxation. Every student will be required to complete a set of accounting papers which will cover the entire accounting process.

* * * * *

DIVISION OF LANGUAGE ARTS

Disciplines of English, World Language, and Fine Arts

Course #	Title	Year	Ab. Level
311	Composition & Literature	9	G
312	English I	9	G
313	English I	9	A
319	Honors English I*	9	H
320	ESL English	9-12	A
321	English II	10	G
323	English II	10	A
324	OL Creative Writing (one semester) ONLINE	10-12	A
325	Creative Writing (one semester)	10-12	A
329	Honors English II*	10	H
333	American Literature	11	A
334	Advanced Creative Writing (one semester)	11,12	A
335	Journalism	11,12	H
337	Mythology* (one semester)	11,12	H
339	Honors American Literature*	11	H
342	African-American Literature (one semester)	12	A
343	World Literature (one semester)	12	A
344	Latino-American Literature (one semester)	12	A
345	Contemporary Authors (one semester)	12	A
346	Gender Lit Studies (one semester)	12	A
347	Young Adult Literature (one semester)	12	A
348	Honors English IV*	12	H
349	AP Literature & Composition*	12	H
413	Spanish I	9-11	A
414	French I	9-11	A
415	Spanish I for Native Speakers (Honors* 416)	9-11	A(H)
418	Honors French I*	9-11	H
419	Honors Spanish I*	9-11	H
423	Spanish II	10-12	A
424	French II	10-12	A
425	Spanish II for Native Speakers (Honors* 426)	10-12	A(H)
428	Honors French II*	10-12	H
429	Honors Spanish II*	10-12	H
433	Spanish III	11,12	A
434	French III	11,12	A
435	Spanish III for Native Speakers (Honors* 436)	11,12	A(H)
438	Honors French III*	11,12	H
439	Honors Spanish III*	11,12	H
443	Spanish IV	12	A
446	Honors French IV*	12	H
447	Honors Spanish IV*	12	H
448	AP French Language & Culture*	12	H
449	AP Spanish Language & Culture*	12	H
705	IDA-Intro to De La Salle Academics (one semester)	9	A
710	Chorus I	9-12	A
712	Theatre I (one semester)	9-12	A
713	Public Speaking (one semester)	9,10	A
714	Fundamentals of Art (one semester)	9-12	A
715	Fundamentals of Band	9-12	A
716	Fundamentals of Orchestra	9-12	A

718	Fundamentals of Percussion	9-12	A
723	Digital Photography (one semester)	10-12	A
724	Painting (one semester)	10-12	A
725	3D Sculpture (one semester)	10-12	A
726	Animation (one semester)	10-12	A
727	Illustration (one semester)	10-12	A
729	Humanities* (one semester)	10-12	H
730	Advanced Chorus	10-12	A
732	Advanced Theatre* (one semester)	10-12	H
733	Music Theory & Composition (one semester)	10-12	A
734	History of Popular Music (one semester)	10-12	A
735	Concert Band (Honors* 736)	9-12	A(H)
737	Film Studies (one semester)	11,12	A
749	AP Art & Design*	11,12	H

311 Composition & Literature

This is a full year course for freshmen in the LaSalle College Prep Program. The focus of this course is improvement of reading and writing ability through vocabulary development, comprehension strategies, and textual analysis. Students should ultimately experience the act of reading as a pleasurable and informative whole thought and writing as a descriptive and creative function.

312 English I

This is a full year freshmen course offered to La Salle College Prep freshmen. The course provides a study of grammar, vocabulary, oral communication, critical thinking, writing, library skills, and an introduction to various forms of literature.

313 English I

This is a full year course for freshmen in the College Prep Program. The course provides a study of grammar, vocabulary, oral communication, critical thinking, writing, library skills, and an introduction to various forms of literature at an accelerated pace. Students at this level are acquainted with the research skills necessary to acquire information from a variety of sources.

319 Honors English I*

This is a full year course for freshmen in the Honors Program who meet the placement criteria of the Language Arts Division. The main emphasis will be on the appreciation and enjoyment of literature and grammar. The students will be introduced to various forms of literature. Short stories, novels, poetry, essays, autobiographies, and the narratives will be introduced. The study of grammar and its relationship to the written work will be encouraged. Students will be introduced to four methods of paragraph development: narration, description, exposition, and persuasion. Oral and library skills will encourage students to research and present the material to the class in both written and verbal forms. The formal study of vocabulary and speech will also be introduced. Summer reading selections will be assigned.

320 ESL English

This course will serve as an interdisciplinary approach to teach all English learning needs to English language learning (ELL) students of all levels. The emphasis will be on teaching English skills in the four domains of reading, writing, speaking, and listening using skill-building ELL texts and multi-cultural texts as well as materials from each academic discipline. This course extends beyond language skills to incorporate critical thinking and practices necessary to learn in English at De La Salle and beyond.

321-323 English II

As a continuation of freshmen year, this is a full-year course offered to sophomore students. Students will study, in-depth, grammar, vocabulary, speech, writing, and literature. Students will study various literary forms, including but not limited to, short-stories, novels, plays, poetry, and various levels of nonfiction mediums paying specific attention to the influences of race, class, and gender on society. The course will focus on critical reading and close textual analysis of various works. Lastly, the course will continue to increase in complexity in conjunction with English Language Arts standard test preparation.

325 Creative Writing

324 OL Creative Writing ONLINE

This semester long elective course is open to students with a passion for writing and self expression. This course is designed as a workshop, so students must be prepared and willing to share their work and critique the work of their peers. Students will learn writing techniques for poetry, short fiction, non-fiction, and drama. Students should have a firm grasp of grammar, spelling, and vocabulary.

329 Honors English II*

As a continuation of freshmen year, this is a full-year course offered to sophomore students. Students will study, in-depth, grammar, vocabulary, speech, writing, and literature. Students will study various literary forms, including but not limited to, short-stories, novels, plays, poetry, and various levels of nonfiction mediums paying specific attention to the influences of race, class, and gender on society. The course will focus on critical reading and close textual analysis of various works. Lastly, the course will continue to increase in complexity in conjunction with English Language Arts standard test preparation.

333 American Literature

This is a full-year course for juniors of college prep ability. Students will study the major authors of American literature in the genres of the novel, short story, poetry, drama, and non-fiction. Public speaking skills will continue to be developed. Special attention will be given to prepare for standardized tests. Students will also continue to work on composition and research skills.

334 Advanced Creative Writing

This semester long elective course is offered to students who have completed Creative Writing and wish to continue their development as serious writers. Focus on longer and more collaborative work would be stressed, including a class publication. A variety of writing styles and genres would be studied with a serious and intricate focus on editing and re-writing. The advanced writer will explore literature with its variety of tones, moods, and themes. Pre-requisite: LA 325. This course DOES NOT count toward 1.0 senior English credit.

335 Journalism*

Students in this full year elective course will learn software programs PageMaker 6.5 and Adobe Photoshop to aid in their design of professional publications like the school yearbook. Students will also learn basic journalistic principles and apply those principles toward reporting, writing, and editing copy appropriate for student publications. Students will acquire basic photography skills and will learn to design professional pages that effectively coordinate photographs, computer images, and written copy. This course may be repeated. **Before school and after school work is expected. Enrollment is limited and with instructor's approval.** This course DOES NOT count toward 1.0 senior English credit.

337 Mythology*

This is a one-semester honors class and will cover classical, mythological Norse, Greek, and Roman traditions. Students will study the role of myths in society particularly in terms of their relationship to art and literature. Essential questions will be explored (i.e. What is a deity? What makes a hero? How does the past affect the present and future?). During the semester, students will be able to make connections between common, classical traditions and contemporary American society through their reading, critical and analytical thinking, summative, and reflective writing. Students must have a 3.5 GPA or higher in their prior English classes.

339 Honors American Literature* (PACC)

This course is for honors-level juniors and is designed to familiarize students with the major authors of American literature through an in-depth examination of novels, short stories, poetry, drama and non-fiction. The course aims to develop the student as a competent writer who can express ideas in a logical, concise, and clear manner on paper as well as through public speaking. The course will prepare the student directly for standardized tests. Students will continue to work on composition and research skills.

342 African-American Literature

This one semester, senior, college prep course will focus on literature specifically by and about African-Americans and the African-American experience throughout history. Literature, history, and politics will form the basis of everything the course covers, thus including authors from Frederick Douglas to James Baldwin to Toni Morrison and beyond. The course will function as a literary seminar course focusing on class discussion, persuasive paper writing, and components of comparative literature. This course counts toward 1.0 senior English credit.

343 World Literature

This is a semester course offered to seniors of college prep ability. The course will examine a variety of authors of world literature. Students will read and evaluate representative works in the areas of the novel, short story, poetry, drama, and non-fiction. In addition, the course will develop the student's use of clear and appropriate English prose in coursework in preparation for the college level. Students will also be responsible for generating oral presentation and discussions that best prepare them for discourse within the context of the college classroom. This course counts toward 1.0 senior English credit.

344 Latino-American Literature

This one semester, senior, college prep course will focus on literature specifically by and about Latino-Americans and the Latino-American experience in the United States. Literature, history, and culture will form the basis of everything the course covers, including authors such as Sandra Cisneros, Rudolfo Anaya, Isabel Allende, Julia Alvarez, Cristina Garcia, and Junot Diaz. The course will function as a literary seminar course focusing on class discussion, persuasive paper writing, and components of comparative literature. This course counts toward 1.0 senior English credit.

345 Contemporary Authors

This is a semester course offered to college prep seniors. Using authors of modern time, students will examine the major elements of literature, including drama, poetry, non-fiction and short stories. Special emphasis will be placed on the continued development of reading, writing and public speaking skills. Students will also be responsible for generating oral presentation and discussions that best prepare them for discourse within the context of the college classroom. This course counts toward 1.0 senior English credit.

346 Gender Lit Studies

This one-semester, senior, college prep course will explore the meaning of gender in society today through topics including but not limited to history, politics, arts, sports, and religion. Gender issues will be highlighted through fiction, non-fiction, memoirs, poetry, and novels. Writing will be a large portion of the course and will be assessed through journaling, response papers, and a research-based paper. Gender issues will be explored and highlighted in the various areas of the world, both past and present. This course counts toward 1.0 senior English credit.

347 Young Adult Literature

This is a semester course offered to college prep seniors. The course provides an introduction to works written specifically for young adults. Students will read and become aware of a range of literary styles and voices through exposure to the novel, short story, essay, and poetry and will become aware of and address issues of diversity in texts including gender, race, sexuality, and disability. This course will demand a high level of student involvement specifically to develop literary skills including reading fluency and written and oral communication. Students will write with personal expression and logical, coherent organization. Besides generating assignments, producing original essays, and reading a variety of texts, students will also be responsible for generating material for discussions and presentations that best prepare them for discourse within the context of the college classroom. This course counts toward 1.0 senior English credit.

348 Honors English IV* (PACC)

Honors English IV is a college level English course which is expressly designed to enable the student to easily make the transition from high school English to college English. The course will include an in-depth study of the literary forms of the short story, novel, poetry, and drama. Emphasis will be placed on analysis and interpretation of literary works. Students will be expected to actively participate in daily classroom

discussions. Mastery of the writing process is required to successfully engage the extensive writing projects of the course. Summer reading selections may be assigned, which may be accompanied by writing/research project work. This course fulfills 1.0 senior English credit.

349 AP Literature & Composition* (Advanced Placement)

This is a college level English course focusing on reading, analyzing, and writing about imaginative literature (fiction, poetry, drama) from various periods. Students engage in close reading and critical analysis of imaginative literature to deepen their understanding of the ways writers use language to provide both meaning and pleasure. As they read, students consider a work's structure, style, and themes, as well as its use of figurative language, imagery, and symbolism. Writing assignments include expository, analytical, and argumentative essays that require students to analyze and interpret literary works. Summer reading selections may be assigned. Students enrolled in the course are required to take the AP exam. This course fulfills 1.0 senior English credit.

413 Spanish I

Spanish I classes are designed to provide the fundamentals of Spanish grammar. The student will learn a basic vocabulary that will enable him/her to communicate verbally and in writing. Hispanic culture will also be introduced in the lessons.

415 Spanish for Native Speakers I

416 Honors Spanish for Native Speakers I* – For Honors students. Yields Honors credit.

This course is designed for students who speak Spanish at home. It is conducted in Spanish. Emphasis will be given to the correct usage of Spanish grammar and writing skills. Extensive writing assignments will be given. The students will be guided to uses of higher forms of linguistic expression and advanced idioms. The study of literature and the culture are also stressed. Upon completion, students will be placed in the next suitable level based on instructor's recommendation. Placement in this course is made by review and approval of the Division Dean.

419 Honors Spanish I*

Honors Spanish I will lay the foundation for a four-year program that will enable the student to be well prepared for college work in foreign language. The fundamentals of Spanish grammar and vocabulary will be introduced and mastered. Emphasis will be placed on each of the four skills involved in language learning: speaking, reading, writing, and listening. These skills will allow the student to communicate effectively. Because of the advanced level of the class, the student will be expected to create original dialogues and conversational settings, write a variety of papers in both Spanish and English, and do a number of projects that will enhance their knowledge of the language and culture of the people who speak it. Students will experience the language as a living reality.

423 Spanish II

Spanish II classes are designed to continue the grammar and vocabulary work initiated in Spanish I. The grammar and vocabulary learned will be utilized in intensive oral sessions. The students will be expected to write basic compositions. Spanish literature will be introduced in the classes.

425 Spanish for Native Speakers II

426 Honors Spanish for Native Speakers II* – For Honors students. Yields Honors credit.

This course is for those students who have taken LA 415-Native Speakers. It is a continuation of the correct usage of Spanish grammar and writing skills. The study of literature and culture will continue to be implemented as well as usage of higher forms of linguistic expression and advanced idioms. More written essay work will be included. Upon completion of this course, students will be placed in the next suitable level of Spanish language for the following year by the instructor. Pre-requisite: LA 415 or Dean approval.

429 Honors Spanish II*

This is a full year accelerated course offered to second year language students of honors level ability. Honors Spanish II is designed to continue the grammar and vocabulary work initiated in Honors Spanish I. Students will learn synonyms, antonyms, definitions. They will write basic compositions and participate in oral practices and oral presentations in the target language. Lessons will continue the study of Spanish and Hispanic culture. Students will do quarterly papers and outside projects.

433 Spanish III

Spanish III classes are designed to provide the student with the principals of advanced Spanish grammar and literature. The student will be expected to participate actively in daily conversations. The students will be expected to write short conversations based on Spanish literature and do weekly compositions and oral presentations.

435 Spanish for Native Speakers III

436 Hon Spanish for Native Speakers III* – For Honors students. Yields Honors credit.

This full year course stresses oral contact with Spanish that will include presentations, debates, and group discussions. Readings and discussions in Spanish of a variety of texts by leading Hispanic and Hispanic-American writers will be used to emphasize reading, discussions, and enjoyment. Emphasis on culture from the different Spanish-speaking countries of the world will also be part of the curriculum. Students will utilize different techniques learned to write in the Spanish language. Pre-requisite: LA 425 or Division Dean approval.

439 Honors Spanish III*

This course will focus on the communicative aspect of learning a language. Students will be expected to prepare weekly conversations, dialogues, speeches, etc. in the target language. Current events, school-related activities, and common social situations will be some of the topics discussed. The students will enhance their knowledge of special idioms and cultural points.

443 Spanish IV

Emphasis of this fourth year course will be placed on: 1) oral proficiency through discussions of contemporary events and Spanish culture, 2) an introduction to Hispanic literature, and 3) reinforcement of writing and grammar skills through essays and other written projects.

447 Honors Spanish IV*

This course is a year-long course which emphasizes the development of advanced reading, writing, listening and speaking skills. The course will review and expand the concepts learned in levels 1-3. Students will be required to use more sophisticated vocabulary and more complex grammatical structures. Special emphasis will be placed on the history, culture and literature in Spanish.

449 AP Spanish Language & Culture* (Advanced Placement)

This course emphasizes communication (understanding and being understood by others) by applying interpersonal, interpretive, and presentational skills in real-life situations. This includes vocabulary usage, language control, communication strategies, and cultural awareness. The AP Spanish Language and Culture course strives not to overemphasize grammatical accuracy at the expense of communication. To best facilitate the study of language and culture, the course is taught almost exclusively in Spanish. The AP Spanish Language and Culture course engages students in an exploration of culture in both contemporary and historical contexts. The course develops students' awareness and appreciation of cultural products (e.g., tools, books, music, laws, conventions, institutions); practices (patterns of social interactions within a culture); and perspectives (values, attitudes, and assumptions). Students enrolled in the course are required to take the AP exam.

414 French I

This is a full year course open to students of college prep ability. French I is designed to provide the student with the fundamentals of French grammar and pronunciation. The students will learn a basic vocabulary that will enable them to communicate verbally and in writing. French culture will also be introduced.

418 Honors French I*

Honors French I is the first stage in a comprehensive four-year program designed to prepare students of Honors level ability for college work in foreign language. This accelerated introductory course will acquaint the students with the sounds of French and present vocabulary that will enable them to communicate effectively in everyday situations. Extensive oral practice will be done throughout the course. Students will also begin to acquire skills in reading and writing the language, and explore French-speaking cultures through individual and group projects.

424 French II

This is a full year course offered to second year language students of college prep ability. French II is designed to continue the grammar and vocabulary work initiated in French I. The grammar and vocabulary learned will be utilized in intensive oral sessions. The student will be expected to write basic compositions. Lessons will continue the study of French culture and introduce short passages of French literature.

428 Honors French II*

This course is designed to prepare students of Honors level ability for continuing, accelerated coursework in French. The course heavily emphasizes grammar; the passé composé, the imparfait, the imperative, reflexive verbs, object pronouns, and relative pronouns will be introduced and reinforced. Useful vocabulary will likewise be introduced and reinforced. Students will engage in pair practice, create and perform original dialogues, and write basic compositions which are designed to increase communicative competence.

434 French III

This course is designed for college-bound students of college prep ability. The course will focus on increasing reading, writing, listening, and speaking proficiency. Vocabulary and grammar will be taught through direct method and whole language learning. Students will complete a unit on French history as well as read a number of short stories.

438 Honors French III*

This advanced course is designed for college-bound students of honors ability. Various mediums will be used regularly to increase vocabulary, enhance communication skills, and create familiarity with the current events and lifestyles in French-speaking countries. Grammar will be presented and reviewed with emphasis on mastery of the conditional and pluperfect tenses and the subjective mood. Student will read several short stories and use current French language Internet articles in class.

446 Honors French IV*

This is an advanced French course designed to reinforce and add to the skills and content previously taught in French I, II and III. Using activities focusing on four essential domains of language learning: listening, speaking, reading and writing, students will undoubtedly enhance their comprehension and communicative abilities in French. In addition, students will gain a deeper awareness of Francophone cultures by analyzing the differing products, practices and perspectives of the people around the French-speaking world. Students will have the opportunity to participate in diverse local and national contests, and they will be required to take the Grand Concours, National French Exam, in the spring.

448 AP French Language & Culture* (Advanced Placement)

The advanced French course is designed to reinforce and add to the skills and content previously taught in French I through III. Students will branch out from basic conversational French to a more advanced level that will allow them to express increasingly complex concepts and ideas in the target language. This increase in proficiency will be accomplished using activities focusing on four essential domains of language learning: listening, speaking, reading, and writing. Advanced communication skills in French will be key for those students who desire to use French in an academic or professional setting in the future. Additionally, advanced language skills will positively impact a student's ability to engage with French speakers and culture in a variety of ways. The course is also designed to prepare students to take the AP French Language and Culture exam which is a requirement of the course.

700 Meteor Resource Program

This full year program provides selected students with instructional support through dedicated personnel, spaces, technology, and accommodations to help them achieve their educational goals.

705 IDA - Introduction to De La Salle Academics

This one semester course for freshmen and students new to De La Salle will focus on acclimation to the rigors of high school while introducing them to all facets of the academic program available to them at De. Specific lessons will focus on the history and Lasallian Mission of our school, our robust technology program, academic learning skills, time management, critical media literacy, and much more!

710 Chorus I

This full year course is designed to develop the singing voice, study the fundamentals of music notation/theory, teach the skill of listening, and encourage understanding and enjoyment of good vocal music through the singing of sacred, popular, folk, and classical music. Attention is given to vocal production and music reading with an emphasis on developing voices to their potential. Performances will be included as the group develops.

712 Theatre I

This course will explore the facets of live theatre in one whirlwind semester! Students will dive into acting, set design, lighting design, costume and make-up, stage managing, and directing - all of which are essential components of a theatrical production. The class relies heavily on hands-on, in-class teamwork as well as frequent presentations and performances. All students will have two days of required performances outside of the school day.

713 Public Speaking

This course, open to freshmen and sophomores, is designed to improve the student's basic verbal communication skills. Classroom participation and speeches are required. Students will be trained in speech techniques and will become familiar with various types of public address. The ultimate goal of the course is to make the student a more confident, effective, and organized speaker.

714 Fundamentals of Art

This one semester course is open to all students to introduce various aspects of art: drawing, color work, painting, and basic 3-D design. Technique in shading, texture, form, and perspective are included in practical exercise work. Emphasis on the elements of art and principles of design are stressed. Self-critique and work in overall evaluation will be included.

715 Fundamentals of Band

This course is designed for students who want to learn how to play a band instrument, but have little to no musical experience in playing or reading music. Students may choose from traditional band instruments such as: flute, clarinet, oboe, bassoon saxophone, trumpet, French horn, trombone, baritone, and tuba. The course provides the basic fundamentals of music as applied to these instruments, and prepares students to enroll in Concert Band. Students wishing to learn to play percussion instruments should enroll in the Fundamentals of Percussion rather than Fundamentals of Band. Students are required to provide their own instrument.

716 Fundamentals of Orchestra

This course is designed for students who want to learn how to play an orchestra instrument but have little to no musical experience in playing or reading music. Students may choose from traditional string instruments such as: violin, viola, cello, and string bass. The course provides the basic fundamentals of music as applied to these instruments and prepares students to perform at advanced levels. Students will learn to play music from the standard orchestral repertoire as well as music from film, television, and popular music.

718 Fundamentals of Percussion

This course is designed for students who want to learn how to play percussion instruments which include snare drum, drum set, timpani, bass drum, marching percussion, bells, xylophone, and many others. The course provides the basic fundamentals of music as applied to these instruments, and prepares students to enroll as members of the drumline for marching band (and Concert Band) the following school year. Students are required to provide their own percussion kit. Students wishing to learn to play other instruments should enroll in the Fundamentals of Band rather than Fundamentals of Percussion.

723 Digital Photography

This one semester course focuses on the foundations of photography and the various ways to use a digital camera. Students examine how to choose and shoot subjects that are both personally meaningful in content and contemporary in context. Instruction includes capturing and printing images in both black and white and color, and investigating digital photo editing. Pre-requisite: LA714 Fundamentals of Art

724 Painting

This one semester course will explore watercolor, oil, and acrylic along with mixed media. Acrylic painting will be done on a variety of surfaces with various techniques. Self-critique and work in overall evaluation will be included. Pre-requisite: LA714 Fundamentals of Art

725 Sculpture

This one semester course is a course where students use unconventional materials (ie. cardboard, fabric, metals, etc.) to construct three-dimensional projects. Students will learn how to create a basic mold and use clay as a practicing tool to develop composition subjects. Human form, architectural pieces, and abstract forms would be some areas covered. Self-critique and work in overall evaluation will be included. Pre-requisite: LA714 Fundamentals of Art

726 Animation

This one semester course provides foundational character animation concepts and character development. The concepts include sketching, key positions, breaking down movement, acting, takes, gestures, dialogue, and facial expressions. Traditional and contemporary techniques are explored. Self-critique and work in overall evaluation will be included. Pre-requisite: LA714 Fundamentals of Art

727 Illustration

This is a one semester course open to sophomores, juniors and seniors, and focuses on graphic design work. It will involve the use of many different media including, but not limited to computer graphic design. Student work will involve designing business and marketing materials, product design, billboard design, and comic book style graphic novels. Pre-requisite: LA714 Fundamentals of Art

729 Humanities*

This is a one semester course for sophomores in the Honors Program. Traditional scholars have designated the humanities as philosophy, literature, the fine arts, and history. However, there are few sharp boundaries. This course will emphasize the point of view that wants to know what humanities is about, what type of people we are, and how we came to be this particular way. The answers to these and other questions conjured by scholars in and out of class will be sought by means of discussion, exercises, field trips, and art workshops. Hands on experiences will be provided in theatre, art, and music to enhance the humanities experience. Non-honors students may enroll with the consent of the Honors Program Director or the instructor.

730 Advanced Chorus

This course is a performance class open to any student with previous choral experience. Vocal techniques, diction, and basic music principles will continue to be developed. Focus on singing in unison and two and three part music as a unit will be covered. Modern and chamber music will be performed. A requirement of this course is additional practices and performances outside of the school day. These include Open House, concerts, alumni-related performances, and other De La Salle events. This course may be repeated with approval of the instructor. Pre-requisite: LA 710 or instructor's approval.

732 Advanced Theatre*

Building upon foundations of acting, set design, lighting, costuming, makeup, and stage managing in Theatre I, Advanced Theatre is a class for students wanting to take a deep dive into acting, directing, and playwriting. In this class, students will be asked to reflect on themselves, be vulnerable, and connect with others to take their acting and directing to the next level; this understanding can help students not only transform into a vast array of characters, but also empathetically engage with others in their everyday lives. The class culminates in a One Acts festival composed of one-act plays that students write, cast, and direct. Prerequisite: LA712

733 Music Theory & Composition

This is a one semester course open to sophomores, juniors, and seniors. Students will be introduced to music history; aural training skills; rhythmic, harmonic, and melodic dictation; and sight singing. Concepts of theory and analysis with references to historical context will also be presented. This is a good course for chorus and band students as it will support skill development in music education, creating a well-rounded music student.

734 History of Popular Music

This is a one semester course open to juniors and seniors who will take a historical approach to music, aiming to cover a variety of popular genres including jazz, blues, R & B, soul, hip-hop, punk, folk, country, and others. Class work and class discussion will include historical and political contexts for the music, reinforcing the idea that music is an artistic reflection of its era. Analysis of songs both as poetry and as a musical work will include basic literary and musical terms and concepts, ultimately leading to a wider understanding of music as a cultural touchstone that has had and continues to have profound effects on the culture it reflects.

735 Concert Band

Concert Band is designed for continuing musicians. Students wishing to enroll in Concert Band must have already studied an instrument for at least one year or have been selected at the discretion of the director, and all students are required to be able to read music before entering Concert Band. In this class, the student will participate in Marching Band (football season) and Concert Band during the remainder of the year. Incoming freshmen who have experience in playing an instrument should enroll in Concert Band (pending audition). Students are required to provide their own instrument. This course can be repeated each year upon approval of the instructor.

736 Honors Concert Band*

Honors Concert Band is a course following the description for LA 735 Concert Band with the following additions: Students will continue to read and play music at concerts, football games, and other scheduled venues. Additionally, students will gain an appreciation of music through active research and written papers and presentations.

737 Film Studies

This is a one semester course open to juniors and seniors. The course deals with film from historical, artistic, and political perspectives. We will study a number of genres which may include comedy, drama, documentary, and horror, and we will place each film in its historic and artistic context. In addition, students will learn to become amateur film critics and will study filming techniques to gain a better understanding how films are made. Students will be required to write several movie reviews and be prepared to discuss films as they are paying attention to vocabulary and language.

749 AP Art & Design* (Advanced Placement)

This full year course allows students to focus on their area of interest and develop their skills as far as possible while developing a portfolio. This course will guide a student toward submitting a 2D, Drawing, or 3D portfolio for AP credit. Class-based assignments and independent study are included along with work in all types of media, journaling, sketchbook work, and critiquing. The development of a portfolio of work submitted to the College Board for Advanced Placement college credit is a goal. Pre-requisite: LA 714 and two additional art classes or submission of a portfolio. (May be offered zero period only or in combination with another art class.)

* * * * *

DIVISION OF APPLIED SCIENCES

Disciplines of Math, Physical Education, Science, and Applied Technology

Course #	Title	Year	Ab. Level
512	Algebra I	9	G
513	Modern Algebra I	9	A
519	Honors Algebra I*	9	H
522	Geometry	10	G
523	Modern Geometry	10	A
529	Honors Algebra II & Trigonometry*	10	H
533	Algebra II & Trigonometry	11,12	A
538	Advanced Algebra II & Trigonometry	11,12	AA
539	Honors Geometry & Pre-Calc*	11	H
542	Statistics in Sports (one semester)	12	A
545	Adv. Math Concepts	12	A
547	Pre-Calculus (with Limits)	12	AA
548	Honors Calculus*	12	H
549	AP Calculus AB*	12	H
559	Advanced Calculus BC*	12	H
610	Physical Education/Health I (one semester)	9	A
620	Physical Education/Health II (one semester)	10	A
630	Strength Training & Conditioning (PE III-one semester)	11,12	A
631	Intro to Athletic Training (PE III-one semester)	11,12	A
634	Exercise Science & Nutrition (PE III-one semester)	11,12	A
637	Coaching Theory (PE III-one semester)	11,12	A
640	Movement & Dance (PE III-one semester)	11,12	A
615	Physical Science (one semester)	9	A
622	Biology	10	G
623	Modern Biology	10	A
627	Forensic Science	11,12	A
629	Honors Biology*	9-10	H
632	Environmental Science	11	A
633	Earth & Space Science	12	A
635	Chemistry	11,12	A
639	Honors Chemistry*	11,12	H
642	OL Meteorology (one semester) ONLINE	11,12	A
643	Genetics (one semester)	12	A
644	Human Anatomy (one semester)	12	A
645	Physics	12	A
647	Honors Physics*	12	H
648	Honors Anatomy & Physiology*	12	H
649	AP Physics I*	12	H
817	Intro to Engineering Design*	9,10	H
825	Residential Wiring (one semester)	9-12	A
827	Principles of Engineering*	10-12	H
829	AP Computer Science Principles*	10-12	H
831	Robotics (one semester)	11,12	A
832	Intro to Programming/Coding (one semester)	10-12	A
834	Intro to Mobile App Development (one semester)	10-12	A
833	iPad Innovation (one semester)	10-12	A
837	Intro to Web Page Design (one semester)	9-12	A
839	Cybersecurity*	10-12	H
842	Advanced Programming/Coding (one semester)	11,12	A
843	Small Engines (one semester)	11,12	A
847	Advanced Web Page Design (one semester)	11,12	A

512 Algebra I**513 Modern Algebra I**

In an academically challenging fashion specific to the class ability level, the course objective is to provide students with the following: Vocabulary for the language of Algebra, a solid understanding of the properties of real numbers, the means by which to solve, graph and write linear equations and linear inequalities, solving order relations, the properties of exponents and exponential functions, an understanding of polynomial expressions and factorization.

519 Honors Algebra I*

The student will be exposed to operations with set of real numbers system, numerical and variable expressions and transforming equations. Other material covered will be graphs, functions, polynomials, factoring, rational and irrational numbers, quadratics, and rational functions. Students will be expected to do a semester project (ie. papers, power point) involving comparative thinking, analysis and research.

522 Geometry

The primary objectives of this course are the development of logical thinking and an interest in math while dealing with many of the traditional topics inherent to the field. These include proofs in angles, perpendicular and parallel lines, congruent triangles, similar polygons, and circles.

523 Modern Geometry

Students will study the formal development of direct and indirect proofs and geometric properties. This course is concerned with the method of proof in angles, perpendicular and parallel lines, congruent triangles, similar polygons, circles, and constructions.

529 Honors Algebra II & Trigonometry*

This is a rigorous course for Honor students and students of exceptional ability at the Sophomore level. The course emphasizes the theoretical concepts which are the foundation of the real number system. Problem solving techniques are expanded in the traditional areas of second year algebra and trigonometry. The course reflects all subject matter pertinent to pursuing advancement in any mathematical, scientific, or technical field. Students will be expected to do a semester project (ie. papers, power point) involving comparative thinking, analysis and research.

533 Algebra II & Trigonometry

This course investigates the axioms and theorems of the Real Number System. In particular, it attempts to educate the student in two major topics: 1) how to usefully and simply manipulate Algebraic expressions, and 2) how to solve algebraic equations by use of the Real axioms. Trigonometry is also introduced. Preparation for the ACT exam is an ongoing aim of this course.

538 Advanced Algebra II & Trigonometry

This advanced course covers the axioms for Real Number Systems. Open sentences in one variable, open sentences in two variables, polynomials, factorization, rational number, relations, and functions, irrational numbers, quadratics, logarithms, trigonometry. This course completely integrates the graphing calculator in an investigative setting. Preparation for the ACT exam is an ongoing aim of this course.

539 Honors Geometry & Pre-Calculus*

This is an advanced course for Honor students and students of exceptional ability at the Junior level. The course emphasizes the development of logical thinking, basic concepts and proofs, congruent triangles, lines and related figures, polygons and ratio and proportion. Also covered will be the Pythagorean Theorem, area, volume coordinate geometry, constructions and inequalities. Pre-calculus will cover functions and relations, graphing techniques, polynomial, trigonometric, exponential, and logarithmic functions. Solving trig equations and the laws of sine and cosine will also be included. Students will be expected to do a semester project (ie. papers, power point) involving comparative thinking, analysis and research.

542 Statistics in Sports

This senior elective Math course will explore all varieties of statistics in the sports world. Discussion on the growing role of statistics in sports today and reading and analyzing many types of data will be the main focus of this class. This class will also utilize programs like Microsoft Excel to compile and display

data. Students will learn basic functions as well as more complex formulas. Probability and statistics will be used to predict various outcomes. This will assist in critical thinking and analysis of data to make a logical decision. Scoring in various sports will also be reviewed.

545 Advanced Math Concepts

This is a college prep course that will use mathematics to give students the tools to become financially and technologically responsible adults. The course begins with a study of generalized, but key math functions and operations, as well as the numbering system, fractions, decimals, percentages, ratios and proportions. The course employs algebra, geometry, probability and statistics to solve financial and technical problems that occur in everyday life. Real world scenarios in estimating, investing, credit, banking, insurance, mortgages, employment, taxes, and retirement planning are solved applying relevant mathematics. A graphing calculator is required for this course.

547 Pre-Calculus

Integrating the graphing calculator, this course teams students together to discover and investigate mathematics in a real world setting. Topics covered include functions and relations, advanced graphing techniques, polynomial functions and equations, Exponential, logarithmic, and trigonometric functions, conic sections, analytic geometry. A survey of statistics on the graphing calculator will be presented as well as a look at parametric, polar, and sequential functions. This course provides an excellent background for the advanced college-bound student.

548 Honors Calculus* (PACC)

Honors Calculus is a yearlong, college-level course designed to prepare students for both college and life. Major topics of study in this full-year course include a review of pre-calculus; the use of limits, derivatives, definite integrals, and the applications of these concepts. Emphasis is placed on the use of technology to solve problems and draw conclusions. The course uses a multi-representative approach to calculus, with concepts and problems expressed numerically, graphically, verbally, and analytically.

549 AP Calculus AB* (Advanced Placement, PACC)

This is a yearlong, college-level course designed to prepare students for the Advanced Placement (AP) Calculus AB exam. Major topics of study in this full-year course include a review of pre-calculus; the use of limits, derivatives, definite integrals, and mathematical modeling of differential equations; and the applications of these concepts. Emphasis is placed on the use of technology to solve problems and draw conclusions. The course uses a multi-representative approach to calculus, with concepts and problems expressed numerically, graphically, verbally, and analytically. In this class, there is a heavy concentration on the exam and a lot of time spent on exam prep. Students enrolled are required to take the AP exam.

559 Advanced Calculus BC*

This course follows the successful completion of Calculus AB. Students will work to master the following advanced math topics and concepts: Parametric, Polar, and Vector Functions; Applications of Integrals; Polynomial Approximation; Series to include partial sums, convergence and Taylor series. **Participation in one week *Calculus Summer Review & Prep session may be required.*** Students are placed in this course after approval from the Dean of Applied Sciences.

610 Physical Education/Health I

620 Physical Education/Health II

All students are required to pass a course in Physical Education/Health during their Freshman and Sophomore year of attendance at De La Salle. The program is designed to meet the needs of students in accord with their age, physical, and emotional development. The objectives of the course are to coordinate and develop the body, to give breadth and scope to each student's recreational and leisure program, and to educate him in areas of personal hygiene and safety. Every Freshman and Sophomore will be scheduled automatically in P.E./Health.

630 Strength Training & Conditioning (PE III)

This one semester course will focus on the benefits of aerobic and anaerobic exercises, body fitness and nutrition, flexibility, and weight lifting techniques. Students will engage in activities where they will learn the function, location, and proper means to develop muscle groups in order to improve their overall fitness level. Related topics of nutrition, flexibility, and cardiovascular fitness will be covered in order to create a more thorough understanding of the importance of each in a balanced lifestyle.

631 Intro to Athletic Training (PE III)

This one semester course will examine the duties of an athletic trainer as part of a team approach to caring for injured athletes. Students will study both the prevention and management of injuries and illnesses. Topics to be covered include professionalism in athletic training, risk factors in sports participation, pre-participation physical exams, fitness testing, strength and conditioning, and emergency care. Students will examine preventative efforts including environmental concerns and protective devices.

634 Exercise Science & Nutrition (PE III)

This one semester course will examine contemporary fitness and exercise issues, conditions, and practices in light of the physical, mental, social, and cultural aspects of health and well-being. This course will also discuss the importance of nutritional considerations, lifestyle and self-responsibility for achieving health and wellness. Students will develop and implement a personal wellness plan in the fitness center.

637 Coaching Theory (PE III)

This one semester course is designed for students to develop their leadership skills and gain an understanding of key qualities needed for a successful and productive life as well as a positive coaching experience. Skills will be developed by using team building activities, cooperative based learning initiatives, and developing strategies to teach individual and team skills. Core knowledge of individual and team sports, fitness components, leadership styles and components will also be covered.

640 Movement & Dance (PE III)

This semester-long course introduces students to bodily awareness through movement. Students will explore mindful movement in yoga and stretching; choreographed movement in ballet, tap, jazz, and ballroom dance; health-based movement in group cardio fitness; and modified movement in an exploration of movement for people of differing physical abilities. The class requires daily participation in movement and a high level of commitment to in-class activity.

615 Physical Science

This one semester lab course required of all CP and LCP freshmen, is designed to be an introduction and investigation into the basic laws of chemistry, physics, and earth science. The principles involved are applied to today's technology. The course provides the student with the study of laboratory techniques, a better understanding of the metric system, scientific method, and the development and interpretation of scientific data. Also explored will be the effects of technology on the student's future as a working adult and consumer in the 21st century. Students will develop an integrated approach to problem solving.

622 Biology

This lab course is designed to help students develop a broad understanding of biological concepts and principles. Throughout the course, learning experiences are designed to encourage students to use their abilities to develop an understanding and appreciation of concepts and principles in the following content areas: general science, human biology, health sciences, and ecology. Practical application of scientific information is emphasized.

623 Modern Biology

This laboratory course is designed for the average or above average ability Sophomore. Throughout the course, learning experiences are provided to develop an understanding of concepts and principles in the following areas: cell biology, molecular biology, genetics, evolution, microbiology, proto-zoology, invertebrate and vertebrate biology, anatomy, ecology, and botany.

627 Forensic Science

This one semester, elective, laboratory course incorporates knowledge from multiple science disciplines in one: biology, physics, anatomy, and chemistry. Through lab investigation, students will develop an understanding of how to make observations at a crime scene, proper lab techniques, death, fingerprinting, drug ID, toxicology, blood splatter, ballistics, and psychological profiling and interrogations. This course will make real-world connections and will help students gain an understanding of the relationship between science and crime.

629 Honors Biology*

This honors science lab course is designed for superior freshmen and sophomores. Throughout the

accelerated course, learning experiences are provided to develop an understanding of concepts and principles in the following areas: cell biology, molecular biology, genetics, evolution, microbiology, protozoology, invertebrate and vertebrate zoology, anatomy, ecology, and botany. Students are expected to do independent, in-depth research into the above topics.

632 Environmental Science

This course, offered to juniors, will help students develop an awareness of the environment by presenting Earth as the only known viable habitat for people and other organisms. The course introduces students to the basic ecological concepts and ideas that frame the study of the environment. A study of the climate condition, plants, and animals that characterize the world's terrestrial and aquatic biomes will be undertaken. Laboratory activities that include the use of the scientific method, measurement, laboratory apparatus, and safety are an integral part of this course.

633 Earth & Space Science

Earth & Space Science will provide students with opportunities to develop concepts basic to Earth, its materials, processes, history, and environment in space. Topics will include but not be limited to: theories on the origin of the universe and solar system, tools of astronomical observation, the solar system, nature of matter and atomic structure, land forms, mineral and rocks, hydrologic cycle, oceanography, the atmosphere and weather and natural disasters. Laboratory activities that include the use of the scientific method, measurement, laboratory apparatus, and safety are a part of this course.

635 Chemistry

The chemistry course is designed to be an introductory course for average to above-average student ability. Chemistry deals with the composition of substances and the transformation which they undergo. This course includes the study of techniques, laws, theories, and problems in this science. It is a laboratory course including individual and group experiments; besides giving the students an understanding of chemistry in everyday life. Applied Science 635 is designed for those Juniors and Seniors who may wish to continue their study of science. Requires the approval of current science course instructor.

639 Honors Chemistry*

The Honors Chemistry course is designed to be an introductory chemistry course for the college bound student with above average ability. This course covers in depth the core curriculum of chemistry plus approximately thirty-five additional sections that are intended for the above average student. Some of the areas covered exclusively in this course are: application of the Gibbs equation to the physical change, reaction mechanism and rates of reaction, solubility, balancing redox equations, buffer solutions, gram equilibrium, equivalent masses, Hess' Law, quantum numbers, position of electrons and isoelectronic species. In conjunction with this course of study, the student will be doing laboratory work to develop lab techniques and lab writing skills. Students in this course are required to do an in-depth research project. Requires the approval of the instructor or the Division Dean.

642 OL Meteorology ONLINE

This one semester online course will cover basic, and then advanced, meteorological fundamentals, including atmosphere, temperature, wind, storms and clouds. Special interests will be given to how weather influences aviation and aircraft operation (ie. turbulence, icing). The interpretation of forecasts, weather reports, and altitude charts will be included.

643 Genetics

This one semester science elective course is designed for college prep level seniors. The first half will expand on classical genetics introduced during sophomore level biology. The focus includes Mendelian genetics and patterns in human genetics through use of punnet squares, karyotyping, and pedigrees. The second half of the course will expand on DNA and RNA structure and function in order to investigate various topics in biotechnology.

644 Human Anatomy

This one semester science lab course is designed for college prep level seniors. The course begins with an overview of the chemical, cellular, and tissue levels of organization. Students will then study the anatomy of each of the body systems through lab investigations, dissections, and computer simulations. Students will touch on some of the physiology of each system and make connections among the systems.

645 Physics

Physics, a science lab course, deals with those phenomena of inanimate matter involving no change in chemical composition. It is the study of matter and forms of energy. Units studied include: magnetism, electricity, optics, sound, mechanics, and astronomy. This course is open to Juniors and Seniors and requires the approval of the course instructor. All students taking this course should be signed up for or have taken Algebra II.

647 Honors Physics*

Honors Physics is a lab course designed to meet the needs of the advanced ability student and to challenge him/her by rigorous in-depth study of the following physical phenomena: mechanics, waves and energy transfer including studies of sound, light and optics, electricity and electric circuits, magnetism, nuclear physics and astronomy. Throughout the course, students will use multiple representations of physical processes, solve multi-step problems, set up and perform scientific investigations, and analyze and reflect on their outcomes. Problem-solving strategies focus attention on techniques to make solutions easier. Practice problems reinforce concepts presented in the text and examples. Various resources will be utilized in order to reinforce concepts allowing them experience physics in the real world.

648 Honors Anatomy & Physiology* (PACC)

This science lab course is designed for advanced ability Juniors and Seniors who are interested in pharmacy, dentistry, medicine and biology at the university level and a career in allied health fields. The course covers the anatomy and physiology of the rat, cat, and human, the biochemistry of the human body, nutrition and other selected topics. Students are given supervised laboratory work to observe various anatomical parts and to investigate certain physiological phenomena. Field trips to medical schools and the chiropractic schools are taken as part of the curriculum. Written and oral reports are required on selected topics as well as observations of selected field trips. This course requires the approval of the course instructor or Division Dean. Prerequisite: Chemistry

649 AP Physics I* (Advanced Placement)

AP Physics I is an algebra-based, introductory college-level physics course. Students cultivate their understanding of physics as they explore these topics: kinematics, dynamics, circular motion and gravitation, energy, momentum, simple harmonic motion, torque and rotational motion. This course helps students develop an understanding of the foundational principles that shape classical mechanics. By confronting complex physical situations or scenarios, the course is designed to enable students to develop the ability to reason about physical phenomena using important science practices, such as explaining relationships, applying and justifying the use of mathematical routines, designing experiments, analyzing data, and making connections across multiple topics within the course. Students enrolled in the course are required to take the AP exam.

817 Intro to Engineering Design* (*Project Lead the Way*)

This full year lab course for Honors Program freshmen will dig deep into the engineering design process, applying math, science, and engineering standards to hands-on projects. Students will work both individually and in teams to design solutions to a variety of problems using 3D modeling software, and use an engineering notebook to document their work. Students will develop a conceptually integrated approach to problem solving. (Replaces AS 615 for Honors Program students.)

825 Residential Wiring

A one semester course open to students whose interest lies in the field of Electronics. This course covers electrical energy fundamentals, circuit theory and components, use of electrical meters, and planning branch and wiring circuits. The basic techniques of electrical wiring in the home will be presented through hands-on projects. Electrical safety and use and care of electrician's tools will also be covered.

827 Principles of Engineering* (*Project Lead the Way*)

This is full year lab course. Through problems that engage and challenge, students will explore a broad range of engineering topics, including mechanisms, the strength of structures and materials, and automation. Students develop skills in problem solving, research, and design while learning strategies for design process documentation, collaboration, and presentation. Pre-requisite: AS 817

829 AP Computer Science Principles (Advanced Placement)

This full year, rigorous, collegiate entry-level course introduces high school students to the foundation of modern computing. The course covers a broad range of foundational topics such as programming,

algorithms, the Internet, big data, digital privacy and security, and the societal impacts of computing. Students will prepare for the Advanced Placement Examination in computer science and are expected to take the A.P. exam.

831 Robotics

This one semester course for Juniors and Seniors gives students an introduction to the field of robotics while using and focusing on the Engineering Design Process (EDP) through using mechanical, electrical, and computation engineering. In building a robot, students will learn creativity and engineering based concepts such as gear ratio, torque, power, lifting systems, and mechanical integration. Students must be recommended by their current math teacher.

832 Intro to Programming/Coding

This one semester class is designed to introduce students to the fundamental principles and practices of coding and software development using the Java programming language. This language is a key component used in the development and coding of Apps on the Android platform. Students will learn coding, edit and run basic programs to become familiar with the features of Java. This course is ideal for students interested in pursuing computer science / software engineering in college.

833 iPad Innovation

This one semester class is designed to enhance technology literacy and introduce students to iPad learning. A class for both beginners and experienced technology students, the activities and projects will encourage students to express themselves, develop creative confidence, and reveal undiscovered abilities. Problem solving individually and through group work will give students practical experience, tools, and techniques needed to create music, photos, drawings, and videos with iPads.

834 Intro to Mobile App Development

This one semester class is an introduction to programming for the Android and Apple platforms. Students will use Java and Swifty programming language. Many mobile computing devices such as smartphones and tablets use the Android and Apple operating systems. Students will learn fundamental programming principles and gain familiarity with Android and Apple platforms to create Apps that can run on mobile devices. Students will gain practical experience with tools, techniques and concepts needed to build apps from scratch.

837 Intro to Web Page Design

This one semester course is designed to introduce students to web-page development. Students will create their own web sites using HTML and CSS, which are the building blocks of the Internet. The course is ideal for students interested in pursuing web development in college, or for those looking to gain foundational knowledge of website creation.

839 Cybersecurity* (*Project Lead the Way*)

This full year course exposes high school students to the ever growing and far reaching field of cybersecurity and the many aspects of digital and information security while encouraging socially responsible choices and ethical behavior. Students accomplish this through problem-based learning and student role-play, inspiring algorithmic, computational and "outside-the-box" thinking.

842 Advanced Programming/Coding

This one semester course covers advanced programming concepts such as encapsulation, inheritance, polymorphism, abstraction, data binding, method overriding, exception handling, class libraries and multi-threading. Students will acquire analysis, problem-solving and software development skills. Pre-requisite: AS 832

843 Small Engines

A one semester course designed to introduce the student to the theory of operation, construction, maintenance, repair and adjustment of small engines. The student will have the opportunity to work on small engines and relate their knowledge and experiences to larger more complex machines.

847 Advanced Web Page Design

This one semester course focuses on learning on concepts for making rich interactive web applications. Advanced web development topics such as scripting languages, CSS techniques, data validation, database interactions, security and design considerations. Pre-requisite: AS 837

* * * * *