

# 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 2021-2022

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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 48 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 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 48 credits required for graduation must include:

8 credits English/Language Arts	2 credits PE	4 credits Bible
6 credits Mathematics	1 credit Health & Wellness	1 credit Fine Arts
6 credits Science	1 credit Digital Applications & Responsibility	11 credits Electives
7 credits Social Studies	1 credit Career Technology & Education	

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 4 years of mathematics, 3-4 years of science, and at least 2 years of the same foreign language.

### *GRADE POINT AVERAGE*

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

Standard	Honors	AP
A > 4.00 x 1.00 = 4.00	A > 4.00 x 1.20 = 4.80	A > 4.00 x 1.40 = 5.60
A- > 3.67 x 1.00 = 3.67	A- > 3.67 x 1.20 = 4.40	A- > 3.67 x 1.40 = 5.14
B+ > 3.33 x 1.00 = 3.33	B+ > 3.33 x 1.20 = 4.00	B+ > 3.33 x 1.40 = 4.66
B > 3.00 x 1.00 = 3.00	B > 3.00 x 1.20 = 3.60	B > 3.00 x 1.40 = 4.20
B- > 2.67 x 1.00 = 2.67	B- > 2.67 x 1.20 = 3.20	B- > 2.67 x 1.40 = 3.74
C+ > 2.33 x 1.00 = 2.33	C+ > 2.33 x 1.20 = 2.80	C+ > 2.33 x 1.40 = 3.26
C > 2.00 x 1.00 = 2.00	C > 2.00 x 1.20 = 2.40	C > 2.00 x 1.40 = 2.80
C- > 1.67 x 1.00 = 1.67	C- > 1.67 x 1.20 = 2.00	C- > 1.67 x 1.40 = 2.34
D+ > 1.33 x 1.00 = 1.33	D+ > 1.33 x 1.20 = 1.60	D+ > 1.33 x 1.40 = 1.86
D > 1.00 x 1.00 = 1.00	D > 1.00 x 1.20 = 1.20	D > 1.00 x 1.40 = 1.40
D- > 0.66 x 1.00 = 0.67	D- > 0.67 x 1.20 = 0.80	D- > 0.67 x 1.40 = 0.94

### *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 school.
4. The grades will not count toward the Illiana Christian GPA.
5. No more than six off-campus credits will be accepted toward meeting 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.

### *INCOMPLETES AND FAILURES*

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, Student Council, Chapel Committee, 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 not 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.

### *DUAL CREDIT*

Dual credit courses are college level courses offered at the high school level. Students who meet the dual credit course requirements and pay the additional fee, if applicable, are able to earn college credit while also earning high school credit. Courses currently requiring an additional fee are Biology II, U.S. History Honors & AP Literature & Composition. Courses not requiring a fee are Introduction to Engineering Design, Principles of Engineering, Computer Integrated Manufacturing, and Civil Engineering & Architecture. Despite the additional fee, students are saving time and money in the long run by taking these courses while in high school. Students taking these courses are NOT required to choose the dual credit option.

### *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 on the website. Teachers and staff also have e-mail addresses following this model: `firstname.lastname@illianachristian.org` or `firstinitiallastname@illianaweb.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 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. Benes works primarily with students whose last names begin with "A" through "K" and Mr. Zandstra works with students whose last names begin 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 lifestyle.

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.

**GRADUATION REQUIREMENTS: All students must pass 4 semesters of Bible classes. Freshmen take Religion (Bible 1), Sophomores take Religion (Bible 2), Juniors take Religion (Bible 3) and Seniors take Humanities (Bible 4).**

### **RELIGION (BIBLE 1)**

Length of Course: 1 semester                      Credit: 1  
Grade Placement: 9 - **REQUIRED**

#### 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.

Six 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.

### **RELIGION (BIBLE 2)**

Length of Course: 1 semester                      Credit: 1  
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.

### **RELIGION (BIBLE 3)**

Length of Course: 1 semester                      Credit: 1  
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.

#### **HUMANITIES (BIBLE 4)**

Length of Course: 1 semester                      Credit: 1

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.

#### **COMMUNITY SERVICE**

Length of Course: 1 semester                      Credit: 1

Grade Placement: 12 - elective

##### Course Description:

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

#### **RELIGION (BIBLE 5)**

Length of Course: 1 semester

Grade Placement: 11, 12 – elective                      Credit: 1

##### Course Description

This is a one-semester elective course for juniors and seniors. Religion (Bible 5) builds on the foundation laid in the freshman 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.



**CAREER AND TECHNOLOGY EDUCATION DEPARTMENT**

**CTE: BUSINESS, MARKETING, AND INFORMATION TECHNOLOGY 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, Marketing, and Information Technology Department is:

- 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 on how to make responsible choices regarding their future.

**GRADUATION REQUIREMENTS: Digital Applications and Responsibility s1 is required for all freshmen unless they pass the competency test offered during the summer prior to freshman year. If students pass the competency test for Digital Applications and Responsibility s1, they will then be required to take Digital Applications and Responsibility s2 unless they earn a score high enough to test out of both. All other courses are electives.**

<b>Freshmen</b>	<b>Sophomore</b>	<b>Junior</b>	<b>Senior</b>
<b>Digital Applications &amp; Responsibility* s1</b>	Computer Illustrations & Graphics Digital Applications & Responsibility s2 Preparing for College & Careers Tech Business Comm. Web Design	Business Law & Ethics Business Math Computer Illust. & Graphics Digital App & Resp s2 Economics Preparing for College & Careers Tech Business Comm. Web Design	Business Law & Ethics Business Math Computer Illust & Graphics Digital App. & Resp s2 Economics Intro to Accounting Personal Financial Respons Preparing for College & Careers Tech Business Comm. Web Design
<i>*required</i>			

**DIGITAL APPLICATIONS AND RESPONSIBILITY s1**

Length of Course: 1 semester                      Credit: 1

*Dual Credit*Grade Placement: 9 - **REQUIRED**Course Description:

This is a one-semester course required of all freshmen. If students pass the competency test for Digital Applications and Responsibility s1, they will then be required to take Digital Applications and Responsibility s2 unless they earn a score high enough to test out of both. 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.

**DIGITAL APPLICATIONS AND RESPONSIBILITY s2**

Length of Course: 1 semester                      Credit: 1

*Dual Credit*

Grade Placement: 10, 11, 12 – elective

**Prerequisite:** Minimum grade of “C” in Digital Applications and Responsibility s1 or instructor approvalCourse 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.

**BUSINESS MATH**

Length of Course: 1 semester                      Credit: 1

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.

**PERSONAL FINANCIAL RESPONSIBILITY**

Length of Course: 1 semester                      Credit: 1

Grade Placement: 11, 12 –elective

**Prerequisite:** EconomicsCourse 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 presentations and a workbook. Realize that these varied subjects will be taught with a Christian perspective.

**ECONOMICS**

Length of Course: 1 semester                      Credit: 1

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.

**TECHNICAL BUSINESS COMMUNICATIONS**

Length of Course: 1 semester                      Credit: 1

Grade Placement: 10, 11, 12 – elective

**Prerequisite:** Minimum grade of “C” in Digital Applications and Responsibility s1 or instructor approvalCourse 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, and 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.

### **COMPUTER ILLUSTRATION AND GRAPHICS**

Length of Course: 1 semester                      Credit: 1

Grade Placement: 10, 11, 12 – elective

**Prerequisite:** Minimum grade of “C” in Digital Applications and Responsibility s1 or instructor approval

#### Course Description:

This is a one-semester course for sophomores, juniors, or seniors. Digital Applications and Responsibility s1 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.

### **PREPARING FOR COLLEGE & CAREERS**

Length of Course: 1 semester                      Credit: 1

Grade Placement: 10, 11, 12 – elective

**Prerequisite:** Minimum grade of “C” in Digital Applications and Responsibility s1 or instructor approval

#### Course Description:

This is a 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. We also do a career unit where we identify students' strengths and weaknesses and discuss how to know God's will in deciding on a career. The purpose of the first semester is also 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.

### **CAREER INFORMATION AND EXPLORATION**

Length of Course: 1 semester                      Credit: 1

Grade Placement: 12-elective

**Prerequisite:** Minimum grade of "C" in Digital Applications and Responsibility s1 or instructor approval

#### Course Description:

This is a senior course that allows students to set up their own individualized programs. Part of an individualized program could include a three-week internship at a local business to give students "real-life" experiences." In addition to the three-week internship, students can choose from areas such as Intro/Advanced Word, Excel, Access, Power Point, Publisher, and Google apps. There are also units including 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. This class also includes a field trip to Chicago to visit various businesses.

### **PRINCIPLES OF BUSINESS MANAGEMENT**

Length of Course: 2 semesters                      Credit: 1

Grade Placement: 11, 12 - elective

**Prerequisite:** Minimum grade of "C" in Digital Applications and Responsibility s1 or instructor approval

#### Course Description:

This class will be focusing on the roles and responsibilities of today's business workers whether that is in management or supportive roles. There will be opportunities to learn more about what is happening in the workplace today and beyond, how technology has changed the structure of the workplace, and the challenges of managing a business in the free-enterprise system. Students will attain an understanding of management, team building, leadership, and problem-solving steps and processes that contribute to the achievement of organizational goals. We will also spend time on a career unit that involves resume writing and job interviewing skills. Basic principles of marketing and advertising will also be covered.

### **INTRODUCTION TO ACCOUNTING**

Length of Course: 2 semesters                      Credit: 2

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 & ETHICS**

Length of Course: 1 semester

Credit: 1

Grade Placement: 11, 12 – elective

Course Description:

This is a one-semester course for juniors or seniors. Business law and ethics 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 DESIGN**

Length of Course: 1 semester

Credit: 1

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

*Prerequisite:* Minimum grade of “C” in Digital Applications and Responsibility s1 or instructor approvalCourse 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.

## CTE: ENGINEERING/TECHNOLOGY

The only things that are not designed in this world are items that were already designed by the greatest designer of all time and that is our creator God. God gives us these amazing creative minds to design, create and innovate new and existing designs for His glory. In the following courses, students will enhance their understanding of one of the most important life skills, that of problem solving. They will use new, cutting edge software, 3D printers, laser cutters, CNC machines, Robotics, etc. to design, create and gain a better understanding of the correct way to problem solve and never give up. The perseverance through taking these courses will follow them through any career pathway they might choose.

**GRADUATION REQUIREMENTS: To meet the CTE requirement, all students must pass one of the following courses: Introduction to Engineering Design (IED), Robotics Design and Innovation OR Human Development & Wellness, which is a Family & Consumer Sciences (FACS) course. This course is generally taken during a student's freshman year.**

### **Suggested Career Pathway:**

All students in any career field will benefit will benefit from the problem solving and critical thinking skills learned throughout these courses. Students who might have an interest in any career related to design, engineering or anything involving technology should take these courses.

### **INTRODUCTION TO ENGINEERING DESIGN – IED – (PLTW)**

Length of Course: 2 semesters                      Credit: 2

*Dual Credit*

*Free Dual Credit through Ivy Tech College*

Grade Placement: 9, 10, 11, 12 - **REQUIRED** if student does not take **Human Development & Wellness or Robotics**

#### **Design and Innovation**

##### **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 3D printers and laser cutters. Students also learn to use engineering notebooks to document their work and take away problem solving and critical thinking skills throughout this course.

### **PRINCIPLES OF ENGINEERING – POE – (PLTW)**

Length of Course: 2 semesters                      Credit: 2

*Dual Credit*

*Free Dual Credit through Ivy Tech College*

Grade Placement: 10, 11, 12 – elective

**Prerequisite** – passed Introduction to Engineering Design

##### **Course Description:**

Students will continue what they learned to do in Introduction to Engineering Design and apply more hands on skills through problems that engage and challenge. Students will explore a broad range of engineering topics, including mechanisms, the strength of structures and materials, and automation. Students develop skills in problem solving and research and design while learning strategies for design process documentation, collaboration and presentation.

### **COMPUTER INTEGRATED MANUFACTURING – CIM – (PLTW)**

Length of Course: 2 semesters                      Credit: 2

*Dual Credit*

*Free Dual Credit through Ivy Tech College*

Grade Placement: 10, 11, 12 – elective

**Prerequisite** – Passed Introduction to Engineering Design

##### **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 illuminates 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 – CEA – (PLTW)**

Length of Course: 2 semesters                      Credit: 2

*Dual Credit*

Grade Placement: 11, 12 - elective

**Prerequisite** – Pass Geometry course

##### **Course 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 – EDD – (PLTW)**

Length of Course: 1 semester                      Credit: 1

Grade Placement: 12 – elective

**Prerequisite** – Passed any one PLTW course

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.

**ROBOTICS DESIGN AND INNOVATION**

Length of course: 1 semester                      Credit: 1

Grade Placement: 10, 11, 12 – **REQUIRED if student does not take Human Development & Wellness or Introduction to Engineering Design.**

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.

**SUGGESTED COURSE SEQUENCE FOR CTE: ENGINEERING/TECHNOLOGY**

<b>Freshmen</b>	<b>Sophomore</b>	<b>Junior</b>	<b>Senior</b>
Introduction to Engineering Design	Principles of Engineering Robotics Design and Innovation	Computer Integrated Manufacturing Civil Engineering and Architecture	Engineering Design and Development

## CTE: 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 fulfill 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.

**GRADUATION REQUIREMENTS: To meet the CTE requirement, all students must pass Human Development & Wellness, Robotics Design and Innovation OR Introduction to Engineering Design, which are Engineering/Technology courses. This course is generally taken during a student's freshman year.**

### **HUMAN DEVELOPMENT AND WELLNESS**

Length of course: 1 semester                      Credit: 1

Grade placement: 9 - **REQUIRED if student does not take Introduction to Engineering Design or Robotics Design and Innovation**

#### 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.

### **INTRODUCTION TO FASHION AND TEXTILES**

Length of Course: 1 semester                      Credit: 1

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: 1

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.

### **INTRODUCTION TO HOUSE AND INTERIOR DESIGN**

Length of Course: 1 semester                      Credit: 1

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.

## CTE: TRADE AND INDUSTRY

Trade and Industry 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 Trade and Industry 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.

### **AUTOMOTIVE SERVICES TECHNOLOGY**

Length of course: 1 semester                      Credit: 1

Grade Placement: 12 – elective

***Prerequisite:*** Minimum grade of “C” in Introduction to Manufacturing

#### 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.

### **INDUSTRY TRADES: ELECTRICAL I**

Length of course: 1 semester                      Credit: 1

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.



## ENGLISH/LANGUAGE ARTS 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.

**GRADUATION REQUIREMENTS: All students are required to pass 4 years of English. Freshmen take English 9, sophomores take English 10, juniors take English 11, or English 11 Honors. Seniors take English 12, or AP English Literature and Composition. Seniors who are considering attending a 4-year college and students interested in AP English Literature and Composition are encouraged to take English 11 Honors.**

### **ENGLISH 9**

Length of course: 2 semesters                      Credit: 2

Grade Placement: 9 - **REQUIRED**

#### Course Description:

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 10**

Length of course: 2 semesters                      Credit: 2

Grade Placement: 10 - **REQUIRED**

#### Course Description:

English 10 covers literature from all over the world. It explores different cultures and different genres, while focusing on teaching the students skills necessary to capture the nuances of all kinds of writing. Students will also be asked to develop writing, editing and public speaking skills.

### **ENGLISH 11**

Length of Course: 2 semesters                      Credit: 2

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.

### ENGLISH 11 HONORS

Length of Course: 2 semesters

Credit: 2

*Honors Course weighted (1.2) + Dual Credit*

Grade Placement: 11 – elective

#### Course Description:

**This honors class is a prerequisite to anyone wishing to take AP English Literature and Composition.**

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 12

Length of Course: 2 semesters

Credit: 2

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 18<sup>th</sup> century, Hamlet, and a unit on Christian discernment and the media.

### ADVANCED ENGLISH/LANGUAGE ARTS, COLLEGE CREDIT

Length of Course: 2 semesters

Credit: 2

*AP course weighted (1.4)*

Grade Placement: 12—elective

**SOME BOOKS TO BE PURCHASED**

***Prerequisite:*** English 11 Honors

This course requires summer reading

#### 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: 1

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

### THEATRE ARTS

Length of course: 1 semester

Credit: 1

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: 2

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.

**STUDENT MEDIA (HONORS JOURNALISM)**

Length of course: 2 semesters                      Credit: 2

*Honors Course weighted (1.2)*

Grade Placement - 11, 12 - elective

***Prerequisite:*** Completion of Journalism and with teacher approval

Course Description:

A second and third year advanced journalism 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.

## 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: All students are required to pass Band, Orchestra or Choir (one year) OR Introduction to Two-Dimensional Art (one semester).**

#### **BEGINNING CHORUS**

Length of Course: 2 semesters                      Credit: 2

Grade Placement: 9, 10, 11, 12 - **REQUIRED if student is not taking a semester of Introduction to Two-Dimensional**

**Art**

*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.

#### **INTERMEDIATE CHORUS**

Length of Course: 2 semesters                      Credit: 2

Grade Placement: 9, 10, 11, 12 - elective

*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.

#### **ADVANCED CHORUS**

Length of Course: 2 semesters                      Credit: 2

Grade Placement: 9, 10, 11, 12 - elective

*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.

#### **BEGINNING CONCERT BAND**

Length of Course: 2 semesters                      Credit: 2

Grade Placement: 9, 10, 11, 12 - **REQUIRED if student is not taking a semester of Introduction to Two-Dimensional**

**Art**

*Prerequisite:* Audition and band director approval

##### Course Description:

Beginning Concert 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 Beginning Concert Band combines with the Intermediate Concert 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.

### **INTERMEDIATE CONCERT BAND**

Length of Course: 2 semesters                      Credit: 2

Grade Placement: 9, 10, 11, 12 - elective

**Prerequisite:** Audition and band director approval

#### Course Description:

Intermediate Concert Band 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 Beginning and intermediate Concert Bands combine 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.

### **ADVANCED CONCERT BAND**

Length of Course: 2 semesters                      Credit: 2

Grade Placement: 9, 10, 11, 12 - elective

**Prerequisite:** Audition and band director approval

*Honors Course Weighted (1.2)*

#### Course Description

In addition to the requirements of Intermediate Concert Band, Advanced Concert Band 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.

### **BEGINNING ORCHESTRA**

Length of Course: 2 semesters                      Credit: 2

Grade Placement: 9, 10, 11, 12 - **REQUIRED if student is not taking a semester of Introduction to Two-Dimensional**

#### **Art**

**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

Beginning 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 AND COMPOSITION**

Length of Course: 1 semester                      Credit: 1

Grade Placement: 10, 11, 12 - elective

#### Course Description:

Music Theory and Composition 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.

**GRADUATION REQUIREMENTS: All students are required to pass Introduction to Two-Dimensional Art (one semester) OR Band, Orchestra or Choir (one year).**

### **INTRODUCTION TO TWO-DIMENSIONAL ART**

Length of Course: 1 semester

Credit: 1

Grade Placement: 9, 10, 11 12 - **REQUIRED if student is not taking a full-year of Band, Orchestra or Choir**

#### Course Description

Introduction to Two-Dimensional 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**

Length of Course: 1 semester

Credit: 1

*Dual Credit*

Grade Placement: 9, 10, 11 12 - elective

**Prerequisite:** Minimum grade of "C-" in Introduction to Two-Dimensional 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**

Length of Course: 1 semester

Credit: 1

Grade Placement: 9, 10, 11 12 - elective

**Prerequisite:** Minimum grade of "C-" in Introduction to Two-Dimensional 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.

### **ADVANCED FINE ARTS**

Length of Course: 1 semester

Credit: 1

*Dual Credit*

Grade Placement: 11, 12 – elective

**Prerequisite:** Minimum grade of "C-" in Introduction to Two-Dimensional Art, Drawing, & Ceramics & instructor approval.

#### 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 the ultimate goal of developing 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.

**PHOTOGRAPHY**

Length of Course: 1 semesters                      Credit: 1

Grade Placement: 10, 11, 12 – elective

***Prerequisite:*** Instructor's approval prior to registration

Equipment: Digital (DSLR) 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.

## 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.

**GRADUATION REQUIREMENTS: All students are required to pass 3 years of math. Most four-year colleges require successful completion of 4 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

	STANDARD	HONORS
FRESHMEN Required	Algebra I	Honors Geometry
SOPHOMORES Required	Geometry	Algebra II Honors
JUNIORS Required	Algebra II	Precalculus Honors
SENIORS Electives	Precalculus	AP Calculus



**ALGEBRA I**

Length of Course: 2 semesters Credit: 2

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.

**GEOMETRY**

Length of Course: 2 semesters Credit: 2

Grade Placement: 10 – **REQUIRED****Prerequisite:** Minimum grade of “C-” in Algebra ICourse 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.

**GEOMETRY HONORS**

Length of Course: 2 semesters Credit: 2

Grade Placement: 9, 10 - elective

**Prerequisite:** Minimum grade of “B” in Algebra I & teacher approval*Honors Course weighted (1.2)*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.

**ALGEBRA II**

Length of Course: 2 semesters Credit: 2

Grade Placement: 10, 11, 12 - **REQUIRED****Prerequisite:** Minimum grade of “C” in Algebra I  
Minimum grade of “C” in GeometryCourse 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**ALGEBRA II HONORS**

Length of Course: 2 semesters Credit: 2

Grade Placement: 10, 11, 12 - elective

**Prerequisite:** Minimum grade of “B” in Algebra I  
Minimum grade of “B” in Honors Geometry*Honors course weighted (1.2)*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

**PRE-CALCULUS**

Length of Course: 2 semesters                      Credit: 2

Grade Placement: 12 - elective

*Dual Credit***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

**PRE-CALCULUS HONORS**

Length of course: 2 semesters                      Credit: 2

Grade Placement: 11, 12 - elective

*Honors course weighted (1.2) + Dual Credit***Prerequisite:** Minimum grade of “B-” in Geometry Honors  
Minimum grade of “B-” in Algebra II Honors**Course Description:**

Pre-calculus Honors 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.

**AP CALCULUS AB**

Length of Course: 2 semesters                      Credit: 2

Grade Placement: 12 - elective

*AP course weighted (1.4)*

AP Exam fee

**Prerequisite:** Minimum grade of “B-” in Pre-Calculus Honors**Course Description:**

AP Calculus AB is a college level calculus course. The focus of AP Calculus AB is functions, graphs, limits, derivatives, integrals and their applications. The course covers all topics as outlined in the course description for AP 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

**PROBABILITY AND STATISTICS**

Length of Course: 2 semesters                      Credit: 2

Grade Placement: 11, 12 – elective

**Prerequisite:** Algebra II**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.

**MULTIDISCIPLINARY****BASIC SKILLS DEVELOPMENT**

Length of Course: 1 semester

Credit: 1

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.

**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.

**GRADUATION REQUIREMENTS:** All students must take 1 year of physical education as freshmen and 1 semester of health and wellness as sophomores.

**PHYSICAL EDUCATION I & II**

Length of Course: 2 semesters                      Credit: 2

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 EDUCATION**

Length of Course: 1 semester                      Credit: 1

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).

**ELECTIVE PHYSICAL EDUCATION**

Length of Course: 1 semester                      Credit: 1

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 substitute for the freshman PE requirement.

## SCIENCE DEPARTMENT

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.

**GRADUATION REQUIREMENTS: All students are required to pass 3 years of science. Freshmen take either Physical Science or Biology I Honors. Sophomores take Biology if they took Physical Science or Chemistry I Honors if they took Biology I Honors. Students may choose their 3rd year of science.**

### **PHYSICAL SCIENCE**

Length of course: 2 semesters

Credit: 2

Grade Placement: 9 - **REQUIRED**

#### 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.

### **BIOLOGY I HONORS**

Length of Course: 2 semesters

Credit: 2

*Honors Course Weighted (1.2)*

Grade Placement: 9 – elective

***Prerequisite:*** Recommendations from junior high teachers & results of the NWEA Map assessment test are used for placement.

#### Course Description:

This course is a special course designed for high-ability freshmen. Biology I Honors 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.

### **BIOLOGY I**

Length of Course: 2 semesters

Credit: 2

Grade Placement: 10 - **REQUIRED**

#### Course Description:

In Biology I, 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.

### **EARTH AND SPACE SCIENCE I**

Length of Course: 2 semesters                      Credit: 2

Grade Placement: 11, 12 – elective

**Prerequisite:** Biology

#### Course Description:

Earth and Space Science I 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. This course also deals 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.

### **CHEMISTRY I**

Length of Course: 2 semesters                      Credit: 2

Grade Placement: 11, 12 – elective

**Prerequisite:** Successful completion of Algebra I and Biology I

#### 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.

### **CHEMISTRY I HONORS**

Length of Course: 2 semesters                      Credit: 2

Grade Placement: 10, 11, 12 - elective

**Prerequisites:** Minimum grade of “B” in Algebra I

Completion of Biology I Honors

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

*Honors Course Weighted (1.2)*

#### 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

### **ANATOMY AND PHYSIOLOGY**

Length of Course: 1 semester                      Credit: 1

Grade Placement: 11, 12 - elective

**Prerequisite:** Biology I

*Dual Credit*

#### 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.

### **ADVANCE SCIENCE: AGRICULTURAL SCIENCE**

Length of Course: 2 semesters                      Credit: 1

Grade Placement: 11, 12 – elective

**Prerequisite:** Biology I

#### Course Description:

The Advance Science: Agricultural Science course will be, in large part, problem based and centered around Illiana Farm's hydroponic systems. Students will plant, grow, monitor, test, harvest and process a variety of mostly leafy greens as part of a real business venture.

While operating the Illiana Farm's container system, students will learn about and gain a deeper understanding of botany, plant anatomy and physiology, horticulture, hydroponics, chemistry, entrepreneurship, food science, nutrition, management practices for field and greenhouse production, marketing concepts, communication, and 21st century job skills.

**ADVANCED SCIENCE, SPECIAL TOPICS**

Length of Course: 1 semester Credit: 1

*Dual Credit*

Grade Placement: 11, 12 – elective

**Prerequisite:** Biology I**Course Description:**

Advanced Science, Special Topics is a one-semester course, with botany offered nine weeks and zoology offered nine weeks as well. 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

**HUMAN BODY SYSTEMS**

Length of Course: 2 semesters Credit: 2

Grade Placement: 11, 12 – elective

**Prerequisites:** Biology I**Course Description:**

Human Body Systems (HBS) is a two-semester course in which students examine the interactions of body systems as they explore identity, communication, power, movement, protection, and homeostasis. Students design experiments, investigate the structures and functions of the human body, and use data acquisition software to monitor body functions such as muscle movement, reflex and voluntary action, and respiration. Exploring science in action, students build organs and tissues on a skeletal manikin, work through interesting real world cases, and often play the role of biomedical professionals to solve medical mysteries. Students practice problem solving with structured activities and progress to open-ended projects and problems that require them to develop planning, documentation, communication, and other professional skills.

**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

**PHYSICS I**

Length of course: 2 semesters Credit: 2

Grade Placement: 11, 12 – elective

**Prerequisite:** Successful completion of Algebra I and Biology I**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.

**PHYSICS I HONORS**

Length of course: 2 semesters Credit: 2

*Honors Course Weighted (1.2)*

Grade Placement: 11, 12 – elective

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

Physics I Honors is a 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 I is recommended as a prerequisite (although not required).

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

**AP CHEMISTRY**

Length of Course: 2 semesters Credit: 2

*AP Course weighted (1.4)*

Grade Placement: 11, 12

AP exam fee

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

AP Chemistry is a second year of chemistry for students who have taken Chemistry I Honors and Physics I Honors (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 AP exam given in May. Results for this exam determine whether the student can obtain college credit for this course.

## **BIOLOGY II**

Length of course: 2 semesters

Credit: 2

*Honors weighted (1.2) + Dual Credit*

Grade Placement: 11, 12 - elective

Additional fee for this course if choosing to earn dual credit

***Prerequisite:*** Instructor approval & minimum of “B-” in Biology I Honors

### 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.



## SOCIAL STUDIES DEPARTMENT

In II Corinthians 5, Paul states; "We are therefore Christ's ambassadors, as though Christ were making his appeal through us. We implore you on Christ's behalf: Be reconciled to God." As Christians we are called to be ambassadors, the agents of reconciliation in this world. No one can be an effective ambassador without having knowledge of what they represent as well as having knowledge of the people to whom they are bringing the message. The study of history equips Christians to be effective ambassadors. As Christians we are rooted in the truth, but a historical perspective allows us to understand the world we are trying to reform. A knowledge of history will enable us to be in the world but not of it. We can understand our fellow man and bring the message of truth to him.

In our history classes we emphasize that history has a beginning (Creation), middle (the life, death and resurrection of Christ) and an end (Christ's second coming). Man is not just aimlessly wandering through time, but creation is headed for a goal.

What has happened in the past can help to serve us as guideposts for the present and the future. A Christian approach to history provides us with a corporate memory, and it also provides us with perspective. We can analyze the society in which we live and compare society's perspective with our own as Christians. At times, those perspectives will be similar or the same, and at other times, those perspectives will be radically different. A Christian study of history should not just be a criticism of our society, but it should also encourage the positive role which Christians have and can play as citizens of a secular state. After all, Christ wants us to render to Caesar what is his.

A study of history can challenge students to struggle with the difficulty of living their faith in a broken world. It will call them to be thermostats--people who read what's going on in their environment and then try to control it. We hope that our students will come to know culture so that they can transform it.

**GRADUATION REQUIREMENTS: All students are required to pass the following courses: International Relations 9 (one semester) as a freshman, one year of World History and Civilization as a sophomore, one year of United States History as a junior, Economics (one semester) as a junior or senior & International Relations (one semester) as a senior.**

### **INTERNATIONAL RELATIONS 9**

Length of Course: 1 semester                      Credit: 1

Grade Placement: 9 - **REQUIRED**

#### Course Description

This is a semester-long course that explores the historical context of modern conflicts and asks students to evaluate potential solutions in light of the historical and present contours of political and economic tensions around the globe. The course surveys questions for U.S. policy in the Middle East, weighing the U.S. response to China on the world stage, and challenges for U.S. policy in Russia's transformation. The course will also examine the ancient roots of the Israeli-Palestinian conflict and explore the geographic, political, and religious components that combine to make this conflict unique in its complexity. Students are asked to evaluate each conflict from the perspective of American foreign policy to develop an awareness of the difficulty of each conflict and to understand the political and economic factors that have shaped the American response to these problems. Students are also asked to struggle with how to view and talk about these issues in light of a Biblical perspective.

### **WORLD HISTORY AND CIVILIZATION**

Length of course: 1 semester                      Credit: 1

Grade Placement: 10 - **REQUIRED**

#### Course Description

The first semester of this course has its focus in Western Europe; this includes a study of the development of nations during the time of the Renaissance. Students will also be taught the dynamics of the "Age of Exploration" and "The Reformation". The second portion of the class will highlight the "Age of Enlightenment" with a concentration on social revolutions and technology. The final component will focus on the development of the modern nations of Europe.

### **UNITED STATES GOVERNMENT**

Length of course: 1 semester                      Credit: 1

Grade Placement: 10 - **REQUIRED**

#### Course Description:

This course takes a look at the early development of the United States. Beginning with the exploration and colonization of the Western Hemisphere and concluding at 1800, this course will include an in-depth study of the American political system. Students will experience the nature of government as defined by our Constitution and Christian perspectives on the role of government will also be presented. This course will also include a test on the Constitution.

**UNITED STATES HISTORY**

Length of course: 2 semesters                      Credit: 2

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.

**UNITED STATES HISTORY HONORS**

Length of course: 2 semesters                      Credit: 2

*Honors weighted (1.2) + Dual Credit*

Grade Placement: 11, 12 - elective

Additional fee for this course if choosing to earn dual credit

**Prerequisite:** 3.3 GPA or a 3.0 with instructor approvalCourse Description:

This course, addressing the entire span of U.S. history, involves relatively more reading than the required United States History course for juniors. Students will also receive 3 college credits from Colorado Christian University which may be transferred to other colleges.

**INTERNATIONAL RELATIONS**

Length of Course: 1 semester                      Credit: 1

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.

**INDIANA STUDIES**

Length of Course: 1 semester                      Credit: 1

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: 1

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: 1

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.

**AP UNITED STATES GOVERNMENT AND POLITICS**

Length of course: 2 semesters Credit: 2

*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 United States Government and Politics course is taught year round with a special concentration on student preparation for the AP exam taken in the spring.

**ETHNIC STUDIES**

Length of course: 1 semester Credit: 1

Grade Placement: 10, 11, 12 - elective

**Course Description:**

Ethnic Studies provides opportunities to broaden students' perspectives concerning lifestyles and cultural patterns of ethnic groups in the United States. This course will either focus on a particular ethnic group or groups, or use a comparative approach to the study of patterns of cultural development, immigration, and assimilation, as well as the contributions of specific ethnic or cultural groups. The course may also include analysis of the political impact of ethnic diversity in the United States.

**ECONOMICS**

Length of Course: 1 semester Credit: 1

Grade Placement: 11, 12 – **REQUIRED****Course Description:**

This is a one-semester course required for juniors or seniors. This course covers the U.S. economic system and 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.

## WORLD LANGUAGE DEPARTMENT

The Department of World 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. **However, most 4-year colleges require a minimum of 2 years of a foreign language for admission.** Two years of a foreign language in high school 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: 2  
Grade Placement: 9, 10, 11, 12 - elective

##### 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: 2  
Grade Placement: 9, 10, 11, 12 - elective

***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.

#### GERMAN III

Length of Course: 2 semesters                      Credit: 2  
Grade Placement: Upon completion of German I and II  
***Prerequisite:*** Minimum grade of "C" in German II

*Honors Course Weighted (1.2)*

##### 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.

#### AP GERMAN LANGUAGE AND CULTURE

Length of Course: 2 semesters                      Credit: 2  
Grade Placement: Upon completion of German III

*AP Course Weighted (1.4)*

AP exam fee

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

##### Course Description:

AP German Language and Culture 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.

## SPANISH

In today's marketplace, Spanish has become an essential tool in communication. Spanish will be essential in many professions in the public sector such as social work, social service, medical and the trades. Because of increasing open trade with our Spanish-speaking neighbors, Spanish will also be a necessary tool in the business world. With the increase of our Spanish-speaking neighbors in the U.S., the ability to communicate with them will allow us to bridge the cultural gap and share the message of Jesus with them in their own language.

### SPANISH I

Length of Course: 2 semesters                      Credit: 2  
Grade Placement: 9, 10, 11, 12 - elective

#### Course Description:

This course is an introduction to the Spanish language. It means that the student will acquire the basic skills of Spanish communication. Those skills are: listening, speaking, reading, and writing. Grammar is taught as well as insight into the culture of Spanish-speaking countries. A variety of teaching media is used such as: audiotape, movies, music, and some special guests.

### SPANISH II

Length of Course: 2 semesters                      Credit: 2  
Grade Placement: 9, 10, 11, 12 - elective

**Prerequisite:** Minimum grade of "C-" in Spanish I

#### Course Description:

This course is a continuation of Spanish I. Emphasis is on understanding and speaking Spanish. Reading and writing are practiced more extensively. Many grammatical patterns will be covered during this course.

### SPANISH III

Length of Course: 2 semesters                      Credit: 2  
Grade Placement: Upon completion of Spanish I and II

**Prerequisite:** Minimum grade of "C" in Spanish II

*Honors Course Weighted (1.2)*

#### Course Description:

This course offers a thorough grammar review. It also gives practice in writing Spanish. The amount of reading is increased; classroom conversation is mainly in Spanish. This is accomplished by requiring considerably more vocabulary work to become more fluent in conversational skills.

### AP SPANISH LANGUAGE AND CULTURE

Length of course: 2 semesters                      Credit: 2  
Grade Placement: Upon completion of Spanish III  
AP exam fee

**Prerequisite:** Minimum grade of "B-" in Spanish III

*AP Course Weighted (1.4)*

#### Course Description:

The goal of this course is to prepare students for taking the AP Spanish Language and Culture Exam in May. The components of this exam are listening, reading, writing and speaking. The focus of class time and homework is on using Spanish to communicate. The ability to understand written and spoken Spanish and to express oneself in Spanish is the primary focus of this course.