

# Curriculum Guide



2015-2016

**JUNE TERM**  
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GRAND RAPIDS  
CHRISTIAN HIGH SCHOOL

[www.grcs.org/highschool](http://www.grcs.org/highschool)



## CORE VALUES

**Rooted In Christ**

**Educated for Life**

**Connected through Relationships**

**United with Home and Church**

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# GRAND RAPIDS CHRISTIAN HIGH SCHOOL

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## 2015-2016 SCHOOL YEAR

Grand Rapids Christian High School is committed to an academic program that integrates the nurturing of faith and a Christian worldview throughout the curriculum. Accredited since 1926, the school offers a robust, liberal arts-based curriculum that has expanded recently to include the common core state standards.

We believe that the high school curriculum ought to be one of exploration as well as focus on mastery. The curriculum of Grand Rapids Christian High School provides a broad selection of elective classes as well as core subjects. Requiring a full four years of high school will help assure both breadth and depth in the student's high school experience.

Teachers at Grand Rapids Christian High School are well-qualified for their positions. Most teachers hold a master's degree in their discipline, and they:

1. Hold current State of Michigan teacher certification
2. Hold credentials as being highly qualified in their teaching assignments
3. Fulfill their continuing professional development expectations for the State of Michigan and Grand Rapids Christian Schools
4. Develop annual professional goals and professional learning plans

We expect our students to demonstrate knowledge of our Christian perspective and use this understanding as they are challenged to make decisions, raise questions, and examine real-life problems through the curriculum. We also expect students to be active participants in their learning, giving their best efforts toward developing a strong academic background for using their God-given potential to transform God's world. We believe that students can be successful; however, much of the success depends on working in partnership with families. We hope that this Curriculum Guide will help you gain a solid understanding of the course offerings and policies at Grand Rapids Christian High School.



# GRAND RAPIDS CHRISTIAN HIGH SCHOOL

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# DIPLOMA REQUIREMENTS

## REQUIREMENTS FOR A GRAND RAPIDS CHRISTIAN HIGH SCHOOL DIPLOMA

Students must complete four full years of high school studies. Ordinarily, the senior year must be completed at Grand Rapids Christian High School. Early completion of high school is not an option, regardless of credits earned in excess of the minimum requirements. A minimum of one full year at Grand Rapids Christian High School is required for a Grand Rapids Christian High School diploma.

GRCHS students must earn .50 Winterim credits per year as a graduation requirement. These Winterim courses will not count toward fulfilling non-Winterim graduation requirements.

All students must complete the following designated curricular requirements in order to earn a Grand Rapids Christian High School diploma.

### **CLASS OF 2017 AND BEYOND:**

#### **Must take 24 credits and 2 Winterim credits**

BIBLE AND THEOLOGY – 4 semesters

ELECTIVE – 1 semester

ENGLISH – 8 semesters

VISUAL, PERFORMING AND APPLIED ARTS – 2 semesters

MATHEMATICS – 8 semesters

PHYSICAL EDUCATION AND HEALTH – 3 semesters

SCIENCE – 6 semesters, including 4 semesters of laboratory science

SOCIAL STUDIES – 6 semesters

WORLD HISTORY & GEOGRAPHY I - II – 2 semesters

UNITED STATES HISTORY – 2 semesters

UNITED STATES GOVERNMENT – 1 semester

ECONOMICS – 1 semester

WORLD LANGUAGE – 4 semesters

### **CLASS OF 2016:**

#### **Must take 23 credits and 2 Winterim credits**

BIBLE AND THEOLOGY – 4 semesters

ELECTIVE – 2 semesters

ENGLISH – 8 semesters

VISUAL, PERFORMING AND APPLIED ARTS – 2 semesters

MATHEMATICS – 8 semesters

PHYSICAL EDUCATION AND HEALTH – 3 semesters

SCIENCE – 6 semesters, including 4 semesters of laboratory science

SOCIAL STUDIES – 6 semesters

WORLD HISTORY AND GEOGRAPHY – 2 semesters

UNITED STATES HISTORY – 2 semesters

UNITED STATES GOVERNMENT – 1 semester

ECONOMICS – 1 semester

WORLD LANGUAGE – 4 semesters

Students who have completed a required course in grade 8 may be exempt from the high school requirement only if the 8th grade course experience duplicates a GRCHS course, and one or more of the following has been attained:

1. A course grade of B or better and letter of recommendation from subject teacher
2. A minimum score of 85-90% on the specific GRCHS course exam

*High School credit is not given for exempted courses.*

## **REQUIREMENTS FOR A GRAND RAPIDS CHRISTIAN HIGH SCHOOL BASIC DIPLOMA**

The requirements for this diploma are the same as for a Grand Rapids Christian High School diploma with these exceptions:

- There is not a limit to the number of credits earned in modified courses.
- With prior approval, courses may be omitted from the normal subject distribution requirement based on individual student programming.

## **CLASS REQUIREMENTS**

In grades 9 through 12, all students must take a minimum of 3 hours of credit per semester. Students in 9th, 10th, and 11th grades are to be supervised in class the entire school day. Parents of seniors may request a parent-excused hour for their student.

Kent Career Technical Center, Kent Transition Center or Early College students must take a minimum of 1.5 hours of credit at Grand Rapids Christian High concurrent with the off-campus classes.

# Additional Curricular Information

- A. Grade Point Average** – Grade Point Average (GPA) values are based on the semester grade given for all completed courses.
- B. Adding Classes Late** – Generally students may not add courses after the first three full days of the semester.
- C. Courses Taken Outside Grand Rapids Christian High** – A student who is deficient in credits may take one course per semester in another approved school. Such courses must be approved by the school administration prior to being taken.
- D. Outside Credits** – Transfer students' academic status will be determined upon enrollment at Grand Rapids Christian High School. Academic records from previous schools will be used for placement and graduation requirement decisions. However, courses, credits, and grades from other schools will not appear on a GRCHS transcript. In addition, grades from outside schools will not be used to calculate the student's final GPA. The student's GRCHS transcript will consist of course work, credits, and grades completed at GRCHS.
- E. Criteria for Valedictorian and Salutatorian**
1. Students will have attained the top two cumulative GPAs of the senior class at the conclusion of seven semesters.
  2. Students must have earned the majority of credits through seven semesters at Grand Rapids Christian High School.
  3. Students must be full-time students each semester of high school.
- F. Dual Enrollment** – High school credit is given for dual enrollment courses, however they will not be recorded on the GRCHS transcript. A student who wishes to take dual enrollment courses, for which the school does not offer an equivalent course, must submit a written request signed by their parent. This request needs to include the reason for the request and a brief description of the course(s) to be taken. Final approval must be obtained from their counselor and/or principal.

See the Counseling Department website at [counselors.grcs.org](http://counselors.grcs.org) for complete details. Paper copies are available through the Counseling Office.

## **G. Independent Study**

When a student is enrolled on a regular basis at Grand Rapids Christian High School:

1. Independent studies are available to all grade levels. Ordinarily, the only reason for an independent study is due to an irresolvable class conflict.
2. No credit for independent study will be granted without the study having been given prior approval from the high school counselor.
3. Usually a maximum of one course (0.5 credit) per semester is allowed as an independent study for a student.
4. An independent study must be supervised by a GRCHS teacher.

When a student is unable to take courses on Grand Rapids Christian High School's campus:

1. Arrangements can be made to take core course work only. These arrangements must be made in advance through the high school counselor.
2. Credit will be granted only if the study is conducted under the jurisdiction of a recognized online high school program or by a Grand Rapids Christian High School teacher.
3. Credit for an independent study will be awarded on a pass/fail basis. No letter grade will be awarded for use in the student's cumulative GPA.
4. A flat fee of \$250.00 will be assessed for each semester course (.5 credit).
5. Under these arrangements, no more than four credits will be granted to any student.

**H. Kent Career Technical Center and Kent Transition Center** – Students who desire to participate in Technical Center or Transition Center programs must work out their schedules and programs with their counselor. These programs are considered to be auxiliary programs available to all area high schools. Since neither Kent Career Technical Center, nor Kent Transition Center are a credit-granting institution, all participants must be enrolled in and attend classes at GRCHS.

**I. Replacement Credit**

1. In order to receive replacement credit, the course must be retaken within one year.
2. Replacement courses may only be taken if the original grade was C+ or lower, and you have been granted permission by an administrator.
3. After a replacement course has been completed an R (meaning replacement) will appear on the transcript in place of the previous grade. (the C+ or lower) If the class was taken at Grand Rapids Christian High School, the new grade will appear on the transcript. If the class was taken elsewhere the replacement grade will not appear on the transcript. A copy of the transcript from the school where the course was completed will be included with the transcript from GRCHS.

**J. Grade Modifications**

1. Students may require modifications to course work in individual cases. These modifications may reflect special learning needs or honors challenges.
2. Teachers will consult with students, counselors, and parents about the use of modifications. Such modifications will require administrative approval.
3. Parents or guardians will receive notice of these modifications.
4. Modifications will be reflected in course grading and noted on the student's permanent school record.

Implications for M Grade Modifications

1. If more than fourteen courses are modified, the student is placed on a basic diploma track.
2. Students and parents should be aware of NCAA (Division I and II) rules for athletes that prohibit accepting modified courses for first-year college athletes.
3. Modifications can be applied only to GRCHS courses. Course grades may be modified by using a 60% grading scale or alterations to course work.

**K. Grading Irregularities** – International students with limited English proficiency may be given credit /no credit grades for their first semester at Grand Rapids Christian High School. Some 9th grade students placed in the special support program may receive credit /no credit grades during their first marking period.

**L. Grand Rapids Christian High School Advanced Placement (AP) Contract**

GRCHS is committed to providing an environment in which all students have access to a rigorous academic curriculum, including Advanced Placement (AP) courses. Students enrolling in an AP course are demonstrating a willingness to meet the rigor of AP curriculum.

An AP course offers material that is intellectually stimulating and challenges students beyond the scope of regular classroom work.

- **assumes a mastery of the basics required for further study in a given area**
- **emphasizes the quality of work even though more work will be given**
- **provides depth of knowledge through the study of ideas, themes, and problems**
- **encourages use of higher order thinking skills including abstract reasoning, analysis, synthesis, and evaluation**
- **requires flexibility in thinking**
- **calls for proven student work ethic and full engagement in learning**
- **promotes the use of a variety of in-depth performance tasks and assessments**

GRCHS requires that all students and their parent/guardian(s) sign this contract to acknowledge that the student is making an informed decision regarding enrollment in an AP course. In addition to this contract, students are also required to watch an online webcast of the respective AP course for which the student has enrolled. During this webcast, the teacher(s) will present the nature of the course, course expectations, and some of the benefits for enrolling in the course. Webcasts are available on the GRCHS website ([www.grcs.org/netcommunity/grchs-ap-programs](http://www.grcs.org/netcommunity/grchs-ap-programs)) under “AP Program.”

**STUDENT AND PARENT/GUARDIAN(S) REVIEW THE FOLLOWING CONTRACT INFORMATION:**

1. I understand that participation in an AP class requires me to demonstrate:
  - **a high level of student independence**
  - **a high degree of student responsibility**
  - **independent mastery equivalent to a college level course**
2. I understand that I am expected to:
  - **remain in the class for the entirety of the first semester unless I drop the class within the first four weeks of the semester as in accordance with Parent-Student Handbook. (A grade penalty of “E” will be imposed if the class is dropped after the four week time frame.)**

We are excited about providing an opportunity for your student to take such a rigorous academic course, and we commend both you and your child for accepting such a challenging opportunity. The actual contract form will be made available by your child's counselor.

# GRAND RAPIDS CHRISTIAN HIGH SCHOOL

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## COURSE DESCRIPTIONS

### Applied Business

*All classes offered are electives*

- ACCOUNTING I** – This elective course offers an important and necessary foundation for students in their preparation for college and business, as well as in their personal finances. The course provides students with a basic understanding of fundamental accounting practices and procedures. Students will learn and understand accounting terminology, concepts, principles, and procedures through the use of workbook applications, computerized applications, and a business simulation. Checking accounts and payroll applications are also covered in this course.
- COMPUTER APPLICATIONS** – For students not familiar with the Mac platform or those who would like to further explore the technology at their fingertips, this course will familiarize students with a variety of computer applications. This survey course will cover skills needed to be successful in school and beyond while also focusing on our Christian responsibilities in today's technology saturated world. Open to all grades.
- MARKETING/MANAGEMENT** – This elective course provides students with a basic understanding of our American Market system. It introduces students to the various functions of marketing, business, and personal finance. Students learn through the use of various activities, including case studies, group projects, computer applications, workbook applications, and the actual operation of a student-run company that designs and sells a product. Various marketing and management decision-making skills are learned and applied in this course.
- PROGRAMMING THE RASPBERRY PI** – Built around the idea that twenty-first century students are made in the image of a creative God, this course seeks to allow students to explore the world of computer programming. The course is built around the Raspberry Pi, a micro-computer that was designed to get students programming and has since become a favorite of hobbyists worldwide. Each student will learn the basics of linux operating systems as well as programming in Python and Processing, a Java-based environment. The course will culminate in a project where students create their own Pi-powered device. The department recommends students to have completed or be concurrently taking Advanced Algebra.

### Applied Technology

*All courses offered are elective.*

***TECH COMM ARCHITECTURE, TECH COMM DESIGN, and INTRO-TECH I are eligible to apply toward the VISUAL, PERFORMING AND APPLIED ARTS requirement.***

***\* courses open to incoming freshmen***

- \*INTRO TO TECHNOLOGY** – Each student will be exposed to careers and concepts in technical communications, manufacturing, construction, and transportation. The student will participate in problem-solving activities that should pique interest and enhance skills related to applied technology. Stewardship of time and resources will be emphasized.
- CONSTRUCTION PRACTICES** – Each student will be introduced to the basic concepts in residential construction. The Applied Technology department has teamed up with ICCF to frame a house in our lab. Students will also work on main set construction for the musical. A variety of procedures and practices will be presented.

***Prerequisite for freshmen and sophomores: INTRO TO TECHNOLOGY or INTRO TO ENGINEERING GRAPHICS***

- MANUFACTURING PROCESSES** – Decals, T-shirts, welding, and design are just a few of the activities for this class. Each student will experience activities related to the manufacturing industry today. An in-depth look at resources, processes, and new technologies will take place. Students will design and manufacture finished products.

***Prerequisite for freshmen and sophomores: INTRO TO TECHNOLOGY or INTRO TO ENGINEERING GRAPHICS***

**MANUFACTURING: WOOD TECH** – Students will be part of a manufacturing team that designs and produces a multi-functional cabinet. Safety and stewardship practices will be emphasized. Although woodworking techniques are introduced, general manufacturing principles will be emphasized.

**Prerequisite for freshmen and sophomores: INTRO TO TECHNOLOGY or INTRO TO ENGINEERING GRAPHICS**

**TECH COMM ARCHITECTURE** – Home styles, functional design, and construction methods used in residential and commercial architecture will be reviewed by students. Computer aided drafting techniques will be used to complete a portfolio and media presentation for a client.

**Prerequisite for freshmen and sophomores: INTRO TO TECHNOLOGY or INTRO TO ENGINEERING GRAPHICS**

**TECH COMM DESIGN** – A team-taught course where each student will be introduced to principles and elements of design. Students will understand a design loop and apply it to several design problems in the technology computer lab and the visual arts room. A wide variety of design careers will be presented. This course will be divided into three-week sessions. Students who register for TECH COMM DESIGN or VISUAL ARTS DESIGN are enrolled in the same course. This course may be taken only once.

**Prerequisite for freshmen and sophomores: INTRO TO TECHNOLOGY or ART FOUNDATIONS or INTRO TO ENGINEERING GRAPHICS**

**\*INTRO TO ENGINEERING GRAPHICS** – Each student will experience the basic principles of technology and the language of technical drawing. Template, perspective, multi-view, and computer-aided drawings will be completed. An emphasis is placed on problem-solving techniques. Students will learn the Solidworks 3-D graphics program. Basic measurement and math skills are essential.

**PRE-ENGINEERING** – Practical engineering concepts will be introduced: geometric structures, levers and pulleys, hydraulics, pneumatics, electronics, and other principles. Several lab activities created to solve simple and complex problems will be presented. A major design problem will be solved. For approved juniors and seniors only.

## Bible and Theology

**All courses are required for graduation except: ADVANCED TOPICS IN BIBLE AND THEOLOGY and WORSHIP.**

**BIBLICAL SURVEY--OLD TESTAMENT (9th GRADE)** – Focusing on the Old Testament, this course seeks to draw together the themes and ideas that run through the whole Bible. A key point of focus is fostering the ability to see God at work in biblical history, as well as in our own lives. We observe how God has much to say to a world that has so many questions about life, truth, and salvation. There is an emphasis on how the Old Testament sets the stage for the fulfillment of God's plan found in the Good News of Jesus Christ as Lord.

**BIBLICAL SURVEY--NEW TESTAMENT (10th GRADE)** – Focusing on the New Testament, this class seeks to look at the life and times of Jesus, the teaching of the Gospels, and the growth of the early Church. Key themes will include how we read and understand the Bible and how we apply this text to our lives today. The focus of this course is on how key biblical teachings apply to all areas of life. Students are taught to think biblically about the practical side of Christian social ethics, morals, the church, and personal decision-making.

**CHRISTIANITY AND WORLD RELIGIONS (11th GRADE)** – This class focuses on the history of Christianity and the beliefs of other world religions. The course begins with a study of the Christian Church and the formation of its theology. Specific attention is given to the development of the creeds, denominational structure, and the challenges the Church encountered throughout the ages. Upon setting the foundation of Christian theology, the course examines the major religions of the world. After looking at Judaism, Islam, Hinduism, and Buddhism, and comparing their beliefs and practices to Christianity, the course presents a thoughtful defense, or apologetic, of Christian belief in the light of Christian history. Of particular importance is the question of how our faith relates to these other faiths.

**CHRISTIAN WORLDVIEW (12th GRADE)** – This course provides an understanding of worldview development and then looks at various contemporary worldviews. Upon critical examination of the contemporary worldviews, the course articulates the Christian worldview and provides a thoughtful response to the competing philosophies. Specific attention is given to the Reformed Christian perspective as we confront critical questions such as who we are and what kind of world we live in. Attention is also given to issues such as the brokenness of our society and the ways to bring redemption to our fallen world. The course provides an opportunity for students to individually articulate their faith development and culminates with a project that asks students to engage a controversial issue and analyze it through the lens of a Christian worldview.

**ADVANCED TOPICS IN BIBLE AND THEOLOGY (10th – 12th GRADE ELECTIVE)** – The course will address a variety of advanced biblical and theological topics. Focus areas will vary by semester and may include, but are not limited to, such topics as Biblical studies, contemporary literature and film in the Church, significant theological contributors or streams of thought in Church history, etc. This class is an elective but in special cases may be substituted for another course in the department.

**CHAPEL AND WORSHIP** – This class explores the basics of Christian Worship and how this relates to chapel in particular, and the spiritual life of the school in general. Students will plan chapels, write devotions, and arrange activities within the school that seek to foster the spiritual formation of all students.

*This class is limited to twelve students who MUST get permission from the Bible and Theology Department PRIOR to course selection.*

## English

*Eight semesters of English are required.*

*All 9th graders must take SPEECH AND COMPOSITION and LITERARY GENRES.*

*All 10th graders must take MEDIA STUDIES and WORLD LITERATURE.*

*All 11th graders must take either COMPOSITION, ADVANCED COMPOSITION, or an AP course.*

*All 11th and 12th graders must take AMERICAN LITERATURE either during their junior or senior year.*

**SPEECH AND COMPOSITION** – A required course for all freshmen and in the first semester. Students will practice the composition process and hone their skills for communicating with a live audience.

**LITERARY GENRES** – A required course for all freshmen, in the second semester. The literature consists primarily of narrative texts that include novels, drama, poetry, and vignettes. The course includes composition skills and outside reading.

**MEDIA STUDIES** – A required course for all sophomores during the first semester. The course looks at media texts from film, television, advertising, and music to practice critical reading from a Reformed Christian perspective. The course includes composition instruction.

**WORLD LITERATURE** – A required course for all sophomores during the second semester. Students will read a variety of literary forms, including mythology, the novel, the short story, poetry, and the graphic novel.

**GRAPHIC NOVELS** – In this co-curricular class, students will receive one English and one Visual, Performing and Applied Arts credit while learning about the literary and artistic merits of the graphic novel genre. Students will participate in literary analysis of published works while creating their own graphic novels, focusing on both the writing process and visual storytelling. Students will meet for two class periods, rather than the standard single period, allowing for a more in-depth study of this unique art form, highlighting its unique fusion between the Fine Arts and Literature. This double-elective is open to 10th through 12th grade students.

**AMERICAN LITERATURE** – Required one-semester course in either the junior or senior year. The course is a survey of American literature from the founding of our country to the present, including major authors and characteristics of various time periods. This course parallels historical events as they relate to the philosophies and writing styles of American authors and includes expository writing, responsive writing, class discussions, and tests and quizzes.

**AP LANGUAGE & COMPOSITION** – This is a full-year course for admitted 11th graders. Through the use of nonfiction texts and their own writing, students will learn to analyze implicit and nuanced arguments and build their own complex arguments to persuade the reader, listener, and/or viewer. Students will critically examine information gathered from a variety of nonfiction sources and evaluate the types of sources and credibility of the information.

**BRITISH LITERATURE** – Elective course for 11th and 12th graders. This literature course includes the study of poetry, prose, and drama of Western writers, with an emphasis on British authors. The course is arranged thematically and focuses on class discussion and student response through writing assignments, tests, and quizzes.

**AP LITERATURE & COMPOSITION** – This is a full-year course for admitted 12th grade students. Poetry, prose, and drama are studied in greater depth than in BRITISH LITERATURE. Additional writing assignments and discussions emphasize a more technical analysis of literature. The class helps prepare students for the Advanced Placement test offered in the spring.

**COMPOSITION** – A composition course in which students study the basics of good writing: well-developed paragraphs, unity, coherence, and style. Students practice expository writing through the basic five-paragraph essay, with emphasis on introduction, thesis statement, supporting detail, organization, and conclusion. Included is a seven-week period of library research and research paper. Required for all juniors who will not take an AP course or Advanced Composition.

**ADVANCED COMPOSITION** – An advanced composition course in which students review several characteristics of good writing: coherence, unity, thesis statements, and style. Students also practice several kinds of writing: exposition, argumentation, and description. Included is a six-week period of library research and an extended paper. This course is intended for 11th and 12th grade students who already possess strong writing ability. Primary focus will be on developing the ability to write at the collegiate level.

**CONTEMPORARY NONFICTION** – Contemporary Nonfiction is an elective course for 11th and 12th graders. Students in this course will read a variety of recently written nonfiction texts in several genres, including memoir, social criticism, and travel writing. Students will also practice writing in several of those genres. The course focuses on reading, class discussion, and student response, and includes independent reading of student-selected works.

**CREATIVE WRITING & INTERPRETATION** – In this class, students will analyze literature and technique with the goal of writing and presenting finished pieces of poetry, prose, and drama. The class provides opportunities for the students to communicate and respond to their writing through a variety of dramatic experiences: tableaux, improvisations, role-playing, storytelling, oral interpretation, and readers' theatre. Students will experience a comfortable environment where they can share, explore, and create. The course is an elective for 10th, 11th, and 12th grade students.

**FORENSICS** – This class is an advanced speech course recommended for students who may be interested in individual or group competition outside of school, although it is not required. Research, interpretation, presentation, evaluation, and coaching sessions are offered in public address categories such as informative, oratory, impromptu, extemporaneous, and broadcast speaking as well as in oral interpretation events such as prose, poetry, drama, humor, and children's literature. The course also includes units that focus on interpersonal communication, problem solving, and small group dynamics. Ninth graders can substitute this course for Speech and Composition; sophomores, juniors and seniors may take it as an elective.

**MODERN FICTION** – The reading and study of novels, including the basic elements and techniques of fiction: plot, characterization, theme, tone, point of view, and setting. This course also includes a substantial amount of student writing. This course is intended for students who are interested in reading, discussing, and working with quality fiction and in writing some works of their own. This course is offered only to 11th and 12th grade students proficient in reading and writing.

# Family and Consumer Sciences

*All courses offered are elective.*

**RELATIONAL HEALTH and NUTRITIONAL HEALTH are eligible to meet the third semester PE/Health graduation requirement.**

**SKILLS FOR LIVING** – Introductory course to all Family and Consumer Science classes. Topics covered include communication, consumerism, financial management, clothing construction, food prep, and personal nutrition. In-class projects include building personal awareness and self-esteem, family financial management simulation activity, sewing a sweatshirt, and preparing healthful meals. Intended for 9th and 10th graders.

**CLOTHING CONSTRUCTION** – This course is intended for all levels of ability—from an experienced sewer to someone with no experience at all. Students learn a variety of basic sewing skills, including hand sewing on buttons, putting in zippers, and attaching waistbands. In addition, students will develop skills using a serger and altering existing clothing. Major projects involve creating a top or bottom garment of the student’s choice, recycling an existing product into a wearable garment or accessory, and researching and presenting a fashion history project. This class is open to 10th, 11th, and 12th grade students.

**NUTRITIONAL HEALTH** – This course is intended to provide students with the information necessary to develop life-long healthy eating habits. Topics include understanding cooking terms, equipment, reading recipes, accurate measurement of ingredients, and proper knife skills, implementation of myplate.gov, practicing safe food preparations skills, and altering recipes to meet a variety of dietary health needs. Highlights: weekly cooking labs, diet and nutrition analysis, and a three-course meal management project.

**RELATIONAL HEALTH** – This course is designed to guide students in learning about the complex world of relationships and to foster healthy emotional health. Topics include discovering oneself, friendships, families, dating, engagement, sexuality, marriage, prenatal development, childbirth, and early childhood development. Class activities include guest speakers, cost of having a child project, Baby-Think-It-Over care simulations, prenatal development and birth videos, early childhood media and toy evaluations. Intended for 11th and 12th graders.

# Visual, Performing and Applied Arts

*Two semesters of study in the Visual, Performing and Applied Arts will be required for graduation.*

*Any two semesters of classes taken in the Visual, Performing and Applied Arts Department will fulfill that requirement.*

## Music

*All courses offered are for a full year, except when noted.*

*Placement of students enrolling in performing groups is done with the consent of the instructor.*

*All courses may be applied toward the Visual, Performing and Applied Arts graduation requirement.*

*Extracurricular groups under the supervision of this department include:*

*vocal ensembles, pep band, and instrumental ensembles.*

**A CAPPELLA WOMEN** – A choral ensemble made up of 9th – 12th grade women. Members will continue to develop their skills in voice production while learning and performing music in three and four parts that represents a variety of styles and levels of difficulty. Some time will also be dedicated to the study of music theory. For concerts this group will sing as A Cappella Women but also combine with A Cappella Men to form a large mixed choir – A Cappella, which has a long and rich history at GRCHS. Performances include three concerts involving all of our high school choirs, chapel services, and District and State Choral Festivals.

**A CAPPELLA MEN** – A choral ensemble made up of 9th through 12th grade men. Emphasis is placed on developing the male voice’s unique qualities, and addressing voice issues related to it. Music to be performed is in three or four parts and represents a variety of styles and levels of difficulty. Some time will also be devoted to the study of music theory. For concerts this group will sing as A Cappella Men but also combine with A Cappella Women to form a large mixed choir – A Cappella, which has a long and rich history at GRCHS. Performances include three concerts involving all of our high school choirs, Chapel services, District and State Choral Festivals.

**CHAMBER CHORALE** – A smaller, highly select mixed ensemble made up of juniors and seniors. Auditions are held in February for the following year. Members focus on learning and performing challenging repertoire with attention paid to the details that produce high quality performances. This group sings many times throughout the year for community organizations, church services, District and State Choral Festivals, as well as the concerts at our school. Chamber Chorale is recognized as one of the top ensembles in the State of Michigan. As such they have been selected numerous times to perform for the Michigan Music Conference and the Michigan Youth Arts Festival.

**CONCERT BAND** – Large ensemble emphasizing the development of musicianship of students in instrumental music. Previous experience playing an instrument and reading music notation is required. Placement is based on music teacher recommendation.

**JAZZ BAND** – An ensemble made up of various instruments arranged for the purpose of playing Jazz, Rock and other alternative forms of music. Students must have previous experience and must be enrolled in a major performing group (Band, Orchestra or Choir). Jazz Band will meet during the 80 minute scheduled class period, students will spend the remaining class periods in either Study Hall or a Collaborative Learning.

**SYMPHONIC BAND** – Large ensemble of selected musicians who study and perform major works of band repertoire. Placement is based on an audition with the director.

**SINFONIA** – Large String orchestra ensemble that continues development of musicianship of string students through technical study and performance. Previous experience playing an instrument and reading notated music is required. This group performs in a formal setting 3 times a year. They also participate in MSBOA activities.

**SYMPHONY STRINGS** – Large string orchestra ensemble that studies and performs major works of symphonic literature. This is an auditioned group and auditions are held in March with the director for the following year. This group performs in at least 5 formal concerts each year. They also participate in MSBOA activities.

## Theatre Arts

*All courses are eligible to apply toward the Visual, Performing and Applied Arts graduation requirement.*

**ACTING I** – This class will introduce the student to the basic principles and techniques of performing, including vocal technique, pantomime, and improvisation. The students will have opportunities to perform in class with monologues, duo and group scenes, and through study of the various types of theatre styles.

**ACTING II** – In ACTING II, students continue developing skills developed in Acting I. There is much more emphasis on script work. This semester will include units on musical theatre, classical theatre and dialects, and the audition.

**Prerequisite: ACTING I.**

**PRODUCTION I** – This class will instruct students in the technical aspects of the theatre, including basic principles of set design, set construction, lighting, costume and makeup, sound, special effects, and business practices. Students will have the opportunity to develop their own production during the year.

**ADVANCED STUDIES IN THEATRE** – This class is geared for the serious student in his/her second year of theatre and beyond who wishes to study theatre much more intensely and guide his/her program. Students set their own program with guidance from the instructor, clearly defining personal objectives and goals. Students in these classes have the chance to work independently or in small groups, redefining their course of study every nine weeks. Students are required to include a research-based project. Some possible units: script writing, theatre history, directing, technical theatre onstage productions, playwright study, advanced acting/musical theatre. This class can be taken more than one semester. Permission of the instructor is required.

**DANCE I** – This class includes units in ballet and contemporary dance. Limited enrollment.

**DANCE II** – This class focuses on advanced instruction in ballet and contemporary dance. Permission of the instructor is required.

## Visual Arts

*All courses are eligible to apply toward the Visual, Performing and Applied Arts graduation requirement.*

**ART FOUNDATIONS** – Students will explore a variety of art media, including drawing, painting, printmaking, sculpture, and ceramics. Emphasis is placed on both the technical and conceptual aspects of making art. This class is for anyone--from the student who thinks he/she can only draw “stick figures” to the student with advanced level artistic interests.

**GRAPHIC DESIGN** – Students will learn how to design like the pros while exploring the art of sharing ideas and information with others. This class includes photography, print media (T-shirts, magazine, posters, etc.), advertising (logos, branding, and infographics), as well as web-based media including simple animation. The Adobe Design Suite will be highlighted while learning Adobe Photoshop, Illustrator, InDesign, and Flash.

**Prerequisite:** *ART FOUNDATIONS*

**ILLUSTRATION and ANIMATION** – Students will explore art making with digital tools, including developing original characters, scenes, objects, motion graphics, and other dynamic digital imagery. Traditional drawing, painting, sketching, sculpture, and mixed media techniques will be combined and elevated within a digital platform. Students will also have the opportunity to experiment with 3D modeling and 3D printing. The key programs used will be Adobe Photoshop, Illustrator, and Flash.

**Prerequisite:** *ART FOUNDATIONS*

**GRAPHIC NOVELS** – In this co-curricular class, students will receive one English and one Visual, Performing and Applied Arts credit while learning about the literary and artistic merits of the graphic novel genre. Students will participate in literary analysis of published works while creating their own graphic novels, focusing on both the writing process and visual storytelling. Students will meet for two class periods, rather than the standard single period, allowing for a more in-depth study of this unique art form, highlighting its unique fusion between the Fine Arts and Literature. This double-elective is open to 10th through 12th grade students.

**DRAWING** – Students will explore a variety of drawing methods and materials throughout this semester. This course provides a comprehensive study of various forms of drawing and multi-media work. Emphasis is placed on learning skills and techniques that will enable students to effectively communicate meaningful visual concepts through their work.

**Prerequisite:** *ART FOUNDATIONS*

**PAINTING** – This course will allow students to explore painting methods and materials in depth. During this course, students will have the opportunity to move from a study of basic painting techniques into more self-directed and advanced thematic paintings.

**Prerequisite:** *ART FOUNDATIONS*

**PRINTMAKING** – This course allows students to explore various methods involved in the exciting printmaking process, including calligraphy, etching, reduction, and silk screen prints. Emphasis is placed on the synthesis of student-generated ideas with the graphic possibilities involved in printmaking.

**Prerequisite:** *ART FOUNDATIONS*

**ADVANCED ART STUDIES** – This course is designed for junior and senior students who have a serious interest in the Visual Arts and can work well independently. Students will develop a portfolio that is based on a conceptual theme of their choosing. Students will also have the opportunity to go on a field trip to an art museum.

**Prerequisites:** *ART FOUNDATIONS plus at least two of the three following courses: DRAWING, PAINTING, PRINTMAKING.*

**CERAMICS & SCULPTURE I** – Discover the possibilities of ceramic media in contemporary sculpture. Work with clay as a sculptural material while focusing on basic construction and finishing techniques. Learn hand building, wheel thrown pottery, surface design, glazing and kiln firing.

**Prerequisite:** *ART FOUNDATIONS*

**CERAMICS & SCULPTURE II** – Explore three-dimensional concepts, skills, and processes of ceramics and sculpture. Emphasis is placed on advancing the student’s ability on the wheel, hand building sculptural techniques, and Raku firing. Students will also produce a large-scale group sculpture that will be permanently installed on the school campus.

**Prerequisite: CERAMICS AND SCULPTURE I**

**VISUAL ART DESIGN** – This is a team taught course in which students will be introduced to the elements and principles of design. Emphasis is placed on visual problem-solving skills as well as the design loop, which marks the process through which a conceptual idea becomes a design reality. Students will work on projects in both the technology computer lab and the visual arts studio. Various careers in design will be presented.

**Prerequisite for freshmen and sophomores: INTRO TO TECHNOLOGY or ART FOUNDATIONS.**

**Students who register for TECH COMM DESIGN or VISUAL ART DESIGN are enrolled in the same course. This course may be taken only once.**

## Mathematics

***Eight semesters of mathematics are required.***

**ALGEBRA I and II** – The student will study the real number system involving generalizations and symbolic manipulation. Topics include: integers; properties of real numbers; methods of solving equations, inequalities, and linear systems; polynomial computation, simplification, and factoring; coordinate and linear graphing; percentage; and introductory units in statistics and probability. Emphasis is placed on relating topics and linking learning to real life situations. Use of graphing calculators is included whenever possible. The pacing of topics and the style of presentation are appropriate to the learner.

**GEOMETRY I and II** – The student will study properties, mathematical relationships, and proofs; improve skill in drawing, visualizing, and following algorithms; use geometric ideas in real situations; and represent geometric concepts with coordinates, networks, or other diagrams. The pacing of topics and the style of presentation are appropriate to the learner.

**Prerequisite: ALGEBRA I and II**

**ENHANCED GEOMETRY I and II** – The student will study properties, mathematical relationships, and proofs; improve skill in drawing, visualizing, and following algorithms; use geometric ideas in real situations; and represent geometric concepts with coordinates, networks, or other diagrams. This course emphasizes reading, problem solving, and writing.

**Prerequisite: ALGEBRA I and II**

**INTERMEDIATE ALGEBRA I and II** – This course includes a comprehensive review of procedures and concepts learned in ALGEBRA I and II, here studied in more depth, with an introduction of Advanced Algebra topics. Topics include: algebraic problem solving; linear, quadratic, and higher order polynomial functions; exponential functions; solving equations and inequalities; systems of equations; triangle trigonometry; and statistical models of data. Advanced Algebra topics introduced: linear, quadratic, and exponential functions and logarithms, trigonometry, and graph analysis. The pacing of topics and the style of presentation are appropriate to the learner.

**Prerequisite: GEOMETRY I and II**

**ADVANCED ALGEBRA I and II** – This course is an extension of the algebra concepts learned in ALGEBRA I and II. Topics include: sequences and series; matrices; systems of equations; functions and function notations; linear, quadratic, and higher order polynomials; exponential and logarithmic functions; an introduction to trigonometry; mathematical models of data; and complex numbers. This course emphasizes reading, problem solving, and student-directed learning.

**Prerequisite: GEOMETRY I and II ENHANCED or INTERMEDIATE ALGEBRA I and II**

**FUNCTIONS, STATISTICS, & TRIGONOMETRY I and II** – Students will study the theory, application, and modeling of linear, quadratic, higher order, power, exponential, logarithmic, and circular functions, and of sequences and series. Statistics topics include: data collection, measures of center and dispersion, distribution, correlation, line and curve fitting, permutations, combinations, and probability. The trigonometry portion of the course covers graphs and properties of trigonometric functions, laws of sine and cosine, unit circle relationships, and trigonometric identities.

*Prerequisite: ADVANCED ALGEBRA I and II*

**AP STATISTICS I and II** – Topics in data analysis, probability, and statistics are presented. Topics include measures of center and dispersion, variance, distribution, samples, plots, curve fitting, regression lines, correlation, probability, and inference. Focus is placed on preparation for the national AP Statistics exam.

*Prerequisite: FUNCTIONS, STATISTICS, AND TRIGONOMETRY I and II*

**PRE-CALCULUS I and II** – This course includes the study of linear, quadratic, higher order polynomial, exponential and logarithmic, and trigonometric functions; unit circle and triangle trigonometry; analytic geometry; polar coordinates and graphs; sequences and series and their limits; combinatorics, probability, and statistics.

*Prerequisite: FUNCTIONS, STATISTICS, AND TRIGONOMETRY I and II*

**INTRO TO COLLEGE STATS & CALCULUS** – An overview of the entire mathematics curriculum will be presented as well as the enrichment of topics in each of the various classes. Practical uses of mathematics will be taught as this project-based course will examine some current and future decisions that the students could encounter.

*Prerequisite: FST or PRE-CALCULUS*

**AP CALCULUS I and II** – In this course students will explore, define, and understand the meaning of and relationship between the derivative and the integral of various functions. Students will work with functions represented graphically, numerically, analytically, and verbally. Students will learn to model problem situations with functions, differential equations, and integrals, and will communicate this data in oral and written form.

*Prerequisite: PRE-CALCULUS I and II*

**SENIOR STATISTICS & APPLIED MATHEMATICS** – This course includes a study of statistics, probability, finance, and other applied mathematical concepts, as well as fundamental topics from Algebra II. Enrollment is open only to seniors with department recommendation.

*Prerequisites: INTERMEDIATE or ADVANCED ALGEBRA I and II*

## Physical Education and Health

*Three semesters of physical education are required.*

*Ninth graders must take HEALTH AND FITNESS.*

**HEALTH & FITNESS** – This course will incorporate both intellectual and physical units in human health, fitness, CPR, and First Aid. The CPR unit will include instruction, testing, and certification. The fitness aspect may include but is not limited to the Bigger, Faster, Stronger program, aerobic activities, cross training, circuit training, excellence for athletes, etc.

**TEAM/INDIVIDUAL ACTIVITIES** – Students will be exposed to a variety of invasion activities, net/wall activities, outdoor pursuits, rhythmic activities, flexibility activities, and a variety of health-related activities. This is a required course that may be taken in either 9th, 10th or 11th grade.

### P.E. Electives

**BODY MECHANICS I** – Instructor lead fitness and conditioning. Students are expected to actively participate in body and health development through weight training and fitness exercises.

*\*Open to grades 9-12*

**BODY MECHANICS II** – Instructor lead fitness and conditioning. This course continues the development of the body and health through weight training and fitness exercise.

**Prerequisite:** *BODY MECHANICS I or referral from coach*

**CONDITIONING** – Active participation in self-defense with an emphasis on Tae Kwon Do and strength and flexibility training.

**\*Open to grades 10-12**

**ADVANCED CONDITIONING** – This course will focus on gaining fitness through self defense and yoga. Students will learn more advanced self-defense methods and improve their confidence, discipline, and personal conditioning. Students will learn personal safety and will advance through two belt levels of taekwondo. The type of yoga used is a modified western form that focuses on fitness, flexibility, and relaxation, rather than the eastern meditative art.

**Prerequisite:** *CONDITIONING*

**TEAM SPORTS** – Participation in team activities, including but not limited to: flag football, soccer, speedball, volleyball, basketball, ultimate Frisbee, and floor hockey.

**Prerequisite:** *TEAM/INDIVIDUAL ACTIVITIES*

**LIFETIME SPORTS** – Active participation in team activities, including but not limited to: racquetball, badminton, pickle ball, star ball, eclipse ball, Frisbee golf, and fitness training.

**Prerequisite:** *TEAM/INDIVIDUAL ACTIVITIES*

**PHILOSOPHY OF COACHING** – This course will cover the fundamental rules, techniques and philosophy of coaching a variety of sports from a Christian perspective.

**DANCE I** – See course description in VISUAL, PERFORMING AND APPLIED ARTS – Theatre Arts.

**DANCE II** – See course description in VISUAL, PERFORMING AND APPLIED ARTS – Theatre Arts.

**RELATIONAL HEALTH** – See course description in Family and Consumer Sciences.

**NUTRITIONAL HEALTH** – See course description in Family and Consumer Sciences.

## Science

*Six semesters of lab science are required for graduation.*

*All 9th graders take one year of PHYSICAL SCIENCE.*

*All 10th graders take one year of BIOLOGY.*

*All 11th and 12th grade year students must take two or more additional semesters of lab science (CHEMISTRY and/or PHYSICS).*

**ANATOMY & PHYSIOLOGY I and II** – A study of human body systems and functions with special emphasis on material related to careers in medicine and health. The class emphasizes human form (anatomy) and function (physiology) as students study the different human body systems. The cause and effect relationship of disease to the human body will also be emphasized. Students may take either ANATOMY AND PHYSIOLOGY I or ANATOMY AND PHYSIOLOGY II, or both I and II.

**Prerequisite:** *BIOLOGY I and II*

**BIOLOGY I and II** – A lab course in biological science. Topics include ecology; cell biology; genetics; and taxonomy, structure, and function of plants, animals, and humans.

**Prerequisite:** *Departmental approval and PHYSICAL SCIENCE I and II*

**ENHANCED BIOLOGY I and II** – A lab course in biological science. Topics include ecology; cell biology; genetics; and taxonomy, structure, and function of plants, animals, and humans. These topics are similar to the topics covered in BIOLOGY; however, the topics will be covered in greater depth and pace.

**Prerequisite:** *PHYSICAL SCIENCE I and II*

**HONORS BIOLOGY I and II** – The topics are similar to the topics covered in BIOLOGY ENHANCED; however, topics are covered in greater depth and pace.

**Prerequisite:** *PHYSICAL SCIENCE I and II*

**AP BIOLOGY I and II** – This college-level course provides an in-depth study in selected areas of biology, including ecology, biochemistry, cellular and molecular biology, genetics and biotechnology, botany, life origins, zoology, anatomy, and physiology. Methods of study include lecture and labs along with reading of the college-level text. Lab activities will often be student-directed and inquiry-based, allowing students to discover knowledge. Lab activities will allow students to apply information presented in lectures as well as to learn some of the basic techniques introduced in the college biology lab. Students who wish to take the Advanced Placement exam may receive college credit. AP BIOLOGY will require concurrent enrollment in AP Biology Lab.

**Prerequisite:** *PHYSICAL SCIENCE, BIOLOGY and CHEMISTRY (concurrent enrollment in CHEMISTRY may be allowed).*

**CHEMISTRY I and II** – This lab course includes emphasis on the molecular structure of the universe, bonding, and the interactions between chemicals. Lab work is an important part of the course. Experiences in the lab are used to illustrate basic principles and to develop skills with lab equipment.

**Prerequisite:** *BIOLOGY I and II and department approval. Students must pass first semester to take second semester.*

**ENHANCED CHEMISTRY I and II** – This lab course includes emphasis on the molecular structure of the universe, bonding, and the interactions between chemicals. Lab work is an important part of the course. Experiences in the lab are used to illustrate basic principles and to develop skills with lab equipment. These topics are similar to the topics covered in CHEMISTRY; however, the topics will be covered in greater depth and pace.

**Prerequisite:** *GEOMETRY I and II and BIOLOGY I and II. Students completing BIOLOGY I and II may enroll with department permission. Students must pass first semester to take second semester.*

**AP CHEMISTRY I and II** – An advanced-level course with an accelerated pace intended for those students who wish to take the Advanced Placement test and possibly receive college credit. Topics covered include atomic structure, bonding, energy, equilibrium and electrochemistry. Heavy emphasis on systematic problem solving and scientific writing is maintained throughout the course. The department recommends concurrent enrollment in ADVANCED ALGEBRA I and II or higher-level math courses. AP CHEMISTRY will require concurrent enrollment in AP Chemistry Lab.

**ENVIRONMENTAL SCIENCE** – the study of interactions in the natural world. Throughout the one-semester course, students will seek to comprehend the complex web of relationships that connect us to the world God has created. The class focuses on interactions between human activity and our earth's "spheres" – the atmosphere, the biosphere, the geosphere, and the hydrosphere. Traditional learning experiences are blended with visits to energy facilities and participation in fieldwork in the southeast Grand Rapids area. This is not a lab science.

**PHYSICS I and II** – A lab study of the science that describes and explains motion, energy, waves, sound, light, electricity, electromagnetism, and atomic physics. Intended for 11th and 12th grade students. Department recommends successful completion of ADVANCED ALGEBRA I and II prior to enrollment in this course. Students must pass first semester to take second semester.

**AP PHYSICS I and II** – This accelerated, advanced lab course provides in-depth study into mechanics (first semester) and electricity/magnetism (second semester). Methods of calculus will be used to formulate principles and to apply concepts to physical problems. This course is designed as an introductory course for students who plan further study in the physical sciences or engineering after high school. Concurrent enrollment required in CALCULUS AP.

**APPLIED PHYSICS I and II** – An inquiry- and lab-based course that investigates motion, forces, energy, waves, optics, sound, electricity, and other introductory physics topics.

**Prerequisite:** *BIOLOGY I and II and department approval. Students must pass first semester to take second semester.*

**PHYSICAL SCIENCE I and II** – An introductory lab course in general science with emphasis on an introduction to chemistry and physics. Topics covered form a foundation for continued study in the sciences.

**Prerequisite:** *Concurrent enrollment in ALGEBRA I and II or higher level math course.*

**HONORS PHYSICAL SCIENCE I and II** – An introductory lab course in general science with an introduction to chemistry and physics. Topics covered will be similar to PHYSICAL SCIENCE I and II, but taught in greater depth and complexity and with a larger emphasis on mathematical problem-solving and scientific writing. This class is designed as preparation for future Honor/AP science courses.

## Social Studies

*Six semesters of Social Studies are required for graduation.*

*All 9th, 10th and incoming 11th and 12th graders must take WORLD HISTORY & GEOGRAPHY I-II, UNITED STATES HISTORY I & II, UNITED STATES GOVERNMENT, and ECONOMICS.*

- WORLD HISTORY & GEOGRAPHY I** – This course focuses on the history and culture of regions in the eastern hemisphere: East Asia, South Asia, the Middle East, and Africa. Current political and economic conditions are examined in each region. This is followed by a study of the important historical background in each region. The historical background for each region includes a study of religious, economic, and political issues. A comparison of eastern and western cultural traits and values is incorporated into the course.
- WORLD HISTORY & GEOGRAPHY II** – A survey of western civilization from ancient cultures through the French Revolution, including how Western and North American civilizations' thought and development have been shaped and influenced.
- UNITED STATES HISTORY – 20th CENTURY I** – A survey course of American history beginning with Industrialization and ending with The Great Depression.
- UNITED STATES HISTORY – 20th CENTURY II** – A survey course of American history beginning with World War II to the present.
- UNITED STATES GOVERNMENT** – A general study of U.S. government and politics. The study includes an overview of various aspects of political science, in-depth study of the election process, and the structure and function of our national government. Projects underscore, through first-hand experience, the importance of government in daily life and participation.
- AP UNITED STATES GOVERNMENT I and II** – A comprehensive two-semester course that studies U.S. government and politics. This course will cover political philosophy, theory, constitutional history, political culture, elections and campaigns, governmental institutions, and public policy. Completion of this course will meet the Government course requirement plus one elective course. Students going into 11th and 12th grade may apply to the department for admission through their counselors.
- AP EUROPEAN HISTORY I and II** – A survey of European history from 1450 to the present, this course covers in depth and complexity a range of topics including politics, culture, economics, philosophy, science, and technology. Strong skills in writing, reading, and comprehension are required. Students in 11th and 12th grade are invited to apply for admission to the course through their counselor. The department recommends completion of WORLD HISTORY AND GEOGRAPHY I & II, and UNITED STATES HISTORY.
- ECONOMICS** – A study of basic economic concepts at the microeconomic, macroeconomic, and international level, as well as personal financial decisions. The course will utilize technology to study various aspects of local, national, and personal economics.
- AP ECONOMICS** – This is a full-year college level course for 11th and 12th graders that covers both the AP course in microeconomics and the AP course in macroeconomics. Microeconomics concentrates on the principles of economics that apply to the functions of individual decision makers within the economic system while macroeconomics focuses on the economic principles as they apply to an economic system as a whole. Completion of this course will meet the GRCHS Economics course requirement plus one elective course.
- Prerequisite: ADVANCED ALGEBRA is recommended.**
- GLOBAL ISSUES** – A study of current issues and concerns within the global community focusing on the historical context and future prospects. The course will look at issues from various global and cultural perspectives in order to enlighten and expand the student's ability to view events and issues with sensitivity and respect toward God's diverse creation.

**INTRODUCTION TO LAW** – An introductory course designed to provide students with an understanding of the U.S. legal system and various components of both criminal and civil law. Case studies and current events help enrich the course and bring the subjects into greater focus. Intended for 9th and 10th graders.

**PSYCHOLOGY** – This is an introductory course that focuses on individual behavior and thought processes. It emphasizes the fact that mental health has a significant impact on the quality of our lives and helps us realize our potential. Topics include neuroscience, nature and nurture, human development, personality, and abnormal behavior. Intended for 12th graders.

**SOCIOLOGY** – This course is an introduction to the scientific study of humans and society. It will introduce students to a variety of sociological topics and encourage students to think analytically and critically about the society in which they live. The course will also emphasize Christian reflection on social life.

## World Language

*Two years of world language are required for all students.*

*College bound students should consult the colleges they plan to attend for any further requirements. In some cases, a college requirement may be shortened or waived if a student can demonstrate higher level proficiency.*

**FRENCH 1-4** – The goal of all French classes is meaningful communication. Students will first learn to speak and understand French in very basic settings. Later they will supplement this with readings and web activities designed to enhance cultural awareness along with writing letters and paragraphs appropriate to their level of study. The entire program is enhanced through the use of video and language lab tapes to expose students to native speakers of all ages.

**GERMAN 1-4** – Students will begin their study of German much like they learned English as children: they will concentrate on understanding and using spoken language while building a broad, useful vocabulary base. They will gradually build reading and writing competence, moving from word to sentence to paragraph and to story mastery levels throughout the four-year study. Integral to the instruction is use of audio and visual materials that communicate cultural values as well as language instruction. An exchange program has been established with a partner school in Hamburg, Germany.

**LATIN 1-2** – The Latin courses teach basic fundamentals of Latin grammar and syntax with emphasis on vocabulary study and the interrelationship of English and Latin sentence structure. Students are expected to attain fluency in both reading and writing skills. Appreciation for Rome's significant contributions to Western thought and culture receives some emphasis, but the course focuses primarily on developing proficiency in language skills.

**MANDARIN CHINESE 1-3** – In Mandarin Chinese, we emphasize the importance of communications and fluency in listening, speaking, reading, and writing skills. We also focus on cultural concepts, including social customs, geography, art, and literature. The first year focus is on basic communications, vocabulary, and travel skills. We use online resources and technology applications for instruction and enrichment.

**SPANISH 1-4** – In our Spanish courses, we emphasize the importance of communications and fluency in listening, speaking, reading, and writing skills. We also focus on cultural concepts including social customs, geography, significant historical events, outstanding contributions in the fields of art and literature, and important personalities. We use multimedia and other technology, the internet, and stories from native speakers to enhance these programs.

**SPANISH 5** – Focuses on the improvement of speaking and writing skills through vocabulary acquisition and honing of grammatical accuracy. This class contains extensive practice in both oral and written communication. Although this course is taught by a GRCHS teacher, students are concurrently enrolled at Grand Rapids Christian and Calvin College and students may earn college credit at an additional cost.

**MULTISENSORY SPANISH 1-2** – Multisensory Spanish is a course designed for students in grades 10 through 12 who struggle with language. Eligibility for the class is based on recommendations from Special Education and English teachers and is subject to the approval of the World Language Department. Course instruction emphasizes all modes of communication: listening, speaking, reading, and writing by using a variety of multisensory techniques. Cultural content such as history, geography, customs, and food is woven into this framework. In addition, the beauty and diversity of God's world is experienced through perspective-taking, discussions of current events, and using Spanish locally to help others. All material is presented in a manner and pace appropriate for the student.

# GRAND RAPIDS CHRISTIAN HIGH SCHOOL

## 2015 June Term

To register for June Term and to view full course descriptions, please go to the June Term website [www.grcs.org/juneterm](http://www.grcs.org/juneterm).

- PURPOSE** June Term is intended to give students the opportunity for more flexibility in their school year schedule and to provide enrichment experiences through new courses.
- ELIGIBILITY** Current Grand Rapids Christian High School students and incoming (accepted freshmen and transfer) students will be given first priority. Non-Grand Rapids Christian Schools students may also register for courses.
- DATES** June 8-26, 2015. Monday through Friday (unless otherwise indicated).  
Morning classes 8:30am – 11:30am. Afternoon classes 12:30pm – 3:30pm.
- COURSE OFFERINGS** Detailed information on courses is listed on the following page. Full course descriptions can be found on the June Term website ([www.grcs.org/juneterm](http://www.grcs.org/juneterm)).
- CREDIT** Most courses will receive one semester of credit (0.5). Credit courses count toward total credits required for graduation at Grand Rapids Christian High School. Non-Grand Rapids Christian Schools students will receive a transcript.
- ATTENDANCE** Attendance is crucial due to the accelerated pace of June Term. Students who miss more than two days may receive a P/F grade rather than a letter grade and may find it difficult to make up work to receive a passing grade. Students missing four or more days may be required to withdraw from the class and receive no credit. Students are expected to be on time.
- REGISTRATION** Registration and payment must be completed on the Grand Rapids Christian Schools June Term website ([www.grcs.org/juneterm](http://www.grcs.org/juneterm)). Classes will be filled on a first come, first served basis. We will remove classes as they become full.
- TUITION** The cost of each course is noted on the summary sheet and website. A deposit is due at the time of registration. The balance is due May 1. June Term deposits and tuition are non-refundable unless the class is cancelled. Cost of textbook and computer rental is included in the tuition.
- CANCELLATION** Classes with fewer than 10 students enrolled may be cancelled. You will be notified and your tuition refunded if there are not enough students to offer a class.
- GUIDELINES** All Grand Rapids Christian standards and expectations, including dress code, remain as described in our current Parent-Student Handbook (2015).

### 2015 Course Offerings

AM COURSES	Credit	Time	Grade Level	Prerequisite	Total Cost	Deposit
Computer Programming	0.5	8:30-11:30am	9 to 12	none	\$350	\$100
Global Issues	0.5	8:30-11:30am	10 to 12	none	\$350	\$100
Mural Art	0.5	8:30-11:30am	9 to 12	none	\$350	\$100
Spanish 1 Essentials <i>(intended to prepare students for Spanish II)</i>	0.5	8:30-11:30am	9 to 11	some MS Spanish	\$350	\$100
Speech & Public Presentation	0.5	8:30-11:30am	10 to 12	none	\$350	\$100
United States Government	0.5	8:30-11:30am	10 to 12	none	\$350	\$100
United States History I	0.5	8:30-11:30am	10 to 12	none	\$350	\$100
World History & Geography II	0.5	8:30-11:30am	9 to 12	none	\$350	\$100
PM COURSES	Credit	Time	Grade Level	Prerequisite	Total Cost	Deposit
Economics	0.5	12:30-3:30pm	10 to 12	none	\$350	\$100
Outdoor Adventures	0.5	12:30-3:30pm	9 to 12	none	\$350	\$100
Psychology	0.5	12:30-3:30pm	10 to 12	none	\$350	\$100
United States History II	0.5	12:30-3:30pm	10 to 12	none	\$350	\$100



