



International Christian School -
Pyeongtaek

2020-2021 HIGH SCHOOL course catalog

NOTE: The ICS-P administration reserves the right to alter or update this document as is necessary throughout the school year.

Updated: July 30, 2020

Requirement for College Preparatory Diploma:

- Total credits required - 25 credits
 - Bible: 4 credits¹ **
 - English: 4 credits
 - Math: 3 credits²
 - Science: 3 credits
 - Social Sciences: 3 credits
 - Physical Education/Health: 1 credit
 - Fine Arts: 1 credit
 - Foreign Language: 2 credits³
 - Community Service (Jr/Sr): 1 credit
 - Electives: 3 credits
- **All students must successfully complete one half ($\frac{1}{2}$) of a Bible credit for each semester they are enrolled at ICS-P.

Requirement for High School Diploma for Non-Matriculating Students:

- Total credits required - 23 credits
 - Bible: 4 credits¹ **
 - English: 4 credits
 - Math: 2 credits⁴
 - Science: 2 credits
 - Social Sciences: 3 credits
 - Physical Education/Health: 1 credit
 - Fine Arts: 1 credit
 - Foreign Language: 2 credits³
 - Community Service (Jr/Sr): 1 credit
 - Electives: 3 credits
- Students may only pursue the high school diploma for non-matriculating students by special permission from ICS-P administration. All students are, by default, enrolled toward completion of the college preparatory diploma.
- **All students must successfully complete one half ($\frac{1}{2}$) of a Bible credit for each semester they are enrolled at ICS-P.

1 semester = $\frac{1}{2}$ credit

2 semesters = 1 credit

¹ Transfer students are not required to have Bible credits from previous schools.

² Four (4) credits of math are required (including Algebra 1) if Algebra 1 is taken as an 8th grader (middle school).

³ Exemption from this requirement by scoring at least 750 on the SAT Korean Subject Test.

⁴ For non-matriculating diploma students who took Algebra 1 in 8th grade, only two additional credits will be required.

*Two asterisks (**) denote classes that are offered on a rotating basis (rather than every year) and are not offered in the current (18-19) school year.*

NOTE: The courses listed in this catalog may not be offered every year, and the course descriptions may be altered to fit curricular needs. The goal is to make every course in the catalog available to every student at appropriate times before graduation.

GENERAL STUDIES:

Online Education Credit (½ credit) -- Elective online credits are generally obtained through study with our fully-accredited, online school, [North Star Academy](http://www.northstar-academy.org). Their course catalog is available at: <http://www.northstar-academy.org/catalog>. ICS-P students may enroll in NSA classes through our business office but may have to pay additional tuition costs, according to NSA's published tuition rates. North Star Academy is a member school of the Network of International Christian Schools (www.nics.org). If you have questions about costs, please contact the Business Manager, [Helen Lee](#).

ENGLISH/LANGUAGE ARTS:

English 9 (9th) (A. Engle) -- English 9 lays the foundation for advanced reading and writing. Students learn the basics of literary analysis for short stories, novels, poems, essays, and plays, including how to write literary analysis papers. The course also reviews the basics of writing and grammar to prepare students to write better and more complex compositions. Students read a variety of literary works, including non fiction. Students will also explore a variety of writing forms learning to express themselves through multiple formats. Students will encounter a variety of projects, short and long term, that require them to think critically and advance their writing and reading skills. (1 credit, required)

English 10 (10th) (A. Engle) -- English 10 builds on the foundation of the 9th grade course. Students continue to build their literary analysis skills and delve deeper into the texts they read and deeper into writing and grammar skills as students are required to write more complex essays. Students read a variety of literary works, including non fiction. Students will continue to explore a variety of writing forms practicing multiple forms of expression. Students will again encounter a variety of projects, short and long term, that require them to think critically and advance their writing and reading skills. (1 credit, required)

Global Literature: (11th and 12th Grade) (C. Thornton) -- Global Literature is an advanced level English course that explores multiple canons of literature and requires students to employ a variety of reading and writing strategies to engage in the texts they read. In addition to the foundational reading and writing skills students gained in previous courses, students will also engage more deeply in the historical analysis of texts they read. Short and long term projects will be a major part of the course, giving students opportunities to demonstrate advanced understanding of the literature they read and apply it in various ways.

Drama and Creative Writing: (11th and 12th Grade) (A. Engle) -- Drama and Creative Writing, is a unique advanced level English course. The course gives students a chance to focus more deeply on two applications of English language: theatre and creative writing. The course is a project based course, meaning students will engage in two semester long projects that require higher level thinking skills and application of learning. In semester one, students will learn about the English theatre. In addition to reading, writing and analyzing examples of theatre, students will work as a team to produce a school play as their final project for semester one. During semester two, students will focus on different forms of creative writing. In addition to reading, writing and analyzing creative writing, students will work as a team to produce a school literary magazine for publication.

****AP English Literature** (11th and 12th) (A. Engle) -- AP English Literature and Composition trains students to analyze various forms of literature through discussion and writing. Students will learn a variety of literary analysis techniques and approaches that they will apply to short stories, essays, plays, novels, and poems. Along the way, students will write informal, expository, analysis, and persuasive papers in response to literature. At the end of the year, students will be required to take the AP Literature and Composition exam. In order to be eligible for AP English, students must be a junior or a senior, have a B average in English, and complete required summer reading. (1 credit, elective)

****AP English Language & Composition** (11th and 12th) (A. Engle) -- The AP English Language and Composition course aligns to introductory college-level rhetoric and writing curriculum, which requires students to develop evidence-based analytic and argumentative essays that proceed through several stages or drafts. Students evaluate, synthesize, and cite research to support their arguments. Throughout the course, students develop a personal style by making appropriate grammatical choices. Additionally, students read and analyze the rhetorical elements and their effects in non-fiction texts, including graphic images as forms of text, from many disciplines and historical periods (College Board, *AP Language and Composition Course Overview*, 2014). In order to be eligible for AP English, students must be a junior or a senior, have a B average in English, and complete the required summer assignments. (1 credit, elective)

PHYSICAL EDUCATION:

9th grade Physical Education (Y. Song) -- Students will learn the components of fitness, sports tactics, and sport-related skills, while at the same time pursuing a higher level of fitness, agility, and coordination. Students will be challenged to think through the intangible lessons that are taught in this class, such as leadership, teamwork, integrity, self-respect, and faith. Students will also learn the importance of conditioning and maintaining good physical health. (1 credit, required)

MATHEMATICS:

Algebra 1 (Y. Song) -- In this class students learn and build their basic knowledge of functions. Students will solve, factor and graph a variety of linear and quadratic equations, inequalities, and systems of equations. By using a verbal model and writing equations, students will model and solve real-life problems. Algebra 1 is a foundational course for all other math classes and aids the development of problem-solving strategies. (1 credit, required)

Geometry (R. Gaul) -- In this class, students will learn the basic axioms, properties, and theorems of Euclidean geometry. Students will learn how to use logic to write two-column and paragraph proofs. While studying shapes, solids, and coordinate plane geometry, students will use algebra to solve problems, including real-life models. Students will become proficient at using rulers, compasses, and protractors to make constructions. Prerequisite: A passing grade in Algebra 1. (1 credit)

Algebra 2 (R. Gaul) -- In this class students will solve and graph a large variety of functions including linear and quadratic equations and inequalities, systems of equations in two and three variables, rational functions and conic sections. Students will develop a deeper understanding of algebraic properties by applying them to matrices, imaginary numbers, and logarithms. Throughout this class students will learn to use a graphing calculator. There are real-life applications for every topic. Prerequisite: Passing grade in or concurrently enrolled in Geometry. (1 credit)

Pre-Calculus (R. Gaul) -- The purpose of this class is to prepare students to take Calculus. Students will develop a deeper understanding of functions, graphing, and how geometry and algebra are connected. Students will learn to solve, graph and use mathematical models with trigonometric functions. New proof strategies learned include trigonometric identities and mathematical induction. Students will graph using the polar coordinate system. Students will solve challenging real-life problems related to the content they are learning. A graphing calculator is an essential tool for this class. Prerequisite: A passing grade in Algebra 2. (1 credit)

AP Calculus AB (R. Gaul) -- In AP Calculus AB, students will approach problems graphically, analytically, and numerically, while verbally being able to describe chief concepts. They will be required to use the various representations to give further support for solutions. AP Calculus AB will include both the study and application of limits, derivatives, and integrals. Students will become problem-solvers that have a solid foundation of calculus that leads them to see the God-designed beauty of mathematics. Prerequisite: A passing grade in PreCalculus or a grade of B or better in Algebra 2 with teacher permission. (1 credit, elective)

****AP Calculus BC** (R. Gaul) -- In AP Calculus BC, students will approach problems graphically, analytically, and numerically, while verbally being able to describe chief concepts. They will be required to use the various representations to give further support for solutions. AP Calculus BC will include both the study and application of limits, derivatives, integrals, parametric and polar equations, vectors, and infinite sequences and series. Students will become problem-solvers that have a solid foundation of calculus that leads

them to see the God-designed beauty of mathematics. Prerequisite: A grade of B or better in PreCalculus or a passing grade in AP Calculus AB. (1 credit, elective)

SOCIAL SCIENCES:

Practical Law (Kolbe) -- This one year course is intended to provide high school students with an opportunity to study the legal, judicial, law enforcement, and corrections systems of the United States. The class will focus on constitutional law, general legal principles, and the laws and procedures derived from them. Students will study constitutional law, civil and criminal laws, court procedures, and civil rights. This course is intended to provide students with the ability to understand government, individual rights, laws and legal disputes. We will accomplish this through case studies, mock trials, legal research, and other methods. We will also look at the roles played by lawyers, judges, and law enforcement professionals. The aim of this course is to allow students to gain a practical understanding of law and the legal system, and how it relates to their everyday lives.

World Geography (Kolbe) -- In this one-semester course, students will utilize physical and cultural perspectives to examine people, places, and environments at local, regional, national, and international levels. Students will describe the influence of geography on the events of the past and present with emphasis on contemporary issues. Students will study the physical processes that shape patterns in the physical environment; the characteristics of major landforms, climates, and ecosystems and interrelationships; the political, economic, and social processes that shape cultural patterns of regions; types and patterns of settlement; the distribution of movement of world population; relationships among people, places, and environments; and the concept of religion. Students will analyze how location affects economic activities in different economic systems. Students will identify the processes that influence the world's political divisions and analyze how different points of view affect the development of public policies. Students will compare how components of culture shape the regional characteristics and analyze the impact of technology and human modifications on the physical environment. Students will use problem- solving and decision-making skills to ask and answer geographic questions. (½ credit, required, taken in conjunction with Economics)

****Psychology** (Kolbe) -- The Psychology course is designed to introduce students to the systematic and scientific study of the behavior and mental processes of human beings and other animals. Students are exposed to the psychological facts, principles, and phenomena associated with each of the major subfields within psychology. They also learn about the ethics and methods psychologists use in their science and practice. (1 credit, elective)

Ancient World History (Kolbe) -- The design of this one year course is to provide students with a study of world history from prehistoric times to the European Middle Ages. The major emphasis of this course is on the study of significant people, events, and issues from the earliest times to the present. Students will examine historical points of reference, evaluate the causes and effects of economic imperialism, the historic origins of the world civilizations, trace the historical development of law, and analyze the impact of major religious and philosophical traditions. (1 credit, required)

Modern World History (Kolbe) -- The purpose of this one-year course is to provide students with a chronological study of world history from the European Renaissance to Modern

Times. The major emphasis of this course is on the study of significant people, events, and issues from the 15th century to the present. Students will examine historical points of reference, evaluate the causes and effects of economic imperialism, the historic origins of contemporary economic systems, trace the historical development of law, and analyze the impact of major religious and philosophical traditions. Students will analyze the connections between major developments in science and technology and the growth of industrial economies. (1 credit, required)

Economics (Kolbe) -- This one-semester course deals with the way that individuals and societies, particularly our society, have chosen to use scarce resources for the production of alternative goods. Students will learn how these scarce resources are distributed among the various peoples and groups in society. The course emphasizes the economic principles upon which the free enterprise system is based. Students will study the role the government plays in this system and compare the American economic system to other types of economic systems. Students will also receive practical information in the field of personal finance. (½ credit, required, taken in conjunction with World Geography)

AP World History (Kolbe) -- AP World History: Modern is an introductory college-level modern world history course. Students will cultivate their understanding of world history from c. 1200 CE to the present through analyzing historical sources and learning to make connections and craft historical arguments as they explore concepts like humans and the environment, cultural developments and interactions, governance, economic systems, social interactions and organization, and technology and innovation. Successful completion of the course satisfies the core social studies world history requirement for graduation.

BIBLE:

Survey of the New Testament, 9 (Wolfer) -- The New Testament is not a single book. Rather, it is a collection of 27 letters, written by many authors. Although each of the authors was inspired by God the Holy Spirit as he wrote the inerrant Scriptures, these letters come in various tones, styles, and genres. Also, the authors address varying topics and doctrines. The focus of this course will be the study of the NT texts according to historical-cultural and literary methods. Studying the texts in their historical and literary contexts prevents the reader from taking biblical passages out of context and forces the reader to seek out what the authors (both man and God) intended for us to understand in the Scriptures. (1 credit, required)

Systematic Theology and Ethics, 10 (Wolfer) -- This course will clearly outline the basic theology of orthodox Christianity, as it was taught by Jesus and the apostles and handed down by the faithful throughout the history of the church. Ethics is the discipline of discovering what is right and wrong (morality). Though we all have within us the capacity to discern what is right and wrong, and though we make judgments all the time about what is right and what is wrong, we often don't think about how or why we make the judgments that we do. In the ethics portion of our year, we will study different ways to discern right and wrong, how we decide what is right and wrong, and then learn how to apply our decisions to

real-life applications such as abortion, genetics, assisted suicide, capital punishment, war, sexuality, and the use of money. (1 credit, required)

Worldview Studies, 11 (Wolfer) -- A worldview is a set of basic assumptions that all people have regarding reality. Every person's actions and thoughts are guided by their worldview, whether they know it or not. In a pluralistic society, there are many conflicting worldviews that are competing. This course will present to the student several of the more prominent worldviews (Christianity, Islam, secular humanism, Marxism-Leninism, cosmic humanism, and postmodernism) and then reveal the practical outcomes of each worldview. Unashamedly this course will present Christianity as the worldview which makes the most rational sense of reality, and it will guide the students into examining other leading worldviews. In the process, they will synthesize their own basic worldview positions, which will be both rational and biblical. (1 credit, required)

Christian Apologetics, 12 (Mooney) -- Apologetics is based on the Greek word apologia, which means to make a defense, as in a court setting. Despite its similarity to the word apologize, the two words are unrelated. The word is used in the biblical passage from 1 Peter 3:15 -- "...but in your hearts honor Christ the Lord as holy, always being prepared to make a defense (apologia) to anyone who asks you for a reason for the hope that is in you; yet do it with gentleness and respect." In that context, Christian apologetics is the act of making a reasoned defense for the truthfulness and reliability of Christianity. In this course, the students will study and evaluate the many rational arguments for the existence of God, which have been developed for over two thousand years. Additionally, this course will take an introductory look at the development of western thought and philosophy, as it is tightly interwoven with the development of Christian apologetics. (1 credit, required)

SCIENCE:

Biology (Febus) -- Biology is a lab-oriented course designed to help students understand how individual organisms work and how these organisms interact in the environment. Points of emphasis include cell structure, energy systems, DNA, genetics, and relationships between structure and function in human beings. Systems such as the immune system are studied as well as environmental issues. In the study of origins, students become familiar with theories such as evolution and intelligent design. Students are encouraged to approach biology with a critical mind that is informed by a Christian worldview. This course also serves as a prerequisite to AP Biology. (1 credit, required)

Chemistry (Febus) -- A general survey and introduction to the field of chemistry is given in this course. Algebra 2 is encouraged as a prerequisite, but not required. The major concepts covered in this course are Observations, Measurements, and Calculations, Atomic Structure, Electrons and Periodic Behavior, Chemical Bonding and Molecular Structure, Conservation of Mass and Stoichiometry, Gases and Gas Laws, Liquids, Solids and Solutions, Kinetics and Thermodynamics. After taking this course, a student should be ready for a college level chemistry course and also have an understanding of Chemistry that will equip them with the basic knowledge they will need for most life experiences. In addition to standard education elements, students can expect to engage in labs and various problem

solving tasks and working with their hands using standard chemistry equipment. This course also serves as a prerequisite to AP chemistry. Must have a C or above in Biology to take this course.(1 credit)

****AP Chemistry (Febus)** -- This AP Chemistry course is designed to be the equivalent of the general chemistry course usually taken during the first year of college. For most students, the course enables them to undertake, as a freshman, second year work in the chemistry sequence at their institution or to register in courses in other fields where general chemistry is a prerequisite. This course is structured around the six big ideas articulated in the AP Chemistry curriculum framework provided by the College Board. A special emphasis will be placed on the seven areas of study: structure of matter, properties of matter, chemical reactions, rates of chemical reactions, thermodynamics, and equilibrium. **Prerequisite:** C+ or higher in Chemistry and shows basic understanding in other science courses (1 credit)

Human Anatomy & Physiology (Febus) -- This course is for those interested in science-related fields. Anatomy and physiology is a discussion and laboratory-based study of the human body. The study will range from molecules, cells, organs, body systems, and processes. Animal and organ dissection will complement course work. This course is designed for college preparation, especially for biology and health career majors. **Prerequisite:** C+ or higher in Biology, Chemistry and other science courses is required to participate in this course. (1 course)

Physics (Febus)-- This course is a challenging and in-depth look at the basic concepts in physics. Students develop problem-solving skills that are essential for success in physics. Students learn the laws of motion, force, momentum and energy. Other subjects are covered as time allows. **Prerequisite:** C+ or better grade in Biology, Chemistry, and other science courses and C+ or higher in geometry, algebra 1 and 2. This course also serves as a prerequisite to AP Physics. (1 credit)

AP Biology (Febus) -- AP Biology is a textbook and lab-oriented course designed to help students understand in depth how individual organisms work and how these organisms interact in the environment. We will be moving quickly and going more in depth than a regular biology course. Points of emphasis include cell structure, energy systems, DNA, genetics, and relationships between structure and the human body systems. This course will help to prepare you for the AP Biology exam. Students are encouraged to approach biology with a critical mind that is informed by a Christian worldview. **Prerequisite:** C+ or higher in Biology and Chemistry and other science courses is required to participate in this course

****AP Physics 1** -- This course is the equivalent to a first-semester college course in algebra-based physics. Students will cultivate their understanding of physics and science practices as they explore the following topics: Kinematics, Dynamics: Newton's laws, Circular motion, Simple harmonic motion, Impulse, Momentum, Work, Conservation of energy, Rotational motion, Electrostatics, DC circuits: resistors only, and Mechanical waves **Prerequisite:** Completion of Algebra 2 with a C or better **Prerequisite:** C+ or higher in physics, other science courses and C+ or higher in geometry, algebra 1 and 2, pre-calculus(1 credit, elective)

WORLD LANGUAGES:

Mandarin 1 (A. Thornton) - Mandarin 1 is a beginning level language course. It will lay down the basic foundation for learning to read, speak and write in Mandarin Chinese and prepare students to pass the Chinese Language examination, HSK 1. In this course, we will learn about pinyin, which will help the students learn how to pronounce Chinese. We will also discover the Chinese characters' writing patterns. Every unit will have a topic which is relatable to the students' life so students can apply what they learn to their life, improve their interest and make learning the language easier and more enjoyable.

Mandarin 2 (A. Thornton) - Mandarin 2 is an intermediate level language course. It will build on the foundation of Mandarin 1 and further develop students' ability to read, speak and write in Mandarin Chinese with greater fluency. Students will be prepared to pass the Chinese Language examination, HSK 2. Students continue to learn about Chinese culture while applying language fluency to new situations.

AP Mandarin (A. Thornton) - AP Chinese Language and Culture is equivalent to an intermediate-level college course in Chinese. Students cultivate their understanding of Chinese language and culture by applying the interpersonal, interpretive, and presentational modes of communication in real-life situations as they explore concepts related to family and community, personal and public identity, beauty and aesthetics, science and technology, contemporary life, and global challenges.

FINE ARTS:

Art (P. Gary) -- This introduction to the visual arts exposes students to the artistic techniques and expressions of various traditions, formats, and artistic media. The students work with pencil, oil paint, watercolor, clay, paper mache, and more. The class will emphasize not only artistic technique but also the general analysis and appreciation for the visual arts.

Yearbook (P. Gary) -- The yearbook students will develop their skills in planning, creative thinking, graphic design, editing, photography, time management, and decision making through the development of the ICS-Pyeongtaek annual yearbook. The yearbook reflects the pictorial history of the campus activities, events, and community life for that year. The class is guided by the teacher technologically and artistically, but the implementation and design is largely the responsibility of the student editorial staff. (1 credit, elective)

Music Theory and Form (K. Copeland) -- This is an elective course that students can take to fulfill their arts requirement for graduation. The emphasis on composition style can vary from year to year based on the abilities and number of students enrolled. By the end of the course each student should be able to: write a simple melody, use the elements of music theory such as pitch, rhythm, and harmony in short compositions, and arrange a song with varied instrumentation. Students will also be able to analyze current works of music for their

theory components. We will discuss how these components mix together to convey an artist's point of view or emotion. Students may be asked to perform short compositions at various events such as (Christmas Concert, Fine Arts Nights, student expositions, and misc.). Although a "theory" course, students will have several opportunities to engage themselves creatively throughout the semester through composition, group performance, etc.

COMMUNITY SERVICE:

Teaching Assistant (TA) -- The student will be assigned to help one of our faculty members (K-12) in the daily operation of his or her class. This class is primarily for a student who may be interested in pursuing a career in education. The TA's responsibilities could include any basic operational classroom tasks, such as, but not limited to, making copies, organizing documents, setting up projects, and participating in student activities. In addition, the TA will learn about curriculum, lesson planning, assessing, and will be asked to teach a class with the teacher present. The TA will be assessed by the supervising teacher and given a credit upon satisfactory completion of the given tasks at the end of the semester.

Athletic Director's Aide (Y. Song) --

Library Assistant (T. Lee) -- The library aid will help with a wide variety of tasks in the library. Daily activities will include: re-shelving books, straightening shelves, and processing new books. The aid will help choose new books for purchase and will help with library displays as needed. This student will be influential in activities and incentives offered through our library. The library assistant will be assessed by the librarian and given credit upon satisfactory completion of the semester.

Junior Seminar / Senior Seminar (Wolfer, Kolbe) -- The Junior Seminar or Senior Seminar course is a required one semester per year course for juniors and seniors. In addition to participating in a significant community service project each year, students will be required to develop their academic and extracurricular talents to help prepare them for the university application process. University application essay writing, critical thinking, public speaking, and various leadership methods are also important components of this course. (0.5 credit, required)

OTHER ELECTIVES:

Test Preparation 11th (Wolfer) -- The Testing Skills course was developed to help juniors in high school prepare to take the SAT & ACT exam for college acceptance. In this course, students will become knowledgeable in the SAT & ACT format, timing, and key skills and strategies in order to succeed. This also includes all 5 sections of the exam: evidence-based reading, evidence-based writing, mathematics (non-calculator), mathematics (calculator), and essay. Students will create individual accounts on Khan Academy in order to set up

individualized study plans to focus on their specific weaknesses. Students will be assessed on individual realistic goals on improvement and reflection, not on a set test score.

Life Skills 12th (Kolbe)-- Life Skills is a required course that will be taken by Seniors and is the second half pairing of Senior Seminar. This course is dedicated to helping Seniors get prepared for life after they graduate high school. Students will have the opportunity to gain knowledge on how to be independent while they are in post-secondary school. They will also develop their social/emotional skills and learn how to handle obstacles that may arise. Furthermore, they will be able to see what resources are available to help in different circumstances.

CURRENT NORTHSTAR OFFERINGS:

ICS-P students have also enrolled in the following NorthStar online courses:

- AP Chemistry
- Consumer & Business Math
- Algebra 2
- Geometry
- Biology
- Honors Chemistry
- Pre-AP Pre-Calculus
- Algebra
- AP Calculus
- AP Statistics
- AP Biology
- AP Human Geography
- AP World History
- AP European History
- Statistics
- AP US Government & Politics
- Comparative World Governments
- AP Microeconomics
- AP Macroeconomics

For lists of other courses available through NorthStar, see their course catalog at:
<http://www.northstar-academy.org/catalog>.



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