

ILLIANA CHRISTIAN HIGH SCHOOL

Illiana Christian High School is founded on the Bible as interpreted in the Reformed creeds. We graduate academically capable young people with a comprehensive Christian view of life committed to the challenge of serving God and others.

COURSE CATALOG AND REGISTRATION HANDBOOK 2018-2019

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SCHOOL MISSION STATEMENT

Illiana Christian High School is founded on the Bible as interpreted in the Reformed creeds. We graduate academically capable young people with a comprehensive Christian view of life committed to the challenge of serving God and others.

SCHOOL PURPOSE AND PHILOSOPHY

To fulfill this mission, Illiana Christian students, teachers, and parents are expected at all times to live a life consistent with Christian principles. The honoring of God in all activities and living to the service of Christ are most important. The following ideals should be constantly held before student, teacher, and parent:

- a. The development of Christian virtues such as love, honesty, courtesy, obedience, respect, sincerity, and the discipline of body and mind in accordance with the Holy Scriptures.
- b. The development of Christian citizenship and leadership in the school, one's chosen occupation, and in the community in accordance with the Holy Scriptures.
- c. The development of Christian scholarship according to God-given ability.

ACADEMIC POLICIES

GRADUATION REQUIREMENTS

To participate in graduation a student must successfully complete 24 credits, pass all required courses, and satisfy all financial and disciplinary obligations to the school. The school will inform any senior student and his/her parents in May if he/she is not qualified to graduate based on a review of school records and requirements. Disqualified students who become qualified after their status is determined may submit a written appeal to the administration for re-evaluation. Such appeals will only be considered if all the requirements have been met.

COURSE REQUIREMENTS

Credits are earned on a semester basis. One half credit is given for each semester that a course is taken and passed. Students enrolled at Illiana Christian should register for at least six (6) classes each semester and must attend all homerooms, classes, chapels, club periods, etc. Illiana Christian enrolls only full-time students. (No work/study programs, no home school/school accommodations, no college/high school combination schedules.)

The twenty-four credits required for graduation must include:

English	4 credits	Social Studies	3 credits
Mathematics	3 credits	Science	3 credits
Bible	2 credits	Physical Education	1.5 credits
Fine Arts	0.5-1 credit	Career Applications	0.5 credits
Computer Skills	0.5 credits	Economics	0.5 credits
Electives	7 - 7.5 credits		

A maximum of four credits earned through a performance music course may be counted toward the twenty-four required credits. Many colleges and universities have entrance requirements that are higher than those required for high school graduation. Therefore, students who intend to pursue their education at the college level are encouraged to earn a minimum of 3 years of mathematics (Algebra I & II, Geometry), 3 years of science, and 2 years of a foreign language.

GRADE POINT AVERAGE

Illiana Christian's grading system is on a 4.0 scale as listed below. In addition, essential, honors, and AP courses are weighted as noted. (Grade x weight = quality points. Total quality points/# credits = grade point average.)

Essential	Standard	Honors	AP
A = 4.0 x .8 = 3.2	4.0 x 1.0 = 4.0	4.0 x 1.2 = 4.8	4.0 x 1.4 = 5.6
B = 3.0 x .8 = 2.4	3.0 x 1.0 = 3.0	3.0 x 1.2 = 3.6	3.0 x 1.4 = 4.2
C = 2.0 x .8 = 1.6	2.0 x 1.0 = 2.0	2.0 x 1.2 = 2.4	2.0 x 1.4 = 2.8
D = 1.0 x .8 = 0.8	1.0 x 1.0 = 1.0	1.0 x 1.2 = 1.2	1.0 x 1.4 = 1.4

HONOR ROLL

The Honor Roll recognizes students who have demonstrated academic excellence each quarter. "Honors" are for 3.000 to 3.499 grade point. "High Honors" are for 3.500 and higher for students enrolled in a minimum of six courses. A quarter grade of "D+" or lower disqualifies a student from either honor roll.

TRANSFER CREDITS

Credits from another accredited high school will normally be assigned credit value equivalent to that same course at Illiana Christian. When a student transfers from another high school, course work, grades and grade point average from that school will become a part of the student's transcript and it will be noted that these are transferred credits. Cumulative grade point average, class rank, and class honors at Illiana Christian High School will be based only on the grades received at Illiana Christian.

Credits for off-campus courses taken by students already enrolled at ICHS will be accepted on the following conditions:

1. Prior approval must be obtained from the principal or counselor.
2. Credit will be accepted for elective or make-up courses only.
3. Credits must be earned at an accredited summer school, college or university, or correspondence course.
4. The grades will not count for the Illiana Christian GPA.
5. No more than four off-campus credits will be accepted towards meeting the graduation requirements.

HOME SCHOOLING CREDITS

Scholastic work accomplished through home schooling will be evaluated on a case-by-case basis upon receipt of an official transcript. Normally, credits for home schooling will be accepted if the instruction was under the supervision of a certified teacher or an accredited home schooling agency and the time included a minimum of 150 hours per credit. No GPA credit will be given and all "home schooling" courses will be identified as such on the transcript. Illiana Christian High School reserves the right to administer appropriate standardized achievement tests prior to acceptance of home school courses.

ACADEMIC PROBATION

Students are expected to successfully progress in their academic work at ICHS. Failure of two or more courses in any semester requires a conference with the student, his counselor, an administrator, and the parents. The meeting will be directed at the causes of failure and steps to be taken to avoid further failure. The student will be placed on academic probation. If a student has failed more than two courses, the advisability of continuing at ICHS must be considered.

Following a semester of academic probation, the Education Committee will review the student's record. The student may be recommended to the Board for expulsion.

INCOMPLETE AND FAILURE

Students who receive an "Incomplete" in a course must complete the work within two weeks of the end of the marking period or the "incomplete" becomes an "F". Receiving an "Incomplete" requires administrative approval, generally only granted due to extended illness.

Students who fail a required course must make plans to repeat the course. If a student does not make up the work during the summer at an approved institution, he/she must make arrangements to take the course during the following year.

ACADEMIC ELIGIBILITY RULES FOR EXTRA-CURRICULAR ACTIVITIES

To participate in extra-curricular activities, school organizations, and leadership roles, students must meet basic academic and Christian citizenship standards. In addition, athletes must follow athletic training standards along with all other requirements as outlined in the Athletic Handbook. All participants must agree to follow the requirements listed below. The extra-curricular activity policy applies to:

Athletic activities: team members, managers, statisticians, and cheerleaders.

Non-athletic activities: Participants in plays or musicals, Improv Team, Student Council, Chapel Committee, National Honor Society, Landlopers, Spire, Marching Band, Flags and Color Guard, Pep Band, Jazz Band, Math Team, We The People, and student assistants in the media center, office, or classroom, as well as any other extra-curricular club, team, or activity.

Academic Standards

1. Students must pass all their courses each quarter. A student who is failing at the end of the quarter is ineligible for two weeks. Passing grades in all courses must be demonstrated before eligibility resumes.
2. In order to practice, participate, or perform on a school day, a student must be in attendance for a half-day unless excused by an administrator.

Christian Conduct Standards

1. Student participants must demonstrate responsible behavior, good citizenship, and respect for others. A student who conducts himself in a manner that discredits himself, others, or the school may be declared ineligible.
2. Possession or use of alcohol or illegal drugs during the school year is a violation of eligibility rules.

Enforcement Standards

In the event of a violation by a participant, a penalty will be determined by the administration after consultation with a sponsor of such activity. The penalty will be comparable to the penalties for participation in athletic activities.

For additional policies regarding athletic participation, please refer to the Athletic Handbook.

ATTENDANCE AND SCHEDULES

TOTAL ABSENCES

A student exceeding 10 absences of any kind in one semester in any class or classes will ordinarily receive no credit for that class or classes. A long-term illness exception may be granted by an appeal that includes a doctor's signed statement. School sponsored absences (field trips, COP appointments, etc.) are not included. College visits are counted as absences.

For other specific policies regarding attendance, please refer to the Parent-Student Handbook.

SCHEDULE CHANGES

Because a great deal of planning and expense goes into scheduling teachers for a certain number of students and course sections, all schedule changes after the spring scheduling process are discouraged. Once the semester begins, students are allowed to change schedules during the first week of classes and only with the permission of a parent, the teachers, a counselor, and an administrator using the Course Drop/Add Request Form. If any teacher, counselor, or administrator objects to the change, but the parent and student wish to proceed anyway and it is feasible to do so, then a \$50 fee will be assessed to make the change.

DROPPING A CLASS

After the first week of school, students are not allowed to drop a class. Any student dropping a class after the first week of the semester will be assigned an "F" for the course. The Education Committee of the Board of Directors must approve any exception to this policy.

No student may drop an upper level, year-long course at the semester unless they receive less than a “C” for the first semester or upon the advice and consent of the teacher. Examples of courses covered by this policy include the following: Honors English, Algebra II, Pre-Calculus, AP Calculus, Honors Chemistry, Chemistry, Honors Physics, Physics, AP Chemistry, Business Procedures, Accounting, German, and Spanish. The regular Course Drop/Add Request Form must be used to complete this process.

MISCELLANEOUS MATTERS

TEXTBOOKS

In general, all books are provided by the school and the cost is included in tuition. Occasionally, there may be a novel or some other text which must be purchased.

ADVANCED PLACEMENT COURSES

Advanced Placement courses are college level courses offered at the high school level. Students who show high aptitude in academics and are willing to work hard are encouraged to participate in AP level classes. Currently, Advanced Placement courses are offered in Calculus, Chemistry, English, German, Government and Spanish. An exam (fee required) is given in the spring. The student’s score on the exam will be used by colleges to determine college credit. These courses receive full high school credit and grades are valued 40% higher in calculating a student’s GPA.

CHAPEL

Chapel is held on Monday, Wednesday, and Friday and is mandatory. Chapels are organized by a special committee of senior students and two teachers around both an annual theme and a weekly theme. The format for chapel varies widely to ensure interest and vitality.

CLUB PERIOD

Illiana Christian has many special clubs to appeal to the varied interests of students and the needs of the school. Each Tuesday and Thursday, there is about 20 minutes set aside for clubs such as Student Council, GO Club, Weight Lifting Club, etc. Some of these clubs have open participation, some are selected.

COMMUNICATION WITH PARENTS

At Illiana Christian, we believe it is very important that parents and teachers support one another in the exciting process of Christian education. Although parents are encouraged to contact the teacher directly at any time with class questions or concerns, we have established formal opportunities to communicate with the home.

1. Back to School Night is held each September to acquaint parents with the teachers, classes and programs of the School.
2. RenWeb ParentsWeb allows parents to view their child’s grades at any time, as well as view their tuition balance, pay tuition, order lunch, view report cards and communicate with teachers.
3. Progress Reports are emailed home half way through each grading quarter when a student’s performance is in need of attention. All freshmen will receive a first quarter progress report from each teacher.
4. Report Cards are available on ParentsWeb at the end of each nine-week quarter.
5. Parent-Teacher Conferences are held in the fall and spring. These provide excellent opportunities for personal dialogue between home and school.
6. Family Newsletters are emailed home every month along with tuition statements. The school’s website includes information about scholarships, college application deadlines, etc.

Parents can communicate with teachers using the school’s voice messaging system or RenWeb. The extension numbers are listed in the back of the Parent-Student Handbook and Planner. Teachers also have e-mail addresses following this model: firstname.lastname@illianachristian.org.

COMPUTER USE

There is a heavy responsibility on students to use computers responsibly. The school subscribes to a full-text periodical resource on the Internet. We expect students to use the Internet responsibly to do research for classes. Irresponsible computer use will be treated severely. For more information about student use of computers, see the Parent-Student Handbook, Computer/Internet User Policy.

CAREER OPPORTUNITY PROGRAM (C.O.P.):

The Career Opportunity Program assists Illiana students in exploring career opportunities open to them. Using on-the-job exposure, C.O.P. helps students discover their career interests, vocational gifts, and their calling. After an initial screening, students may spend a few hours shadowing an Illiana contact in an area of vocational interest. Juniors and seniors can experience two such exposures each school year.

HONESTY POLICY

An increasing awareness of personal integrity, honesty, and obedience to God's Word is one of the most important Biblical, moral and social values we strive to develop in students. To emphasize the importance of honesty, the Board has adopted the following policy:

"For any dishonesty or cheating of which the teacher becomes aware and which can be validated, whether in classroom testing, daily work, memory work, or reference work, in class or out of class, the consequence will be an "F" for the test or assignment and a letter grade reduction on the final grade for that quarter. If there would be a second incident involving the student in a given class, the student will be removed from the class and will receive a final grade of "F". If students are knowingly involved, a giver as well as a receiver will be treated equally."

GUIDANCE AND COUNSELING SERVICES

The purpose of the Guidance and Counseling Office is to inform and respond to students concerning classes and schedules, disseminate college and career information and advice, and respond appropriately to personal concerns. Throughout the year, counselors will call in students to discuss their school progress as well as personal matters. Students who wish to meet with a counselor may sign up in the counselor's office. Mrs. Bussema works primarily with students whose last names begin with "A" through "K" and Mr. Zandstra works with students whose last names begins with "L" through "Z".

This booklet is intended to be informative without being overwhelming. Additional information on other school matters can be found in the Parent-Student Handbook, Athletic Handbook, Curriculum Manual, and the Board Policy Manual.

BIBLE DEPARTMENT

All courses taught at Illiana Christian High School are taught from a Reformed perspective, using God's General and Special Revelation as basis for what is taught. God's Word permeates every class and activity.

However, it is also very important that Bible is taught as a formal discipline, to augment what is already being taught in the Christian home and church. High school students are coming into the "age of discretion;" a time in which the exact nature of their beliefs and how these beliefs shape their way of living becomes very important. A study of the Old Testament helps them understand who they are in relationship to God's covenant nation. As they prepare themselves for the adult world, knowledge of the content and doctrines of the New Testament helps them to better understand their relationship to Christ and His Kingdom. Therefore, it is important to know the Old Testament, Gospels, and Epistles, and the doctrines taught in them as thoroughly as possible.

It is also important for Illiana Christian students to recognize that they have an obligation to cultivate the Holy Spirit in their lives by means of daily personal devotions, including both prayer and Bible study. Students will be challenged to respond to the call of the Word with a commitment to a Christian life style.

The Bible Department desires to have students:

1. Grow as readers of the Word as a primary source
2. Discover connections between the Word and the world, including expressing the effect the Bible has on their life
3. Investigate historical context and geographical setting as part of studying Bible passages
4. Continue in Biblical literacy
5. See the Bible as one story with interconnected stories and overarching themes
6. Articulate and define a Reformed worldview and a personal worldview
7. Begin a lifelong process of listening to the Word and doing what it says, with head, heart, and hands
8. Express their faith in deeds of service
9. Develop a critical eye and heart for discerning the "Spirits of the Age"
10. Gain knowledge of the Bible as it relates to other religions, so that students will be prepared to answer questions about God, Jesus Christ, salvation, and the Bible as they go out into an increasingly non-Christian world.

BIBLE 1

Length of Course: 1 semester

Credit: ½

Grade Placement: 9 - required

Course Name: **REFORMED PERSPECTIVES ON CULTURE (RPOC)**

Course Description:

Reformed Perspective On Culture gives freshmen students the opportunity to build a foundation of knowledge in reference to the Reformed tradition and the beliefs that Illiana has been founded upon. Students are then taught to apply these standards to a variety of situations in a complicated and confusing world.

Seven teachers, drawn from a variety of disciplines, work together to teach students to confront culture by means of a Discover, Discern, Decide, and Do model. Over the course of the semester, students will examine advertising, journalism, music, stewardship, justice, and Reformed Christianity and to apply these principles to practical aspects of daily life.

BIBLE 2

Length of Course: 1 semester

Credit: ½

Grade Placement: 10 - required

Course Description:

This is a one-semester course requirement of sophomores. It concentrates on the covenants found in the Old Testament and how they are fulfilled in the New Testament. The primary goal of this course is to acquaint/re-acquaint students with the content of the Old Testament especially as it relates to the Covenant of Grace. Through a variety of assignments, the student will see that the whole Bible is unified by one message: salvation through Jesus Christ. This course will include methods of Bible study that will be helpful in the interpretation of Scripture for everyday life.

BIBLE 3

Length of Course: 1 semester Credit: ½

Grade Placement: 11 – required

Course Description:

This is a one-semester course required of juniors, which begins with a look at the authority of God’s Word and how that authority has been understood in the history of the church. Using the New Testament as its text, this class also studies the book of Acts to learn of the early Christian church after Pentecost and the early missionary activity. Weekly Memory work is expected, as well as an epistle project in which students choose an epistle, and write an in-depth summary of it. In the epistle project, students will focus on context, content, and personal application.

BIBLE 4

Length of Course: 1 semester Credit: ½

Grade Placement: 12 – required

Course Description:

This course is a one-semester course, which helps students become more aware of “world views” in today’s complex society, and how these compare with Biblical, historical Christianity. Study will include the secular religions (such as materialism, individualism, and humanism); world religions (Islam, Judaism); non-traditional religion (New Age Movement); quasi-Christian cults (Mormonism, Jehovah’s Witnesses, Christian Science, Moonies).

CHAPEL COMMITTEE

Length of Course: 1 year Credit: none

Grade Placement: 12 – elective

Course Description:

Chapel Committee is an elective available to seniors who desire to participate in the planning of chapels. Faculty chapel sponsors make selection to this Committee.

SENIOR SERVICE

Length of Course: 1 semester Credit: ½

Grade Placement: 12 - elective

Course Description:

Senior Service is an elective class available to seniors only. Students will serve two periods a day off campus at a local school or the Holland Home. Students may apply in the spring of their junior year and acceptance will be determined by the Senior Service Selection Committee.

BIBLE 5

Length of Course: 1 semester

Grade Placement: 11, 12 – elective Credit: ½

Course Name: **ADVANCED REFORMED PERSPECTIVES ON CULTURE**Course Description

This is a one-semester elective course for juniors and seniors. Advanced Reformed Perspectives on Culture builds on the foundation laid in the freshmen course. Students will learn to apply Biblical standards and understandings to a complicated and complex world. Students will learn to engage culture using the strategies provided in the class. This class will begin with a review of Reformed principles and then students will examine different aspects of culture including the following: movies, television, music, substance abuse, video games, internet, and other aspects of modern culture.

ENGLISH DEPARTMENT

We believe that language is a gift of God. It comes from a God who communicates with us through His creation, His written authoritative Word, and the Incarnate Word, Jesus Christ. We want our students, who are God's image bearers, to learn to take delight in and make wise use of this marvelous gift. We want them to appreciate the potential power and beauty of language as they read, write, listen, and speak. Since language, like other gifts from God, can be abused and debased by sinful human beings, we want our students to be challenged to use language as God intended: to convey truth, beauty, and love.

We believe that language is given to us to enrich our lives through the expression of thoughts, beliefs, and experiences--through both oral and written communication. It is essential that our students learn to read, listen and watch perceptively and discerningly. Learning to do so will give them greater understanding of and appreciation for not only God's own Word but also the writings of human authors.

Our students must study literature to grow in understanding themselves, other human beings, and the world God has placed them in. This study will also help our students become culturally literate as they discover Christianity's enormous influence on Western literature.

Our students must also learn to speak and write both clearly and gracefully. We believe that by developing their speaking and writing skills, our students will learn about the power of language and the responsibility in wielding it. It is our aim to teach them to write coherent, well-constructed sentences, paragraphs and essays. We also want to encourage them to develop whatever creative writing skills they may possess.

We want the English program to reflect Illiana's Christian philosophy as well as its high academic and ethical standards. We believe that the study of English is a significant component in our students' training and preparation for whatever role of service they may pursue. Thus, our overall objectives include the development of critical thinking skills, the improvement of both oral and written comprehension, and the development of fluency in expressing and communicating ideas.

As English teachers, we ourselves will make every effort to model a love for language and learning, and we will work to be effective writers and speakers ourselves. We especially want our students--with their variety of potential and abilities--to have ample practice to become effective readers, writers, listeners and speakers.

During their four years at Illiana, all students are required to take courses equivalent to 1 credit per year. Freshmen take English 1, sophomores take English 2, juniors take English 3, or Honors English 3. Seniors take English 4, or AP E. **Seniors who are considering attending a 4-year college and students interested in AP English are encouraged to take Honors English 3.**

ESSENTIAL ENGLISH

Course Length: 2 semesters

Credit: 1 (.5/semester)

Essential Course weighted 0.8

Grade Placement: Placed by the Department

Course Description:

Essential English classes provide curriculum content similar to that of the English classes for freshmen, sophomores, juniors, and seniors but at a pace appropriate for those placed in these classes by the English and the Student Services Departments. Although students receive full credit for these required classes, grades have 80% of the value of a standard class when calculating GPAs.

ENGLISH 1

Length of course: 2 semesters

Credit: 1 (.5/semester)

Grade Placement: 9 - required

Course Description:

This is a two-semester course. The first semester will cover writings from the textbook The Language of Literature, composition study based on the book *Winning Words*, and a three-week study of William Shakespeare's Romeo and Juliet. Students study narrative form in composition and speech of introduction and storytelling.

In the second semester, students will study more fiction from The Language of Literature. In addition, they will read two major dramas, Cyrano de Bergerac by Edmund Rostland and To Kill a Mockingbird by Harper Lee. Composition study will center on learning the basic expository essay.

ENGLISH 2

Length of course: 2 semesters Credit: 1 (.5/semester)
 Grade Placement: 10 - required

Course Description

During the year, students will study American Literature using The Language of Literature: American Literature. Students will begin their first semester study of literature by covering major authors prior to the Civil War, including Franklin, Irving, Cooper, Poe, Emerson, Thoreau, and Hawthorne. Students will also take time to study a Shakespeare play, either The Merchant of Venice or The Taming of the Shrew. Along with the study of literature, students will learn the basics of research writing and must write a research paper early in the semester.

In the second semester, sophomores continue their study of American Literature, reading works by authors from the Civil War to the present, authors such as Whitman, Twain, Hemingway, Faulkner, Frost, Miller, O'Neill and Updike. Composition instruction will focus on persuasive writing.

ENGLISH 3

Length of Course: 2 semesters Credit: 1 (.5/semester)
 Grade Placement: 11 – required

Course Description:

Using the text The Language of Literature: English Literature, students will begin their study of English literature. After becoming acquainted with the historical context in which the literature was produced, they study, during the first semester, poetry and prose from the Anglo-Saxon, Medieval, Renaissance, Puritan, Restoration, and Neoclassical periods. The selections include parts of Beowulf and Chaucer's Canterbury Tales, sonnets by Shakespeare and Donne, Macbeth, and excerpts from Milton's Paradise Lost, Bunyan's Pilgrim's Progress, and Swift's Gulliver's Travels. Composition will focus on interpretive essay and on persuasive research writing.

In the second semester, students will continue their study of English literature, reviewing selections from the Romantic period to the present, including writers such as Wordsworth, Coleridge, Tennyson, Hopkins, and T.S. Eliot. Composition instruction will cover the analytical essay and the formal explication of poetry.

HONORS ENGLISH 3

Length of Course: 2 semesters Credit: 1 (.5/semester) *Honors Course weighted (1.2)*
 Grade Placement: 11 – elective

Course Description:

This honors class is a prerequisite to anyone wishing to take AP English in the senior year.

This full year course includes an extensive grammar review, the study of writing and the writing of several short essays, a formal speech, a research paper, and a study of English literature from the Anglo-Saxon period to the present. In addition, the development of the student's vocabulary is emphasized.

Recommended for: All students who plan to attend a four-year liberal arts college.

All students who are planning on taking AP English in the senior year.

ENGLISH 4

Length of Course: 2 semesters Credit: 1 (.5/semester)
 Grade Placement: 12 – required

Course Description:

This senior English course concentrates on advanced approaches to process, narrative, argumentative, and analytical writing, which will be used in both college and the workplace. It also includes a review of research writing with an emphasis on writing such a paper in a nonacademic setting. Students will study world literature from the Ancient Greeks to the 18th century, Hamlet, and a unit on Christian discernment and the media.

ADVANCED PLACEMENT ENGLISH

Length of Course: 2 semesters Credit: 1 (.5/semester) *AP course weighted (1.4)*
 Grade Placement: 12—elective **SOME BOOKS TO BE PURCHASED**
 AP Exam Fee This course requires summer reading
Prerequisite: Honors English 3

Course Description

This advanced course will engage students in the careful reading and critical analysis of imaginative literature. Through the close reading of texts, students should deepen their understanding of the ways writers use language to provide both meaning and pleasure for their readers. As they read, students will consider a work's structure, style, and themes as well as such smaller scale elements as the use of figurative language, imagery, symbolism, and tone. Throughout the course, students will read seven to ten major works (novels or plays) as well as a number of short stories and poems. The goal of the course is to produce active and thoughtful readers as well as creative, clear, and cogent writers.

Recommended for: Students planning on attending a four-year college.

CREATIVE WRITING

Length of Course: 1 semester Credit: ½

Grade Placement: 10, 11, 12 - elective

Course Description:

This one semester elective course is designed to expose students to contemporary creative writing and to encourage the development of their talents in this field. Writing exercises focusing on description, story movement, voice, and metaphor will encourage growth in students' creativity and writing skills. The class will also examine how and why Christians should be involved in the arts. During the semester, every student will create a portfolio consisting of poetry and short stories.

Recommended for: Students planning to major in English and students interested in the field of writing

DRAMA

Length of course: 1 semester Credit: ½

Grade Placement: 10, 11, 12 – elective

Course Description:

This course will examine classical, medieval and contemporary drama. Hands on acting, directing, playwriting and designing will allow students to experience the art form. Students will also consider a Christian response to theater.

Recommended for: Students interested in a college major in drama, communications, education, English
Students with a career interest in acting, directing, writing, teaching, broadcast journalism

JOURNALISM

Length of course: 2 semesters Credit: 1

Grade Placement: 10, 11, 12 - elective

Course Description:

This course covers all the basics of journalism – interviewing, news writing, sports writing, opinion writing and feature writing. The materials include a textbook, workbook, newspapers, and movies. The curriculum includes assignments, story assignments, newspaper logs, quizzes and test. This course is designed for sophomores through seniors who want to improve their writing skills and become more involved in the school.

HONORS JOURNALISM

Length of course: 2 semesters Credit: 1

Honors Course weighted (1.2)

Grade Placement: After completion of Journalism I

Course Description:

A second and third year course for students on the editorial staff of the school paper. These students will continue to develop their journalism skills, explore the areas of blogging, websites, layout and editing, and publish the school newspaper on a monthly basis. This course also calls for newspaper logs, quizzes, tests as well and layout and website assignments. (*Upon approval)

MATHEMATICS DEPARTMENT

The courses offered by the mathematics department help Illiana Christian students to live the Christian life by:

1. Giving them an opportunity to develop a language, a set of symbols or tools for functioning competently in God's kingdom as a child of God and as a citizen of the world.
2. Giving them an opportunity to develop problem-solving techniques, since problem-solving is an integral part of subduing the earth. This involves problem recognition arising out of curiosity as well as a language for analyzing and synthesizing data and communicating results and making decisions.
3. Giving them an opportunity to develop different modes of thinking from the intuitive to the inductive to the deductive.
4. Helping them to see the magnificence of God's creation with its perfect order which gives rise to man's ability to be orderly in his thinking and working. This ability helps one discover much about one's self, others, and especially about God.
5. Helping them to see the many forms, shapes, symmetries and designs inherent in creation which men have studied and found aesthetically pleasing as well as useful in much of the world's work.
6. Helping them to exercise the logic that is necessary for assembling a convincing proof which is the basis for any kind of convincing argument.
7. Showing them the necessity for precision and accuracy in dealing with facts and data for arriving at meaningful conclusions.
8. Developing a subject day by day with a regular, orderly systematic approach emphasizing rigor and discipline, quality performance, and responsible work habits.
9. Developing a subject where knowledge and proficiency may open doors of opportunity in the natural sciences, social sciences, business world, industry and technology and many vocations and professions where one can find a place to serve God and man.
10. Showing them that by working with numbers, patterns, shapes, and forms of different dimensions one can find satisfaction and accomplishment in thinking through a problem and finding answers.
11. Using technology responsibly by developing proficiency in the use of graphing calculators to aid in problem solving.
12. Satisfying the different needs and abilities of students by offering courses at various levels of depth and difficulty.

All students are required to pass three units (3 full-year courses) to meet the math graduation requirement. (Most four-year colleges require successful completion of three (3) years of high school math.) Freshmen are assigned to one of the following tracks by the counselors and math department on the basis of junior high performance and confirmed by the NWEA Map assessment test.

MATH COURSE SEQUENCES

	ESSENTIAL	STANDARD	HONORS
FRESHMEN Required	Essential Algebra I 201/202	Algebra I 211/212	Honors Geometry 217/218
SOPHOMORES Required	Essential Geometry 221/222	Geometry 225/226	Honors Algebra II 235/236
JUNIORS Required	Essential Algebra II 227/228	Algebra II 231/232	Honors Precalculus 241/242
SENIORS Electives	Algebra II 231/232	Precalculus 245/246	AP Calculus 251/252

ESSENTIAL ALGEBRA I

Length of Course: 2 semesters

Credit: 1 (.5/semester)

Essential Course weighted (0.8)

Grade Placement: 9 - Placed by the Department

Course Description

Essential Algebra I, 201/202, is a slower paced version of Algebra I. It is for selected students who have experienced difficulty with mathematics in previous courses. A scientific calculator is required.

ALGEBRA I

Length of Course: 2 semesters Credit: 1 (.5/semester)
 Grade Placement: 9 (required)

Course Description:

Algebra I is an extension of arithmetic, generalized by the use of letters as variables to represent numbers in equations. Emphasis is placed on translating mathematical relations into various forms of open sentences (equations and inequalities) and finding ways to solve and interpret them. A scientific calculator is required.

HONORS GEOMETRY

Length of Course: 2 semesters Credit: 1 (.5/semester) *Honors Course weighted (1.2)*
 Grade Placement: 9, 10, (elective)
Prerequisite: Minimum grade of "B" in Algebra I

Course Description:

The math department determines enrollment in this course. It is intended for students who have demonstrated a high level of achievement and understanding in Algebra I and who can profit by an accelerated pace and greater depth of material. The course seeks to develop a familiarity with common geometric figures, the ability to think inductively to discover relationships in geometry, and the ability to think deductively and use definitions and theorems to write proofs. Connections are made to algebra and to real-world applications. A scientific calculator is required.

ESSENTIAL GEOMETRY

Length of Course: 2 semesters Credit: 1 (.5/semester) *Essential Course weighted (0.8)*
 Grade Placement: 10 – Placed by the Department
Prerequisite: Minimum grade of "D-" in Algebra I or Essential Algebra I

Course Description:

This course develops geometry through an intuitive approach using hands on activities and visualization exercises. Although the writing of formal proofs is de-emphasized, the communication of proofs through discussion and other activities is encouraged. Connections are made to Algebra and to real-world applications as well. A scientific calculator is required.

GEOMETRY

Length of Course: 2 semesters Credit: 1 (.5/semester)
 Grade Placement: 10 – required
Prerequisite: Minimum grade of "C-" in Algebra I

Course Description:

This course is designed to follow Algebra I, which is a prerequisite. The course seeks to develop in the students: a familiarity with common geometric figures, the ability to construct and measure them, the ability to think inductively and discover the relationships between various sets of points, the ability to think deductively and use the rules of reasoning and precise language to write proofs. Connections are made to algebra and to real-world applications as well. Graphing calculators are occasionally used for visualization purposes. A scientific calculator is required.

ESSENTIAL ALGEBRA II

Length of Course: 2 semesters Credit: 1 (.5/semester) *Essential course weighted (0.8)*
 Grade Placement: 11, 12 – required
Prerequisite: Minimum grade of "C-" in Essential Algebra I
 Minimum grade of "C-" in Essential Geometry

Course Description:

This course is the 3rd year math course for students in the essential math program. Course content will include equations, functions, graphing, trigonometry, sequences and series. A scientific calculator is required.

Recommended for: Community College entrance

ALGEBRA II

Length of Course: 2 semesters Credit: 1 (.5/semester)
 Grade Placement: 10, 11, 12 - required
Prerequisite: Minimum grade of "C" in Algebra I
 Minimum grade of "C" in Geometry

Course Description:

Algebra II develops the real number system of rationales and irrationals and the complex number system. Various problem-solving techniques are studied using variables and equations. This is essential for Chemistry. Graphing methods are used to relate geometry to the study of numbers, and many geometric figures are studied through algebraic methods. Trigonometry is introduced in preparation for physics. A scientific calculator is required and a graphing calculator is recommended.

Recommended for: College entrance

HONORS ALGEBRA II

Length of Course: 2 semesters Credit: 1 (.5/semester) *Honors course weighted (1.2)*
 Grade Placement: 10, 11, 12 - elective
Prerequisite: Minimum grade of "B" in Algebra I
 Minimum grade of "B" in Honors Geometry

Course Description:

The math department determines enrollment in this course. The course develops the real and complex number systems. Through the use of variables and equations various problem-solving techniques are studied. Graphing methods are studied extensively. Geometric figures are studied with algebra methods. Trigonometry, logarithms, and sequences and series are studied. A graphing calculator is required.

Recommended for: College entrance

PRECALCULUS

Length of Course: 2 semesters Credit: 1 (.5/semester)
 Grade Placement: 11-required, 12 - elective
Prerequisite: Minimum grade of "C" in Geometry
 Minimum grade of "C" in Algebra II

Course Description:

This course will expand on Algebra II skills through an extensive study of equations and functions including polynomial, rational, exponential, logarithmic, and trigonometric functions and applications. Also included will be sequences and series. A graphing calculator is required.

Recommended for: College majors in business, nursing, and technology

HONORS PRECALCULUS

Length of course: 2 semesters Credit: 1 (.5/semester) *Honors course weighted (1.2)*
 Grade Placement: 11, 12 - elective
Prerequisite: Minimum grade of "B-" in Honors Geometry
 Minimum grade of "B-" in Honors Algebra II

Course Description:

Honors Precalculus is offered to students who enjoy solving problems and who need sufficient background in mathematics for future courses of study in college. The emphasis of the course is definitely pre-college and pre-calculus since calculus is the usual first year course in college mathematics. The basis for the course is analytic geometry and an extensive study of functions. In particular the course covers polynomial, rational, exponential, logarithmic and trigonometric functions. Included is a development of complex numbers and an introduction to the fundamental ideas of calculus. A graphing calculator is required.

Recommended for: College majors in business, mathematics, sciences, and engineering and technology.

ADVANCED PLACEMENT CALCULUS

Length of Course: 2 semesters Credit: 1 (.5/semester) *AP course weighted (1.4)*
 Grade Placement: 12 - elective
 AP Exam fee
Prerequisite: Minimum grade of "B-" in Honors Precalculus

Course Description:

AP Calculus is a college level calculus course. The focus of AP Calculus is functions, graphs, limits, derivatives, integrals and their applications. The course covers all topics as outlined in the course description for Advanced Placement Calculus AB published by the College Entrance Examination Board. Advanced Placement in college and/or college credit may be earned by receiving a sufficiently high score on the national advanced placement exam given in May of each year. A graphing calculator is required.

Recommended for: College majors in mathematics, sciences, and engineering

STATISTICS

Length of Course: 2 semesters Credit: 1 (.5/semester)
 Grade Placement: 11, 12 – elective
Prerequisite: Algebra 2

Course Description:

This course is an introduction to the field of statistics. Students will develop the tools and critical thinking skills needed to analyze and produce data. They will also be able to use their knowledge of statistics to describe and understand the world around us.

Recommended for: College and non-college bound students in business, education, health, government service and social work.

U.S. HISTORY

Length of course: 2 semesters Credit: 1 (.5/semester)
 Grade Placement: 11 - required

Course Description:

If we are to fulfill the purpose of our lives as Christians, we must understand the world in which God has placed us. Understanding the history of the United States helps to shed light on the cultural, social, economic, and political aspects of our society by tracing its development from our founding as a nation to the present scene. The materials used will be a textbook, original documents, readings from a variety of historians, and some audio visual aids. Class time will be devoted primarily to student discussion, lecture and historical research. The course will be divided chronologically into four periods (one each nine weeks): Growth and Development of the Nation, Civil War to 1900, 1900 through 1930, and 1930 to the present.

HONORS U.S. HISTORY

Length of course: 2 semesters Credit: 1.0 plus 3 hrs. college credit
 Grade Placement: 11 or 12 (This course can be used to meet the requirement for U.S. History)
 (additional \$300 fee for this course)

Course Description:

This course, addressing the entire span of U.S. history, involves relatively more reading than the required U.S History course for juniors. Students will also receive 3 hours of credit from Colorado Christian University which may be transferred to other colleges. As an Honors class, the grade will be weighted 20% more than a non-honors class. The course can also be taken as an elective by any junior or senior providing they meet the prerequisite of a 3.3 GPA or a 3.0 with instructor approval.

INTERNATIONAL RELATIONS

Length of Course: 1 semester Credit: ½
 Grade Placement: 12 - required

Course Description:

This course focuses on current international events and their effects upon the United States. Students will be confronted with the growing interrelatedness of the world in which they live and the challenge that this presents for them as representatives of God's Kingdom in this world. Geographic, political and economic principles will be studied in the context of the events of today's world. Topics such as world trade, American foreign policy, resources of nations, and introductions to political science and map skills will be covered. A current weekly news magazine will be used on a regular basis as well as videotapes and lectures.

LOCAL HISTORY

Length of Course: 1 semester Credit: ½
 Grade Placement: 11, 12 - elective

Course Description:

This course is an elective offered to juniors and seniors. It will incorporate various research techniques including interviews and on site observations. Much of the course will be experiential in nature. Some of the topics covered are: Geography and geological history of the region, the history of Illiana Christian, pioneer history of the Midwest and the history of Chicago through the 1900's.

SOCIOLOGY

Length of Course: 1 semester Credit: ½
 Grade Placement: 11, 12 - elective

Course Description:

Sociology is the study of human interaction and social organization. It is concerned chiefly with the way people conduct themselves in their varied associations such as: family, church, school and community. We talk about how we as Christian are to live, act, and serve in this society and make a difference in this culture. This is not a college prep course but is a survey designed to acquaint the student with the subject of sociology.

PSYCHOLOGY

Length of Course: 1 semester Credit: ½
 Grade Placement: 11, 12 - elective

Course Description:

The focus in this course will be directed toward: 1) helping the student gain understanding of the field of psychology, 2) giving the student some insight into personal problems of adjustment. Consideration will be given to learning theories, understanding human behavior, behavior patterns, and mental health. Included in these areas will be related activities and projects. This is an elective course open to juniors and seniors.

ADVANCED PLACEMENT GOVERNMENT

Length of course: 2 semesters

Credit: 1

AP course weighted (1.4)

Grade Placement: 11, 12 elective

AP exam fee

This course requires summer reading

Prerequisite: High achievement in previous social studies classes

Course Description:

This course will involve both the study of general concepts used to interpret U.S. politics and the analysis of specific events. It will also require familiarity with the various institutions, groups, beliefs, and ideas that make up the American political scene. Through an examination of the philosophical basis of our constitutional system, students will be challenged to develop a Christian perspective of government and citizenship.

The course focus will be placed on the national level, with a brief examination of the states and how they function within the federal system, as well as how their governments differ from the national government. The AP Government course is taught year round with a special concentration on student preparation for the AP exam taken in the spring.

Science includes a number of disciplines seeking to understand the natural world that God created. Because it is God's created world, we recognize the sovereignty of God and His Lordship over all of creation. He has revealed Himself to us in the world around us. Therefore, as we study and learn about this natural world, we honor and glorify God.

This has a number of implications for the teaching of the sciences:

1. Looking at the organization of atoms and elements, the cycles that are found in the study of plants and animals, the interaction between the body systems, and orderliness of the planets illustrate to us God's creative power.
2. The teaching of the fundamentals (tools) of science is necessary for students to work toward the achievement of the Biblical mandate to "subdue the earth."
3. Through the discipline of the sciences, students should learn proper attitudes toward God's world, recognizing that we are to be stewards of it. We are required to take care of this world properly and not misuse it.
4. With the knowledge that God is the Creator of the universe, we can and must rule out all philosophies that deny the existence and sustaining power of God in His creation. This would rule out evolutionary philosophies that say that the world has simply come about by chance and that it is subject to the dictates of random events.
5. As new techniques, procedures, and findings occur, they must be evaluated in the light of Biblical principles. Since God is Lord over all of creation, what He says through His Word and through His general revelation must be used as a benchmark against which all else must be measured.

All students are required to earn three credits in science for graduation.

ESSENTIAL PHYSICAL SCIENCE

Length of course: 2 semesters

Credit: 1 (.5/semester)

Essential course weighted (0.8)

Grade Placement: 9 – placed by department

Course Description:

This course is designed for students who struggle with science and may learn better at a slower pace. Students will be placed in this course based on test scores and recommendations from junior high teachers. The main topics and concepts of the physical sciences will be covered in this course. These include matter, elements, motion, forces, light, energy, and electricity.

PHYSICAL SCIENCE

Length of course: 2 semesters

Credit: 1 (.5/semester)

Grade Placement: 9

Course Description:

This course is designed to give students an introduction to high school physics and chemistry. Following the order of complexity, the first semester will introduce students to concepts of the scientific method, experimental design, speed, velocity, mass vs. weight, friction, Newton's Laws, atoms & particle physics, work, energy & power. The second semester will introduce students to the concepts of states of matter, changes of state and heat energy, atoms, elements and the periodic table, acids and bases and salts, chemical reactions, compounds and formulas.

HONORS BIOLOGY

Length of Course: 2 semesters

Credit: 1 (.5/semester)

Honors Course Weighted (1.2)

Grade Placement 9 – elective

Prerequisite: Recommendation from Junior High teachers. The results of the NWEA Map assessment Test are also used for placement.

Course Description:

This course is a special course designed for high-ability freshmen. Honors Biology is intended for incoming freshmen that have a high interest in and an aptitude for science. Selection is based on several items including junior high school test scores and junior high school recommendations.

The course work will include units of study in molecular biology, cellular biology, genetics, reproduction and development, microbiology, plants, and animals. The course will move at a faster pace and will have higher student performance expectations. An insect collection will be required in the fall which students should begin preparation for in the summer.

ESSENTIAL BIOLOGY

Length of Course: 2 semesters

Credit: 1 (.5/semester)

Essential course weighted (0.8)

Grade Placement: 10 - placed by department

Course Description:

This course is designed for students who may struggle academically and therefore may learn better at a slower pace. Students will be placed in this course based on their previous performance. The topics covered in this course will be the same as that in Biology.

BIOLOGY

Length of Course: 2 semesters

Credit: 1 (.5/semester)

Grade Placement: 10 - required

Course Description:

In Biology, students study and learn about living things and how they relate to each other and their environment. Topics covered are scientific processes, basic chemistry of water and biological molecules, biochemistry of energy acquisition and utilization, cell structure and function, cell growth and division, genetics, evolution, human reproduction, circulation, respiration, digestion, and excretory systems.

The class consists of lecture-classroom discussion format supplemented by homework, labs, videos, and projects. Students are required to complete most of the reading outside of class.

ESSENTIAL EARTH SCIENCE

Length of Course: 2 semesters

Credit: 1 (.5/semester)

Essential course weighted (0.8)

Grade placement: 11, 12 -- placed by department

Prerequisite: Essential Physical Science

Course Description:

This course is intended to be the third year of essential science for those who struggle with science and may learn better at a slower pace. Students will be placed in this course based on their previous performance. The main topics and concepts of the Earth Sciences will be covered in this course including oceanography, geology, meteorology, astronomy, and environmental science along with the laws, policies, and Christian ethics of environmental issues.

EARTH SCIENCE I

Length of Course: 1 semester

Credit: ½

Grade Placement: 11, 12 – elective

Prerequisite: Biology

Course Description:

Earth Science consists of topics in oceanography and geology. A variety of teaching methods is used to present these topics including lecture, class discussion, audio-visual, and laboratory activities. Homework and/or readings should be expected daily.

EARTH SCIENCE II

Length of Course: 1 semester

Credit: ½

Grade Placement: 11, 12 – elective

Prerequisite: Biology

Course Description:

Environmental science is a one-semester course dealing with the basic principles of the environment and the many environmental concerns that exist today. The course will include discussion of laws, politics and Christian ethics as they apply to environmental issues. Meteorology and astronomy will also be covered. Teaching strategies will include lecture, discussion, audio-visual and laboratory activities. Homework and/or readings should be expected daily.

HONORS CHEMISTRY

Length of Course: 2 semesters

Credit: 1 (.5/semester)

Honors Course Weighted (1.2)

Grade Placement: 10, 11, 12 - elective

Prerequisites: Minimum grade of “B” in Algebra I

Completion of Honors Biology

Minimum grade of “B” in Biology or recommendation of biology teacher

Course Description:

See Chemistry

Some material is added and the class moves at a faster pace.

Recommended for: Students planning on taking AP Chemistry

Students planning on a math or science major in college

CHEMISTRY

Length of Course: 2 semesters Credit: 1 (.5/semester)

Grade Placement: 11, 12 – elective

Prerequisite: Successful completion of Algebra I and Biology

Course Description:

One of the major objectives of this course is to show that chemistry is a dynamic science, which can arouse your interest, stimulate you to think, and gain new insights about the created world around you. Another major objective is to learn the principles and facts of chemistry so that you are able to understand many common phenomena. Basic chemical mathematics is used to equip students for additional chemistry courses in college.

Recommended for: Students planning on attending a four-year college, especially majoring in math, science or related major.

HUMAN PHYSIOLOGY

Length of Course: 1 semester Credit: ½

Grade Placement: 11, 12 - elective

Prerequisite: Biology

Course Description:

This is a one-semester course in which the structure and functions of the human body, disease, and defects are studied. This course is beneficial for the student concerned with health, for those interested in the medical field, a career in biology, and also provides practical knowledge about one's body.

Recommended for: Students planning on going into the medical field or an allied health profession.

Students interested in a career in biology, education or have an interest in this area.

ZOOLOGY/BOTANY

Length of Course: 1 semester Credit: ½

Grade Placement: 11, 12 – elective

Prerequisite: Biology

Course Description:

Zoology/Botany is a one-semester course, with botany offered one nine weeks and zoology the other nine weeks. Zoology covers the animal kingdom in more detail than the course in biology does. Class instruction includes animal dissection. Botany considers not only the structure and function of plants but also a survey of the kinds and groups of plants in the world today.

Recommended for: Students interested in a college major of biology, especially those interested in plants and animals

Students with a general interest in the field of biology

PHYSICS

Length of course: 2 semesters Credit: 1 (.5/semester)

Grade Placement: 11, 12 – elective

Course Description:

Physics is an activity-oriented course specifically designed for students who wish to gain a better understanding of the physical principles and laws of creation. This course will be highly demonstrative and activity orientated. The concepts of motion, Newton's Laws, force momentum, energy, electricity, waves, sound, and light will be studied. The student will be required to have a general knowledge of Algebra 1 and graphing techniques. The student must be able to solve simple single unknown equations, but no trigonometry or Algebra 2 techniques are required. This course is an elective for juniors and seniors.

HONORS PHYSICS

Length of course: 2 semesters Credit: 1 (.5/semester)

Honors Course Weighted (1.2)

Grade Placement: 11, 12 – elective

Prerequisite: Minimum grade of “B-“in Algebra II or instructor consent

Course Description:

Honors Physics is lecture/laboratory course including topics such as force, motion, velocity, wave motion, electro-magnetic radiation, light, and electricity with an emphasis on mathematical relationships. The student must be able to understand simple trigonometry and geometric relationships. The Texas Instruments TI-82 and computer applications will be used for graphical applications. Chemistry is recommended as a prerequisite (although not required).

Recommended for: Students interested in a medical career, architecture, engineering, physics, or mathematics

ADVANCED PLACEMENT CHEMISTRY

Length of Course: 2 semesters

Credit: 1 (.5/semester)

AP Course weighted (1.4)

Grade Placement: 11, 12

AP exam fee

Prerequisite: Minimum grade of “B-” in Honors Chemistry and Honors Physics or instructor consent.

Course Description:

Advanced Placement Chemistry is a second year of chemistry for students who have taken Honors Chemistry and Honors Physics (or plan to) and wish to delve into this field to a depth that is equivalent to a college freshman chemistry course. It provides the student with the opportunity to investigate the basic areas of chemistry to a more comprehensive level. The laboratory experience will enhance the topics discussed in class and will lead to a fuller appreciation of those topics. A primary goal of the course will be to prepare the student for the *Advanced* Placement exam given in May. Results for this exam determine whether the student can obtain college credit for this course.

ADVANCED BIOLOGY

Length of course: 2 semesters

Credit: 1 (.5/semester)

Honors weighted (1.2) + 4 hrs. college credit

Grade Placement: 11, 12

Prerequisite: teacher’s approval, minimum of B- in honors biology (additional \$400 fee for this course)

Course Description:

This course provides an introduction to biological principles and processes common to living organisms. Topics covered include basic cell biology, biochemistry, photosynthesis, respiration, cell division, gene regulation, and principles of genetics and evolution. This course includes a lab component. The course is designed for Biology majors and minors and is not recommended for students desiring to complete an education requirement.

A major objective of the course is to equip students to excel at the blending of science and faith. After group discussions on science and faith, students will write a paper expressing their point of view on an intersection point including origins, biotechnology, cloning, human embryonic stem cells, and the environment.

BUSINESS DEPARTMENT

The world is one of limited resources and unlimited wants or desires. The conflict that results forces all people to make choices. In the area of Christian business education, we want to help young people realize that God will judge the choices they make. We must make our economic decisions from a Christian perspective. We want to look at that Christian perspective from two points of view. As Christians living in an organized economic system, we function in the roles of a consumer or user of goods and services and as a worker or producer of goods and services.

What responsibilities do we have as a Christian consumer? All of us are consumers if only to satisfy our basic needs of food, clothing, and shelter. We need to realize that all things come from God. We must use or consume what God has provided in such a way to honor and glorify Him. Our money as well as the products and services we enjoy have all been provided by God. We, therefore, have a responsibility and a duty to express our gratitude for all He has given.

As Christians we confess that Christ is Lord of our life. Christ is Lord of our financial life as well as our spiritual life. Christian principles of stewardship, honesty, fairness, and truthfulness must influence our choices as a Christian consumer.

What responsibilities do we have as a Christian worker or producer? God's first mandate to man was to subdue the earth and have dominion over it. We are commanded to work and develop the abilities and knowledge God has given us. The Christian's approach to work should be one of respect for its dignity. He should look upon his job not only as a means of earning a living but also as a way by which he may glorify God and serve his fellow man. You do not have to conform to the world to be a success in the business world. The faculty in this department acknowledges that we are called to walk the Christian life every day.

In the area of Christian business education, we try to increase our students' awareness of the above responsibilities they have as Christian consumers and Christian producers. We are to use the abilities and tools, including computers, God has given us for His honor and glory. We live in a global information age that affects us in our role as producer and consumer. Computers and information technology are some of the tools God has given us to use as we make our economic decisions. God will judge the ethics we follow and the choices we make in using what God has provided. Our goal is to create an awareness that our economic choices must be from a Christian perspective.

The mission of the Business Department:

- 1) To educate and train our students within the Reformed Christian perspective, so they may recognize the Lordship of Christ in all areas of life, including their education and the choice of a professional career;
- 2) To assist our students in identifying the responsibilities they have as stewards of the talents and abilities God has given them to be used in their education and/or chosen career;
- 3) To provide an academic environment that will allow students to explore the world of technology and business;
- 4) To educate students how to make responsible choices regarding their future.

Computer Skills I is required for all freshmen and Economics is required as a junior or senior. All other courses are electives.

Freshmen	Sophomore	Junior	Senior
<i>Computer Skills I*</i>	Business Communications Computer Skills II Desktop Publishing Note Taking & Study Skills Web Applications	Business Communications Business Law Business Math Computer Skills II <i>Economics*</i> Desktop Publishing Economic Theory Note Taking & Study Skills Web Applications	Accounting Business Communications Business Law Business Math Business Procedures Computer Skills II <i>Economics*</i> Consumer Economics 2 Desktop Publishing Economic Theory Note Taking & Study Skills Web Applications
<i>*required</i>			

COMPUTER SKILLS I

Length of Course: 1 semester

Credit: ½

Grade Placement: 9 - required

Course Description:

This is a one-semester course required of all freshmen. The content of the course will start with a quick review of the keyboard and its functions. Various types of business correspondence, the basics of some of the Microsoft Office Suite program, and an internet use/safety unit will be covered. The course will conclude with an integrated problem utilizing students' Word, Power Point, Excel and internet skills. Google apps will also be taught. Upon completion of the course, students should also have increased skills in speed, accuracy, and proofreading.

COMPUTER SKILLS 2

Length of Course: 1 semester

Credit: ½

Grade Placement: 10, 11, 12 – elective

Prerequisite: Minimum grade of "C" in Computer Skills I or instructor approval

Course Description:

This is a one-semester course offered to students who want to learn advanced principles of Word, Excel, PowerPoint, and Google apps. Documents and projects will be completed including integrated assignments using the students' word processing, spreadsheet, and presentation skills. Higher levels of speed, accuracy, and proofreading are achieved.

NOTETAKING/STUDY SKILLS

Length of Course: 1 semester

Credit: ½

Grade Placement: 10, 11, 12 – elective

Course Description:

This is a one-semester course designed for students (especially college-bound students) seeking to improve their listening, note taking, time management, study, and test taking skills. Students will be able to take notes quickly and accurately as well as improve the way they study, use their time both in and out of school, and get ready for and take tests both while at Illiana and post high school. Superwrite, a writing system based primarily on longhand and secondarily on phonetics, is used in teaching speedwriting skills.

BUSINESS MATHEMATICS

Length of Course: 1 semester

Credit: ½

Grade Placement: 11, 12 – elective

Course Description:

This is a one-semester course open to all juniors and seniors. It does not satisfy a mathematical course requirement. The mathematics of this course is business oriented. Studies in fractions, percentages, interest, installment buying, commissions, borrowing money, and savings accounts are covered. Students are evaluated on daily assignments, quizzes, and tests.

ECONOMICS 1

Length of Course: 1 semester

Credit: ½

Grade Placement: 11, 12 – required

Course Description:

This is a one-semester course required for juniors or seniors. Although some time is spent discussing the U.S. economic system, most of the semester is spent studying the various aspects of economics for each of us as individuals, i.e. consumers. Some of the topics studied are borrowing, spending, saving, and investing. This course is designed to study and discuss subjects that everyone will experience during their lives. With the many different topics discussed, students will hear and be challenged to develop a Christian perspective they will demonstrate in their future.

CONSUMER ECONOMICS 2

Length of Course: 1 semester

Credit: ½

Grade Placement: 11, 12 –elective

Prerequisite requirement: Economics

Course Description:

This is a one-semester course taken during the junior or senior year. Understand that Economics is a prerequisite. The intent of this course is to cover topics not covered in the first course and to go more in depth on a few other topics, namely insurance, investing, and budgeting.

In the area of insurance we will be discussing property and liability, health and life, and retirement planning. In the realm of investing we spend additional time talking about the stock market and also discuss the bond, mutual fund, and real estate markets. Regarding budgeting we will spend time discussing the advice of Dave Ramsey including DVD presentation and workbook. Realize that these varied subjects will be taught with a Christian perspective.

ECONOMIC THEORY

Length of Course: 1 semester Credit: ½

Grade Placement: 11, 12 –elective

Course Description:

This is a one-semester course for juniors or seniors. It should be taken only by college-bound students and is designed to give those students an understanding of basic economic principles. The purpose of this course is to prepare students who will be taking an economic course in college as either a business major or satisfy a social science requirement. Both microeconomic and macroeconomic theory will be studied including such topics as the American market system, monetary and fiscal policy, unemployment, inflation, and economic growth. Students will be asked to apply Christian principles and attitudes in different areas of economics including the private and public sector and U.S. foreign policy.

BUSINESS COMMUNICATIONS

Length of Course: 1 semester Credit: ½

Grade Placement: 10, 11, 12 – elective

Prerequisite: Minimum grade of “C” in Computer Skills I or instructor approval

Course Description

This is a one-semester course for sophomores, juniors, or seniors. The course is designed to equip students with the communication tools needed for success in today’s rapidly changing global business environment. Various topics covering a wide range of business communications include listening, speaking and making presentations, business ethics, technology and communication, writing business correspondence (letters, memos, e-mails, reports), communication etiquette, telephone etiquette, non-verbal communication, communication and diversity, employment communication (resumes/interviews) and business grammar. The students will also be challenged to examine their role as a Christian in the workplace and how that affects the ways and methods utilized in communicating with others.

DESKTOP PUBLISHING

Length of Course: 1 semester Credit: ½

Grade Placement: 10, 11, 12 – elective

Prerequisite: Minimum grade of “C” in Computer Skills I or instructor approval

Course Description:

This is a one-semester course for sophomores, juniors, or seniors. Computer Skills I is a prerequisite. The course is designed for anyone who wants to learn design principles and desktop publishing (DTP) concepts. Adobe InDesign, a layout program and Adobe Photoshop, an image-editing program, will be the software used. Skills will be presented step by step using a hands-on approach.

BUSINESS PROCEDURES

Length of Course: 1 or 2 semesters Credit: 1 (.5/semester)

Grade Placement: 12 – elective

Prerequisite: Minimum grade of “C” in Computer Skills I or instructor approval

Course Description:

This is a senior course for those interested in going into the business field or seeking to develop advanced skills in using the internet, word processing, data processing, using spreadsheets, creating presentations, job interviewing, resume writing, etc. The purpose of the 1st semester is to provide students with exposure to basic business competencies and develop an understanding of our role as Christians in the work world and why we don’t have to conform to the world to be a success in business. A job unit is also covered where students create resumes, letters of application, and go on mock interviews.

The second semester includes a 3-week internship at a local business to give students “real-life” experiences and also includes a field trip downtown Chicago to visit various businesses. This semester also allows students to set up their own individualized programs. In addition to the three-week internship, they can choose from areas such as Intro/Advanced Word, Excel, Access, Power Point, Publisher, Google apps, Internet projects, simulations utilizing learned software, desktop publishing, adding machines, dictation/transcription, proofreading/editing and records management. Proper attitudes and work habits are developed and an emphasis is placed on developing critical thinking skills and decision making.

ACCOUNTING

Length of Course: 2 semesters Credit: 1 (.5/semester)

Grade Placement: 12 – elective

Course Description:

This is a full-year course for seniors and required for all business students. The content and organization is especially designed to provide general vocational preparation for business. It also meets the needs of those students who wish to use their bookkeeping knowledge to help them in keeping systematic household records or in securing a position as a bookkeeper, a bookkeeping clerk, an accounting clerk, or some other type of job where some phase of bookkeeping or accounting will be a major part of their duties. Students will be challenged to develop Christian ethics and integrity in accounting methods.

BUSINESS LAW

Length of Course: 1 semester

Credit: ½

Grade Placement: 11, 12 – elective

Course Description:

This is a one-semester course for juniors or seniors. Business law is a course dealing primarily with the application of legal principles and procedures to the personal business problems of the individual. It also promotes an understanding of laws which regulate the total economy and which affect the individual as a producer-consumer. Students should acquire a greater appreciation for how the law for Christians encompasses far more than for non-Christians.

WEB APPLICATIONS & CODING

Length of Course: 1 semester

Credit: ½

Grade Placement: 10 (with approval), 11, 12 – elective

Prerequisite: Minimum grade of “C” in Computer Skills I or instructor approval

Course Description:

The Internet has become an indispensable tool for business and other professions. The World Wide Web has grown beyond all expectations. Schools, businesses, and the computing industry all are taking advantage of this new way of delivering information. Web pages do not just happen. Someone must create and manage them. This course will show you how to create Web pages. You will be exposed to common Web page formats and functions. This course is an elective for juniors, seniors, and selected sophomores who have logical thinking skills and want to learn about Web design.

FOREIGN LANGUAGE DEPARTMENT

The Department of Foreign Languages views both the universal phenomenon of human language and all forms of such language as uniquely human gifts bestowed by God, Himself the Eternal Word. As a means of verbal communication among persons language is a central component in bearing the image of God, and as such is central to the Christian school curriculum. In its marvelous diversity language reflects the awesome limitlessness of the Creator. In the disharmony, alienation, and strife resultant from linguistic divergence is evident something of the evil in the human heart which would on its own corrupt and turn to ill even one of its own richest blessings. The major purpose of secondary instruction in foreign language is to uncover in and for students a sense of the cultural/linguistic riches and power at work in humankind and to develop a sense of stewardly obligation to use these gifts appropriately.

Illiana Christian has no foreign language requirements for graduation but offers both German and Spanish language study. Two years of a foreign language is often equal to one college year. Many colleges administer a foreign language entrance test to determine the level of entry into foreign language class.

GERMAN

GERMAN I

Length of Course: 2 semesters Credit: 1 (.5/semester)

Grade Placement: Open to all grades

Course Description

This course is an introduction to the German language. It is designed to help students understand spoken German, speaking using pronunciation acceptable to a native speaker of German, read, and write using various grammatical patterns correctly. Much work is done orally in the class. Students are rated on oral work as well as on quizzes, unit tests, and daily assignments.

GERMAN II

Length of course: 2 semesters Credit: 1 (.5/semester)

Grade Placement: Open to all grades

Prerequisite: Minimum grade of "C-" in German I

Course Description:

This is a continuation of German I. Its aims and goals are: understanding, speaking, reading, and writing at a more advanced level than that of German I. More emphasis is put on reading and speaking.

HONORS GERMAN III

Length of Course: 2 semesters Credit: 1 (.5/semester)

Honors Course Weighted (1.2)

Grade Placement: After completion of German I and II

Prerequisite: Minimum grade of "C" in German II

Course Description:

This course uses and develops further the skills learned in German I and II. It aims at increasing the student's conversational ability, his ability to read German literature, his ability to write in German and his awareness of German culture.

ADVANCED PLACEMENT GERMAN

Length of Course: 2 semesters Credit: 1 (.5/semester)

AP Course Weighted (1.4)

Grade Placement: After completion of Honors German III

Prerequisite: Minimum grade of "B-" in Honors German III

AP exam fee

Course Description:

Advanced Placement German is Level 4 in the German program. It is designed to prepare students for the AP German test. The course emphasizes the four language skills of speaking, listening, writing and reading comprehension. It uses a college level grammar text for grammar review as well as reading and writing exercises. It also incorporates literature, weekly news from Germany, and original material (such as films, speeches, etc.) from other sources.

FINE ARTS DEPARTMENT

MUSIC

Glorifying God through music is important for every student at ICHS. In Genesis 1:28 we are commanded to subdue the Earth. This implies that all areas of human endeavor should come under Christ's domination. Students who attend Illiana Christian should see the glory of God in the Arts as well as all other areas of the curriculum. Students should see their talents as gifts of God, to be used for his glory, not just for entertainment, self-gratification, or any other reason.

The curriculum in the Music Department is designed to help the students become the musicians God intends them to be. Students will be given skills of musicianship, vocal and instrumental technique, and interpretation to glorify God throughout their adult life, thus enriching the Christian community.

In the Music Department, individual skills are augmented with group dynamics. The bands and choirs are specialized communities within the Christian academic community. Students will be taught to have a responsible attitude toward other musicians, contributing their own talents to the good of the group. This includes musicianship, behavior towards others, a sense of responsibility toward the group and its objectives, and faithful attendance at all concerts.

Graduation requirements: Band, Orchestra or Choir (one year) or Art (one semester)

When a student is in both band and choir during the same year, he shall receive full credit for both but only one credit per year shall be counted toward the 24 credits needed for graduation.

CONCERT CHOIR

Length of Course: 2 semesters Credit: 1 (.5/semester)

Grade Placement: Open to all grades

Prerequisite: Audition

Course Description:

Concert Choir is a mixed choir made up of freshmen – senior students. It is designed to develop within students the fundamentals of choral music. Students will be taught the skills needed to successfully participate in the various choral groups at ICHS, and encourage participation in their church's musical life.

A CAPELLA CHOIR

Length of Course: 2 semesters Credit: 1 (.5/semester)

Grade Placement: open to all grades

Prerequisite: Audition

Course Description

This is a select choir designed to further increase choral skills, and to develop a greater understanding of, and appreciation for the art of music. Emphasis is on the production of a mature choral sound, vocal techniques, music history and terms, theory and aural skills. Students are given opportunity for participation in the District Choir Festival, State Solo and ensemble, State Choir Festival, and ministry of music in area churches and various programs.

WOMEN'S CHORALE

Length of Course: 2 semesters Credit: 1 (.5/semester)

Grade Placement: Open to all grades

Prerequisite: Audition

Course Description:

A select women's choir with an emphasis on proper tone production, development of the SSA sound, and developing a greater appreciation for the art of music and women's choral literature. Students are given opportunity for participation in the District Choir Festival, State Solo and Ensemble, State Choir Festival, and ministry of music in various area churches.

INSTRUMENTAL TECHNIQUES

Length of Course: 1 semester Credit: 1 (.5/semester)

Grade Placement: Open to all grades

Prerequisite: Band director approval

Course Description:

Instrumental Techniques is a non-performance class designed to help students develop their musical skills for further participation in our other band classes. The students in this class work primarily out of a band method book and rhythm study book. This is a small class by design and students receive a lot of individual instruction. Students at the high school level who have never played a band instrument before would be able to begin their study in this class. Students receive a grade and an academic credit for participation in this class.

SYMPHONIC BAND

Length of Course: 2 semesters Credit: 1 (.5/semester)

Grade Placement: Open to all grades

Prerequisite: Audition and band director approval

Course Description

Symphonic Band is open to an unlimited number of students who have reached a certain level of proficiency on their instrument. The band performs original works for band, sacred music, and orchestral transcriptions. Students in this band also work out of band method books to improve their playing skills on their instrument and their knowledge of music theory. The band participates in four concerts a year at Illiana Christian. Although this is not a competition band, the group will occasionally attend the IHSA Concert Festival. In the spring the Symphonic Band combines with the Wind Ensemble to form the Marching Band, which marches in two or three, parades a year. All concerts, performances, and parades are a required part of the class.

WIND ENSEMBLE

Length of Course: 2 semesters Credit: 1 (.5/semester)

Grade Placement: Open to all grades

Prerequisite: Audition and band director approval

Course Description

Wind Ensemble is Illiana Christian's most advanced band. This is a select ensemble limited to 45 members. Students attend one after school sectional per week as part of the class requirement. The group performs mostly advanced wind band literature and sacred music, however, in the spring the band will perform a pops concert including Broadway show tunes, movie themes, etc. The band performs four concerts a year at Illiana Christian. The band also participates in IHSA and SuperState Contests. They also perform at other various concert band festivals throughout the country. In the spring, the Wind Ensemble combines with the Symphonic Band to form the Marching Band, which marches in two or three parades a year. All concerts, performances, and parades are a required part of the class.

HONORS WIND ENSEMBLE

Length of Course: 2 semesters Credit: 1 (.5/semester)

Honors Course Weighted (1.2)

Grade Placement: Open to all grades

Prerequisite: Audition and band director approval

Course Description

In addition to the requirements of Wind Ensemble, Honors Wind Ensemble participants are expected to complete at least six of the following requirements: must receive weekly private instruction on their primary instrument, must receive weekly private instruction on their secondary instrument, must give private lessons to at least one younger student on their primary instrument, must perform a solo at a Director approved venue, must perform in an extra-curricular ensemble outside of school, must perform in a small ensemble at the Solo/Ensemble festival, Fine Arts, or at a scheduled concert, must participate in an additional school ensemble, attend a director approved performance and write a critique, write a research paper about a composer or artist that performs in your medium, write a research paper about your instrument, or choose a famous artist that performs on your instrument and critique some of their recordings.

ORCHESTRA

Length of Course: 2 semesters Credit: 1 (.5/semester)

Grade Placement: Open to all grades

Prerequisite: Must have previous experience in the ICHS String Club, have a recommendation from their middle school Orchestra Director, or schedule an audition.

Course Description

Orchestra is open to string players entering grades 9-12. Educational emphasis is placed on the advancement of technique, further development of music reading skills, intonation, musicianship, and style. Group performances will include music written for orchestra and/or string ensemble. Literature will contain both classical and popular pieces. Meets Fine Arts requirement.

MUSIC THEORY

Length of Course: 1 semester Credit: ½

Grade Placement: 10, 11, 12 - elective

Course Description:

Music Theory is an upperclassmen elective covering the fundamentals of music including notation, tonality, rhythm, meter, melody, and harmony. This course is designed primarily for prospective college music majors and others with a strong interest in music theory.

ART

Art is one of man's responses to God, our Creator. He has made us in His image and has given us the ability to be creative. While we can never do what He has done, create something from nothing, we can use our creative abilities to express in a unique way our response to Him and His world. Art is a religious, cultural, social, and, sometimes, even beautiful expression of life in a particular place and time.

Art classes offer the student the opportunity to observe his/her surroundings in a new light; to apply problem-solving skills to the assignments; to discover new skills; and to communicate with others in a visual mode. Art becomes a visual language by which one can give expression to experience, beliefs, purposes, and emotions. While many students discover existing talents, or discover new ones, others may simply find a deeper appreciation for, and understanding of, art. In either case, it is a valuable part of an education to have some experience in the arts.

The art curriculum is formulated to give all students an opportunity to excel. The in-class projects are as varied as possible with the objective being that something will appeal to everyone. Written homework assignments and sketchbook assignments are given to aid comprehension of the concepts and skills discussed in class.

INTRODUCTION TO ART

Length of Course: 1 semester Credit: ½

Grade Placement: Open to all grades

Course Description

Introduction to Art is a basic course suitable for all students. It covers the elements of art: line, shape, form, value, space, texture, and color. The students use a variety of media including pencil, charcoal, pastels, tempera paint, ink, clay, etc. This course is a prerequisite for all other art courses.

DRAWING AND PAINTING

Length of Course: 1 semester Credit: ½

Grade Placement: Open to all grades

Prerequisite: Minimum grade of "C-" in Introduction to Art

Course Description

This course is designed for the student who wishes to advance in drawing and painting techniques. A variety of projects are planned, including still-life, portrait, and figure drawing, some requiring the student to develop his/her own subject matter. This course has a strong emphasis in Art History and art criticism, which is intended to improve each student's art appreciation and provide exposure to a wide range of techniques and styles. A field trip to an art museum and gallery district is included in this course.

CERAMICS & PRINTMAKING

Length of Course: 1 semester Credit: ½

Grade Placement: Open to all grades: elective

Prerequisite: Minimum grade of "C-" in Introduction to Art

Course Description:

This course is designed for the student who wishes to explore printmaking and advance in ceramics. During the first half of the semester, the student will learn to create hand-built and wheel-thrown ceramic pieces. The second half of the semester will be devoted to the printmaking techniques of linoleum-cut and silk-screen of one-color and multi-color editions. A field trip to an art museum and gallery district is included in this course.

STUDIO ART

Length of Course: 1 semester Credit: ½

Grade Placement: 10, 11, 12 – elective

Prerequisite: Minimum grade of "C-" in Introduction to Art, Drawing and Painting, Printmaking and Ceramics
Consent of instructor

Course Description:

This course is designed for the student who wishes to continue developing his/her skill in a particular medium, while learning new ways of using a variety of other media as well. In the first half of the semester, the student will learn new techniques for printmaking, ceramics, drawing, and painting, using materials and processes that are not addressed in prior courses. During the second half of the semester, each student will be able to select a medium of his/her choice to work in for the rest of the term with their ultimate goal to develop a portfolio to present to colleges and/or scholarship programs. A comprehensive study of art history, as well as a field trip to one or more museums or galleries is planned to increase the student's capacity for art appreciation.

CAREER APPLICATIONS DEPARTMENT

TECHNOLOGY

Technology is an area of study dealing with the knowledge, skills and techniques related to the use of resources in five basic categories: graphic communication, industrial materials and processes, electricity/electronics, power and energy, and construction. It is a field of study which contributes to a better understanding of our culture and its place in God's world.

Our Technology Education program places its emphasis upon helping students find viable ways of participating in the development, extension and use of technologies which are in harmony with Christian values.

GENERAL TECHNOLOGY

Length of Course: 1 semester Credit: ½

Grade Placement: 11, 12 – elective

Course Description:

Course topics include construction electricity, metalworking (sheet metal, casting, machine work and welding), and plastics along with repair of small engines and automotive service work. Occupational information is provided as certain major industries are studied. Safe and consistent work habits are stressed throughout the course.

This course is open to juniors and seniors only. For juniors it serves as a prerequisite for the Metal Technology and Mechanical Technology courses available in the senior year.

Recommended for: Students interested in building trades, industrial occupations, and vehicle service work.

METAL TECHNOLOGY

Length of course: 1 semester Credit: ½

Grade Placement: 12 – elective

Prerequisite: Minimum grade of "C" in Gen. Tech.

Course Description:

This advanced course in metalworking is intended for seniors who wish to gain further experience in the areas of machine work, foundry, sheet metal, and welding. A textbook and study guides are used to provide technical information. Student projects are complex requiring a greater degree of knowledge and skills.

Recommended for: Students interested in broadening their knowledge and skills in a wide variety of occupations that require the use of tools and metal as a technical material.

PHOTOGRAPHY

Length of Course: 1 semester Credit: ½

Grade Placement: 10, 11, 12 – elective

Prerequisite: Instructor's approval prior to registration

Equipment: Digital Camera required (not a phone).

Course Description

This is an introductory course designed to familiarize students to photography using digital cameras and the editing software Photoshop. As Christians, students are encouraged to contribute to creation by exploring their gifts and viewing the world a new way. Students will be asked to demonstrate use of light, lines, perspective, symmetry, pattern and depth of field in the production of their images.

ELECTRONICS

Length of course: 1 semester Credit: ½

Grade Placement: 10, 11, 12 – elective

Course Description

This course is an introduction to common electrical circuits and solid state electronics. A series of experiments are completed with the use of laboratory equipment and components. Several projects involving electronic components, circuit analysis and soldering are assembled by each student. The use of power supplies and basic test equipment such as multi-meters and the oscilloscope are also included.

Recommended for: Students interested in electrical engineering or occupations that involve building or repairing electronic equipment.

ROBOTICS

Length of course: 1 semester Credit: ½

Grade Placement: 10, 11, 12 – elective

Course Description

This course leverages the “coolness” of robotics, and the excitement of head to head competition to inspire and engage students. Students will walk through the design and build a mobile robot. During this process they will learn key STEM principles and robotics concepts. Learning to program the robot to allow it to move autonomously is also a goal. A local high school competition in the spring will encourage and enforce design, building, and problem-solving skills. This modular and project-based curriculum teaches the design process in an engaging, hands-on manner to challenge, motivate, and inspire students. By moving students through an actual engineering project, students quickly understand the relevance of what they are learning. Field trips to manufacturing companies will also reinforce the relevance. The curriculum is created to ensure that students with varying learning styles and levels can accomplish the lesson goals. No prior robotics experience is required.

STEM (Science, Technology, Engineering, Math)
Project Lead The Way

INTRODUCTION TO ENGINEERING DESIGN

Length of Course: 2 semesters Credit: 1 (Dual Credit)

Grade Placement: 9, 10, 11, 12

Course Description:

Students dig deep into the engineering design process, applying math, science, and engineering standards to hands-on projects. They work both individually and in teams to design solutions to a variety of problems using 3D modeling software, and use engineering notebooks to document their work. Students take away many problem solving and critical thinking skills throughout this course.

COMPUTER INTEGRATED MANUFACTURING

Length of Course: 2 semesters Credit: 1 (Dual Credit)

Grade Placement: 10, 11, 12

Course Description:

Students will apply principles of rapid prototyping, robotics, automation and how they all apply to manufacturing. Manufactured items are part of everyday life, yet most students have not been introduced to the high-tech, innovative nature of modern manufacturing. This course illuminated the opportunities related to understanding manufacturing. At the same time, it teaches students about manufacturing processes, product design, robotics, and automation. Students use 3D printers and CNC milling machines to produce real life products all while learning much about the manufacturing process. Students can earn a virtual manufacturing badge recognized by the National Manufacturing Badge.

CIVIL ENGINEERING AND ARCHITECTURE

Length of Course: 2 semesters Credit: 1 (Dual Credit)

Grade Placement: 11, 12

Prerequisite: Passed Geometry classCourse Description:

Students learn important aspects of building and site design and development. Computer software programs and projects will provide students with opportunities to design, simulate, construct and evaluate the construction of buildings and communities. They apply math, science, and standard engineering practices to design both residential and commercial projects and document their work using 3D architecture design software.

ENGINEERING DESIGN AND DEVELOPMENT

Length of Course: 1 semester Credit: ½

Grade Placement: 12

Course Description:

The knowledge and skills acquired throughout Engineering/Technology courses come together in Engineering Design and Development as they identify an issue and then research, design, and test a solution, ultimately presenting their solution. Students apply the professional skills they have developed to document a design process to standards, completing Engineering Design and Development ready to take on any post-secondary program or career.

FAMILY AND CONSUMER SCIENCE

God created individuals to be stewards of all of His creation, to reflect His love, and to develop a Godly character. The family is the primary unit God ordained to help individuals fulfil God's design. It provides the best environment for physical, spiritual, social and academic growth. Family and Consumer Science (FACS) courses concentrate on practical knowledge and skills that strengthen individual and family life. Spiritual truths are the foundation of the practical application taught in FACS classes.

FACS courses provide the student with the opportunity to develop the necessary creative skills to live a full life within the God-given functions of the family. These courses allow students to analyze and form lifestyles that enable them to be Christian witnesses in their everyday living. FACS courses strive to develop analytical and evaluative reasoning, aesthetic appreciation, skills, and creative thinking and action, as well as a strong sense of stewardship. This includes seeking to serve rather than to be served, and to live in awareness of one's Kingdom responsibility. Students are made aware of the impact of their resources, both personal (time, money, energy, and talents) and communal (those shared at family, societal, and global levels).

At Illiana, FACS courses are also offered to expose students to a variety of areas in which they may show skills for future careers with their base in FACS.

INTRODUCTION TO FAMILY & CONSUMER SCIENCE

Length of course: 1 semester Credit: ½
Grade placement: 9 - elective

Course Description:

This class is an introduction to Family and Consumer Sciences and will include nutrition topics, food preparation, clothing construction, design principles, and a look at family and child development. This course gives students a survey of what they may expect from other courses in the department.

SEWING AND TEXTILES

Length of Course: 1 semester Credit: ½
Grade Placement: 10, 11, 12 – elective

Course Description:

This one-semester elective includes basic sewing construction techniques and an introductory study of textiles, and an overview of clothing design, styles, and trends.. Students will incorporate these skills and their learning into several projects.

CHILD DEVELOPMENT

Length of Course: 1 semester Credit: ½
Grade Placement: 12 – elective

Course Description:

This one semester elective is open to all seniors and has no prerequisite courses. The development, nurturing, and parenting of children will be studied. Much class discussion will center around how one trains a child emotionally, spiritually, physically, socially, and mentally to be a Christian steward.

INTERIOR DESIGN

Length of Course: 1 semester Credit: ½
Grade Placement: 11, 12 – elective

Course Description:

This one semester elective is open to juniors and seniors, but preference will be given to seniors when the class fills up. It has no prerequisites. This course covers some basic areas of interior design such as floor planning, principles of design, environmental design, home furnishing and equipment, color, and arrangement.

PHYSICAL EDUCATION DEPARTMENT

The Bible has made it abundantly clear that our bodies are important to God. They are the temples in which we praise Him and through which we serve Him. We strive to build and maintain health fitness, develop sport skill, and guide students in making responsible decisions regarding the use and care of their bodies for now and the future. It is our goal that once a student completes the required Physical Education program he/she will have developed an appreciation of the importance of exercise, movement, and activity. We hope students will use this information and experience to develop their own active God-serving lifestyle.

All students must take one year of physical education as freshmen and one semester of health and wellness as sophomores.

FRESHMEN PHYSICAL EDUCATION

Length of Course: 2 semesters

Credit: 1 (.5/semester)

Grade Placement: 9 - required

Course Description:

The freshman year of physical education includes both activity and health. Units of instruction will include football, tennis, volleyball, badminton, omni-kin, new games, speedball, softball, track and field, and current wellness topics. Units are both gender specific and co-educational depending on the activity. A health binder, gym uniform, and lock will be provided for each student at no cost. Replacements must be purchased by the student.

HEALTH AND WELLNESS

Length of Course: 1 semester

Credit: ½

Grade Placement: 10 - required

Course Description:

At the sophomore level Physical Education investigates personal fitness as well as traditional activities. Each student is introduced to both cardiovascular and muscular fitness concepts through the use of the Wellness Center, while also participating in team handball, soccer, pickle ball, badminton and Frisbee activities. Students are exposed to CPR through the Friends and Family course provided by the American Heart Association (not a card carrying certification).

LIFETIME WELLNESS

Length of Course: 1 semester

Credit: ½

Grade Placement: 11, 12 – elective – 1 time enrollment in high school career

Course Description:

The emphasis in this elective class is on lifetime fitness and activity. Possible units include archery, bowling, softball, pickle ball, badminton, volleyball, golf, lawn games, tennis and personal fitness. Participation rather than competition will be emphasized. Some modest fees may be charged for off campus activities. (This class may not serve as a required substitute for the above.)