



TRINITY  
HIGH SCHOOL

2019-2020

# COURSE SELECTION GUIDE



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# Requirements

## Registration for Eight Courses

All students attending Trinity High School must register for eight course periods. No study halls will be scheduled.

At the beginning of the 1996-97 school year, Trinity High School joined hundreds of leading high schools across the nation in instituting an alternative schedule known as Schedule 2000, an intensive 4x4 block schedule. Because of this approach to learning, Trinity students accumulate a more extensive background and a “competitive edge” over their peers in other Ohio high schools.

In order to receive a Trinity High School diploma, a student must earn 28.5 credits from high schools chartered by the State of Ohio Department of Education. The 28.5 credits must be distributed in the following manner:

2.0 credit in **Business**

- Including Internship 101 (grade 9) and Personal Finance (grade 12)

4.0 credits in **English**

1.0 credits in **Fine Arts**

- Art, Instrumental/Vocal Music or Music Appreciation

4.0 credits in **Mathematics**

- Including Algebra 1, Geometry, and Algebra 2 or its equivalent

1.0 credit in **Physical Education**

- Including Health and Physical Education

3.0 credits in **Science**

3.5 credits in **Social Studies**

- Including World History, Global Study, U.S. History, and American Government

4.0 credits in **Theology**

2.0 credits in **World Language**

4.0+ credits in **Electives**

## Class Schedule Change Policy

Teacher schedules and the number of class sections offered are determined by the number of students who request a course. If your child decides during the first two weeks of each term (August/January) to change a course request/class schedule, a fee of \$50.00 will be charged if the change can be accommodated. No fee will be incurred if the teacher or guidance counselor determines the change to be in the best interest of the student. No changes will be made after the first two weeks of each term.

## State of Ohio Requirements

As a school chartered by the State of Ohio and accredited by the Ohio Catholic Schools Accrediting Association and the North Central Association of Schools, Trinity High School requires all graduating students to meet or exceed state minimum standards, including earning a passing grade on all required State of Ohio tests.

## Qualifications for the President’s Award for Educational Excellence

Honoring student achievement and hard work is the purpose of the President’s Education Awards Program. Since 1983, the program has provided individual recognition to those graduating seniors whose outstanding efforts have enabled them to meet challenging standards of excellence.

At the conclusion of each school year, seniors who have met the requirements of this award are recognized at the annual Scholastic Awards Convocation with a certificate from the President and the United States Secretary of Education. The criteria are as follows:

- Accumulative GPA of 3.50 or higher (7 semesters; on a 4.0 non-weighted scale)
- A score in the 85th percentile or higher in ONE of the following National tests:

<b>Math:</b>	ACT: 26
	SAT: 620
<b>Reading:</b>	ACT: 28
<b>EBRW:</b>	SAT: 620

# Art

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*Selecting an Honors or Advanced Placement Course: Teacher schedules and the number of class sections offered are determined by the number of students who request a course. Students should review the subject alternatives carefully before making a course decision.*

- *Beginning in the 2019-2020 school year, all students enrolled in AP courses will be required to take the Spring AP Exam. (All AP Exams costs will be paid by Trinity High School).*
- *If the student decides after June 7, 2019 to change their course request from an Honors or AP level course to the “regular” level course, it will appear on their transcript as a “withdraw” (WD), unless the teacher and/or counselor feel that the student is misplaced or incapable of meeting the academic standards of the course. See your grade level counselor if you need further details.*

## Fundamentals of Art and Design [1012]

**Grade Level:** 9, 10      **Prerequisite:** None

This course is for the interested and/or serious art student. It covers the basics of art beginning with drawing and its techniques, including figure, still life, perspective, and pencil. Color theory, painting, and basic design are also covered. This course prepares the student to continue study in the Fine Art or Graphic Design courses.

## Art 2 [1020]

**Grade Level:** 10, 11      **Prerequisite:** Minimum grade of “B+” in Fundamentals of Art and Design.

The serious art student continues to develop and strengthen his/her basic foundation in this course. Individual style and creativity are stressed after the student is confident and knowledgeable about his/her abilities. Additional experiences involving a variety of media, techniques, and subjects are explored. Artistic critiques, vocabulary, and historical background are integrated into each course component.

## Art 3 [1030]

**Grade Level:** 11, 12      **Prerequisite:** Minimum grade of “B+” in Art 2.

Individual creativity and style are stressed in Art 3. Provisions are made for advanced drawing, painting, and sculpture. Students examine the field of art for personal career goals and research various colleges, art schools, and their programs.

## Art 4 [1040]

**Grade Level:** 12      **Prerequisite:** Department approval.

This course is a culminating program, reinforcing the student’s drawing, painting, and illustration styles and skills. Student and teacher work together to develop a quality portfolio for future reference. Strengths and weaknesses are determined and appropriate instruction is offered to balance a student’s overall skills.

## Advanced Placement Art [1100]

**Grade Level:** 12      **Prerequisite:** Department approval.

This second term course is offered to recommended art students. It is designed to prepare the student’s portfolio for evaluation by the College Board’s Advanced Placement judges.

## 3-D Design [1140]

**Grade Level:** 11, 12      **Prerequisite:** None

This course explores art in the third dimension. Students will design and construct sculptures using a variety of media (i.e. paper, wire, plaster, clay, and found objects). Learn to change a two-dimensional design into three-dimensional reality.

# Business

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*It is required that all freshmen complete Internship 101 in preparation for the pre-professional internship program. Beginning with the Class of 2018, Personal Finance is required for graduation.*

## Internship 101 [2022]

**Grade Level:** 9      **Prerequisite:** None

Gear up for your high school curriculum and Pre-Professional Internships with the help of this required introductory course. In addition to mastering Microsoft® Word and Excel, you'll learn study skills you need to excel in both academic and professional settings. Internship preparation focuses on resume writing, interview skills, as well as career exploration, and CPR training. This project based course features guest presentations and hands on lessons throughout the term, to help you select the best Internship track before placement with one of our over 70 corporate sponsors.

## Accounting [2010]

**Grade Level:** 10, 11, 12      **Prerequisite:** None

This introductory level class in the accounting field is dedicated to helping students gain a basic knowledge of accounting and its principles. Accounting aims at helping students understand how companies and individuals develop and present their financial information. Students will understand how to deal with meeting deadlines and timetables for assignments to be completed and turned in according to a schedule set by the teacher. Technology and use of applications, such as Microsoft® Excel, will be used at times to create and design templates to be used as worksheets in this course. This class also focuses on small business management practices, ethical business procedures, and case studies that involve critical thinking skills to solve common business problems. It is a great stepping stone into a business career and its initial knowledge will help prepare our Trinity students to pursue future college business courses.

## Personal Finance [2016]

**Grade Level:** 12      **Prerequisite:** None

This required course will benefit students now and far into their futures. This course uses many practical applications of financial literacy for high school students through retirement age. Through a series of video lectures by expert money managers, teacher presentations, and analyzing various case studies involving concepts learned, the students will gain knowledge in several financial areas. Topics covered will include savings, budgeting, debt, money management, investing,

# English

***Selecting an Honors or Advanced Placement Course:** Teacher schedules and the number of class sections offered are determined by the number of students who request a course. Students should review the subject alternatives carefully before making a course decision.*

- *Beginning in the 2019-2020 school year, all students enrolled in AP courses will be required to take the Spring AP Exam. (All AP Exams costs will be paid by Trinity High School).*
- *If the student decides after June 7, 2019 to change their course request from an Honors or AP level course to the “regular” level course, it will appear on their transcript as a “withdraw” (WD), unless the teacher and/or counselor feel that the student is misplaced or incapable of meeting the academic standards of the course. See your grade level counselor if you need further details.*

## ENGLISH 9

### STANDARD [3010]

**Grade Level:** 9                      **Prerequisite:** Ninth grade standing

This course provides a basic introduction to informational texts and literature through classic and contemporary works from a variety of genres. It includes a systematic development of vocabulary, a careful review of grammar, and a review of correct usage skills. This course is designed to sharpen thinking skills, improve reading skills, and develop skills in writing. Summer reading is required.

### HONORS [3020]

**Grade Level:** 9                      **Prerequisite:** Selected by the Principal

This honors class surveys various informational texts, as well as classic and contemporary literary pieces from a variety of genres. It includes a comprehensive study of styles, theme, and language. Composition exercises provide a means of grammar and usage review while offering the student a means of expression through essays of various types: expository, persuasive, narrative, and descriptive writing. Students continue to expand their vocabulary skills. The pace is accelerated and challenging. Summer reading is required.

## English 10

### STANDARD [3060]

**Grade Level:** 10                      **Prerequisite:** Passing grade in English 9.

This course focuses on the study of informational texts and world literature through classic and contemporary works from a variety of genres while enhancing critical thinking skills. It includes a systematic development of vocabulary and a review of grammar and usage skills. Emphasis continues in developing expository, persuasive, narrative, and descriptive writing skills. Students will also learn the process of developing a research paper. Summer reading is required.

### HONORS [3070]

**Grade Level:** 10                      **Prerequisite:** Minimum of a “B” in Honors English 9 or an “A” in English 9.

This challenging honors course provides a more extensive study of informational texts and world literature with analysis of classic and contemporary works from a variety of genres. Emphasis on critical thinking skills continues. Students analyze literature related to literary theme, style, and structure. Comprehensive work in expository, persuasive, narrative, and descriptive writing skills continues while including the development of the research paper. Students will continue to expand their vocabulary skills. Summer reading is required.

## English 11

### STANDARD [3110]

**Grade Level:** 11                      **Prerequisite:** Passing grade in English 10.

This course focuses on the analysis of informational texts, as well as works of classic and contemporary American literature from a variety of genres. Emphasis on critical thinking skills continues. In addition to reviewing and expanding grammar and usage skills, the course provides for vocabulary development. Writing skills continue to develop while students produce expository, persuasive, narrative, and descriptive essays. Students write a research paper. Summer reading is required.

### HONORS [3120]

**Grade Level:** 11                      **Prerequisite:** Minimum of a “B” in Honors English 10.

This honors course is an intensive study of informational texts, as well as classic and contemporary American literature from a variety of genres. Students respond to aspects of literary theme, style, and structure. Challenged to increase their vocabulary and their critical and analytical thinking skills, students write expository, persuasive, narrative, and descriptive essays, as well as a research paper. Summer reading is required.

## English 12

### STANDARD [3150]

**Grade Level:** 12                      **Prerequisite:** Passing grade in English 11.

This course provides an analysis of classic and contemporary British literature from a variety of genres. Students continue the development of critical and analytical thinking skills. Vocabulary develops as students compose a variety of essays based on expository, persuasive, narrative, and descriptive technique. Students continue to review and expand their grammar and usage skills. Students will write a research paper. Summer reading is required.

### ADVANCED PLACEMENT [3160]

**Grade Level:** 12                      **Prerequisite:** Minimum of a “B” in Honors English 11.

This college-level course centers on rigorous analysis of major works within American and British literature from various genres. Students will complete a variety of essays with diverse purposes including critical and analytical skills. The course develops advanced skills needed for the Advanced Placement examination which can enable students to earn college credit. Summer reading is required.

## English Elective Course Offerings

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### Creative Writing and Public Speaking [3222]

**Grade Level:** 11, 12                      **Prerequisite:** None

This elective focus is on two areas that utilize advanced communication skills. The public speaking component gives students the necessary tools to become comfortable speaking in front of a group of people. Through impromptu speaking opportunities and numerous formal speeches and assignments, students will understand the process of how the voice functions, the importance of choosing topics mindful of the target audience, and the essentials of preparedness. Students will learn the different speech formats including, but not limited to, informative, persuasive, oral interpretations, and debate, while applying creative approaches to their presentations.

The second component, creative writing, blends seamlessly with the first. Students will have the opportunity to develop their writing skills and find their creative voice through various forms of written expression including poetry, short story writing, play writing, and journalistic pieces. Often, the student’s writing will be used in the public speaking portion of the course. What is unique about this course is the way it uses two different forms of communication in tandem, and in doing so, enhances the success the student will experience in developing their proficiency in both areas.

## The Art of Theatre [3204]

**Grade Level:** 9, 10, 11, 12

**Prerequisite:** None

Students will participate in numerous theater games and improvisations designed to build confidence, expand imagination, realize creative potential, and increase skills such as sensory recall, concentration, diction, physicality, and characterization. This class will study the history of the theater, as well as basic aspects of set, costume, and theatrical make-up design through study and hands-on experiences. Several plays, from the classics to contemporary, will be studied in preparation for individual and collaborative exploration into the craft of acting. Students will explore the performance potential of poetry. Midway through the term, students will begin work on a one-act play\*, planning and creating the sets, costumes, and theatrical make-up designs themselves. The class will be instrumental in choosing the cast and crew. They will assist in the technical process, calling upon the knowledge gained in the first part of the term. Through this process, the students will be immersed in a collaborative effort. Evaluation is based on written and artistic assignments, quizzes, tests, individual skill development, and participation in the one-act play.

*\* The Casting of the One-Act Play (The Fall Play) will also be open to the school body, requiring Saturday rehearsals. Any class members who choose to audition for a role in the cast, will need to be available for these Saturday rehearsals in addition to their daytime class during the play production period.*

*The daytime class will be the crew for the show – sets, costumes, props, etc. will be designed and produced by them as part of the class curriculum. The class is NOT required to audition for a role, but of course will be encouraged to do so if they so desire and can participate in the Saturday AM rehearsals. As with all the Performing Arts here at Trinity, every effort is made to make compromises that will allow students to also participate in their sport. \**



# Family and Consumer Science

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## Introduction to Cooking and Nutrition [5210]

**Grade Level:** 9      **Prerequisite:** None

Eating isn't outlawed in this class; it's required! Not only will you learn how to prepare nutritionally balanced meals, but you'll get the opportunity to eat what you make, ranging from perfect pasta to piping hot donuts. You'll enjoy the chance to work with a group of your friends to learn cooking techniques that will keep all of you "full" for a lifetime.

## Advanced Cooking 1 [5220]

**Grade Level:** 10, 11, 12      **Prerequisite:** Department permission and "C" average in Introduction to Cooking and Nutrition or Cooking on Your Own.

Students in this course build upon their knowledge of cooking techniques to create feasts for a king (*or at least a very hungry upperclassman!*). Lab groups plan, cook, and serve entire meals, including everything from steaming soup to delectable desserts. Students also work on special individualized projects such as cake decorating and candy making. Mini-units give students the chance to learn how to operate some of the latest hi-tech kitchen equipment.

## Advanced Cooking 2 [5222]

**Grade Level:** 10, 11, 12      **Prerequisite:** Advanced Cooking 1

Advanced Cooking 2 builds upon the successful completion of Advanced Cooking 1 to challenge and develop the student's culinary expertise. The course will focus on creative meal planning, the preparation of more complex entrees, and the development of sophisticated skills in baking, ethnic cooking, meal presentation, equipment use, and more.

## Cooking on Your Own [5240]

**Grade Level:** 10, 11, 12      **Prerequisite:** No prior Family and Consumer Science course.

In this hands-on-course, you will learn cooking fundamentals that will come in handy whether you're living on your own in college, or in your own apartment. The course is specially designed only for sophomores, juniors, and seniors who have not taken Introduction to Cooking and Nutrition and Advanced Cooking.

**Important Note:** Sophomores and juniors who take *Cooking on Your Own* may then take *Advanced Cooking* in their junior or senior year.

## Kids, Cooking, and Celebrations [5230]

**Grade Level:** 11, 12      **Prerequisite:** None

This course focuses on three of the most important aspects of family life: preparing for and raising children, cooking nutritious meals for families, and hosting social events like parties, holidays, and other celebrations. Students will prepare appetizers, party snacks, decorated cakes, holiday treats, and a variety of other party foods. A highlight of the class is the innovative parenting simulation project which features computerized *Baby-Think-It-Over*® dolls. Students enrolled in this course must have access to a baby carrier for the duration of the parenting simulation.



# Graphic Design

## Graphic Design Internship Program Course Offerings

*The following courses are ONLY offered to Pre-Professional Internship students who have selected the Graphic Design program of study.*

### Principles and Elements of Design [2237]

**Grade Level:** 10      **Prerequisite:** Required for Graphic Design interns.

In this Pre-Professional Internship course, you will be introduced to communicating visually through layout, typography, illustration, and design. Students learn to execute and convey the elements and principles of design while working with industry standard software including *Adobe® Photoshop®, Illustrator®, InDesign®, and Premiere Pro®*. Students will also participate in guided class critiques, which will allow them to use class terminology to help their peers. They will also begin creating their own portfolio that may be used throughout their design curriculum.

### Advertising and Promotional Design [2243]

**Grade Level:** 11      **Prerequisite:** Minimum of "C+" in Principles and Elements of Design;  
Required for Graphic Design interns.

You've had the instruction, now bring your designs to life! Apply your design knowledge to real-life situations as you study typography, learn the basics of Website design and development, video production, and create your own advertising campaign from start to finish. Design is all around you; now find out what it takes to make it work. You'll also learn how to build a portfolio, a must for any graphic design professional.

### Graphic Design Capstone [2246]

**Grade Level:** 12      **Prerequisite:** Minimum of "C+" in Advertising and Promotional Design;  
Required for Graphic Design interns.

Seniors in the Graphic Design internship strand will challenge their design skills and develop a project of their own over the course of the term. Each student will have the option to focus their project on print design or digital design/film media using *Adobe® Creative Suite®*. Students will also have access to Trinity Support Services for printing and production of materials. They will also have access to professional film and photography equipment. Toward the end of the term, students will display their projects in a professional exhibition.

## Graphic Design Elective Course Offerings

*The following courses are offered as electives to all students, no matter what internship program you have chosen, unless otherwise noted.*

### Introduction to Graphic Design [2239]

**Grade Level:** 10, 11, 12      **Prerequisite:** None      **Course Note:** Not open to Graphic Design interns.

Students will learn to communicate visually through print media. This course will help students develop and demonstrate skills through project-based curriculum including promotional campaigns, visual identity, social awareness projects, logo design, apparel/ merchandise design, and advertisements. Learn to execute and convey the elements and principles of

design while working with industry-standard software including Adobe® Photoshop®, Illustrator®, InDesign® and Premiere Pro®. Students will also participate in guided class critiques, which will allow them to use class terminology to help their peers.

## **Web Publishing [2230]**

**Grade Level:** 10, 11, 12      **Prerequisite:** Introduction to Graphic Design or Principles and Elements of Design.

Learn to design, develop, and program websites that drive today's businesses and organizations. Use software that is part of Adobe Creative Suite to create websites that function well and look great on desktops, tablets, and smart phones. All students will have their own functional website by the end of the course.

## **Introduction to Yearbook and Film [2062]**

**Grade Level:** 10, 11, 12      **Prerequisite:** Minimum of "C+" in Introduction to Graphic Design or Principles and Elements of Design or special permission by the instructor.

Students will put their design skills to the test as they create the entire yearbook and Senior Farewell video from concept to production. Students will have the choice of which project to contribute to specifically based on their interests. Each student will work together with a team to complete both projects, but also have a specific task to do. Using the *Adobe® Creative Suite®*, and Josten's YearTech Tools, students will focus on layouts, image editing and enhancing, and typography. Throughout the production of the Senior Farewell video, students will learn to capture, edit, and create a short film using *Adobe® Premiere Pro®*.

# Health & Physical Education

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*The State of Ohio requires the completion of 0.50 credits in Physical Education and 0.50 credits in Health to receive a high school diploma. Trinity High School complies with this mandate by offering Physical Education 1/Health and Physical Education 2.*

## Health and Physical Education 1 [5010]

**Grade Level:** 9      **Prerequisite:** None      **Credit Value:** 0.75

Health is a required subject that includes the development of positive concepts in the areas of fitness, nutrition, social and mental health, substance abuse, sexuality, consumer health, and safety.

Physical Education 1 includes the acquisition and development of skills in basketball, soccer, softball, fitness, hockey, and aerobic workouts. There is a strong focus on teamwork, cooperation, and sportsmanship.

## Physical Education 2 [5030]

**Grade Level:** 10      **Prerequisite:** None      **Credit Value:** 0.25

Physical Education 2 includes the acquisition and development of skills in tennis, golf, volleyball, bowling, football, fitness, and aerobic workouts. There is a strong focus on individual lifetime activities. This class rotates biweekly with Global Study (see *Social Studies* section, page 19).

## Advanced Physical Education [5050]

**Grade Level:** 12      **Credit Value:** 0.50      **Course Fee:** \$50.00

**Prerequisite:** Grade of "A" in both Physical Education 1 and 2; Must have passed all 5 tests on the Presidential Fitness Exam OR instructor approval.

This course is designed to give students who excel in Physical Education an opportunity to further their skills through participation in a variety of lifetime sports activities including golf, bowling, tennis, football, basketball, baseball, lacrosse, volleyball, self-defense, and participation in the MetroHealth Teen Brain Health Competition. Students will be expected to pass the Presidential Fitness Test at the conclusion of the course.

# Information Management & System Design

*In order to become CompTIA® A+® certified, you must pass 2 certification exams. The CompTIA® A+® PC Technician course prepares students for these exams.*

## **CompTIA® A+® PC Technician [2253 (Term 1); 2256 (Term 2)]**

**Grade Level:** 10 (required for intern students); 10,11 (college and career interns only as elective); 12 (as an elective)

**Credit Value:** 1.0 per term      **Course Note:** Must take both terms.

**Prerequisite:** Personal conference and permission from Department Head.

Trinity High School's advanced technology program offers motivated students a unique opportunity to acquire skills in a wide variety of technologies including operating systems and hardware/software troubleshooting. This year long, two credit course mixes traditional classroom learning with a hands-on approach. The course prepares students for entry into the world of computer support, provides optional college credit, and a chance to earn CompTIA® A+® PC Technician Certification through the Essentials exam and Practical Experience exam.

## IMSD Internship Program Course Offerings

*The following courses are REQUIRED for juniors and seniors in the Information Management and System Design (IMSD) internship program.*

### **Networking 1 and 2 [2274 (Term 1); 2275 (Term 2)]**

**Grade Level:** 11, 12      **Credit Value:** 2.0 per year      **Course Note:** Must take both terms.

**Prerequisite:** Required for IMSD interns; department permission. Must have passed both PC Tech classes.

Networking 1 and 2 builds on your existing user-level knowledge and experience with personal computer operating systems and networks to present the fundamental skills and concepts that you will need to use on the job in any type of networking career. It also addresses the content described in the exam objectives for the CompTIA Network+ certification. Having taken the A+ course is a pre-requisite for the Networking class.

The CompTIA Network+ (Exam N10-007) course can benefit you in several ways:

- If you are preparing for any type of network-related career, it provides the background knowledge and skills you will require to be successful.
- It contains information and procedures that can help you if your job duties include network troubleshooting, installation, or maintenance.
- It can assist you in preparing for the CompTIA Network+ examination (Exam N10-007).

Topics: Network Theory, Bounded Network Media, Unbounded Network Media, Network Implementations, TCP/IP Addressing and Data Delivery, Routing and Switching, TCP/IP Implementation, Network Security Analysis, Network Security Implementation, WAN Infrastructure, Cloud and Virtualization Techniques, Remote Networking, Network Management, Troubleshooting Network Issues.

*Creative Coding and Security+ will be in the 2020-2021 school years for juniors and seniors in the Information Management and System Design internship program.*

# Mathematics

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*Students in Honors Algebra 2, Advanced Algebra, Honors PreCalculus, and Calculus must have their own TI84 (Texas Instrument) graphing calculator for class. If this additional expense causes a concern, the student should see Ms. Barile.*

**Selecting an Honors or Advanced Placement Course:** *Teacher schedules and the number of class sections offered are determined by the number of students who request a course. Students should review the subject alternatives carefully before making a course decision.*

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- If the student decides after June 7, 2019 to change their course request from an Honors or AP level course to the “regular” level course, it will appear on their transcript as a “withdraw” (WD), unless the teacher and/or counselor feel that the student is misplaced or incapable of meeting the academic standards of the course. See your grade level counselor if you need further details.*

## Honors Algebra [6050]

**Grade Level:** 9      **Prerequisite:**      **Assignment by members of the Mathematics and Guidance Departments.**

Challenges students by accelerating the pace of topics covered and by using a more abstract approach to algebra and problem solving. Topics include all those covered in Algebra 1 with additional ones necessary for a more thorough and systematic understanding of the real number system. Students will use many of the functions on the Texas Instrument Graphic Calculator.

## Algebra 1 [6030]

**Grade Level:** 9      **Prerequisite:**      **Assignment by members of the Mathematics and Guidance Departments.**

Teaches students to think mathematically through a thorough study of the real number system. The course explores sets, properties of real numbers, linear equations and inequalities, relations and functions, graphing, polynomials, radicals, and problem solving.

## Algebra Concepts [6016]

**Grade Level:** 9      **Prerequisite:**      **Assignment by members of the Mathematics and Guidance Departments.**

This course provides students the resources and time necessary to improve in the fundamental skills necessary for success in an Algebra 1 class. Students taking Algebra Concepts will still need four (4) additional math credits to fulfill the mathematics graduation requirement.

## Honors Geometry [6090]

**Grade Level:** 10      **Prerequisite:**      **“C” in Honors Algebra 1 and department permission.**

Covers the same concepts as in the Geometry class, but with an emphasis on logical analysis and proof. The focus is on deductive and inductive reasoning and additional topics that are necessary for a systematic study of mathematical structure.

## Geometry [6070]

**Grade Level:** 10      **Prerequisite:**      **“C” in Algebra 1 and department permission.**

Is the study of the relationships that exist in two-dimensional and three-dimensional space? Students will learn how to deductively reason, make conjectures, and both formally and informally arrive at conclusions about those conjectures. Topics studied include deductive and inductive reasoning, triangles, parallel lines, quadrilaterals, polygons, circles, ratios, proportions, similarity, area, and volume.

## Geometry Concepts [6066]

**Grade Level:** 10      **Prerequisite:** "C" in Algebra Concepts; "C" in Algebra 1; and department permission.

This course is for students who need more time to develop the topics studied in a standard Geometry course. There is less emphasis on formal proof and abstract generalizations, and more emphasis on a hands-on, intuitive approach to Geometry.

## Honors Algebra 2 [6130]

**Grade Level:** 10, 11      **Prerequisite:** "C" in Honors Geometry; "C" in Honors Algebra 1; and department permission.

Challenges students by accelerating the pace of the topics presented and a more in-depth approach to algebra and problem solving. In addition to all topics covered in Algebra 2, additional topics that relate to the material being studied are explored. Students must have their own graphing calculator for this course.

## Algebra 2 [6110]

**Grade Level:** 10, 11, 12      **Prerequisite:** "C" in Geometry, "C" in Algebra 1, and department permission.

Is intended for those students who wish a strong math background. This course reviews basic topics of Algebra 1 and proceeds with a further analysis of equations, linear functions, systems of equations and inequalities, polynomials, rational algebraic expressions, irrational numbers, complex numbers, and quadratic functions.

## Integrated Math [6280]

**Grade Level:** 11, 12      **Prerequisite:** "C" in Geometry Concepts and department permission.

This course is designed for those students who are not yet ready to take a standard Algebra 2 class. Many of the topics covered in Algebra 2 are included in this course, with an emphasis on skill building in preparation for future mathematics. Topics include properties and operations with real numbers, solving equations and inequalities, graphs, geometric formulas, exponents, radicals, complex numbers, and polynomial functions.

## Honors PreCalculus [6150]

**Grade Level:** 11, 12      **Prerequisite:** "C" in Honors Algebra 2 or in Advanced Algebra and department permission.

Intended for students who desire a serious and intense study of the real number system. Good computational ability is important for this course; however, the major emphasis is on developing abstract, analytical reasoning skills. The theory and topics involved in college preparatory mathematics are studied, some of which include analysis of functions, algebras of the real and complex number systems, polynomial functions, exponential and logarithmic functions, conic sections, and trigonometric functions. Students must have their own graphing calculator for this course.

## Advanced Algebra [6200]

**Grade Level:** 11, 12      **Prerequisite:** "C" in Algebra 2 and department permission.

Intended for students who wish to further develop their understanding of the real number system beyond the topics in Algebra 2. A student who successfully completes this course is prepared to take college level mathematics. After a more in-depth treatment of several topics listed in Algebra 2, some additional topics include exponential and logarithmic functions, trigonometric functions and identities, and conic sections. Students must have their own graphing calculator for this course.

## **Math Topics [6260]**

**Grade Level:** 12      **Prerequisite:** Integrated Math or Algebra 2 and department permission.

This course is intended for those students who need a fourth-year mathematics course, but will not necessarily need a lot of mathematics in college. The emphasis in this course is on building a better understanding of the major concepts discussed in Algebra and Geometry, with the inclusion of topics not considered traditional Algebra/Geometry material. Topics studied include: set theory, logic, numeration systems, probability and counting techniques, graph theory, sequences, area, volume, surface area, right triangle trigonometry, statistics, linear equations and their applications, and applications of the rectangular coordinate system.

## **Advanced Placement Calculus [6170 (Term 1); 6180 (Term 2)]**

**Grade Level:** 12      **Credit Value:** 2.0      **Prerequisite:** "C" in Honors PreCalculus and department permission.

This two-term course is intended for the college bound, highly successful math student who desires to study a college level course in high school. The course covers topics and applications in differential and integral calculus of one variable. Students will take the A.P. Calculus exam in the spring. A satisfactory score on this exam qualifies students for college credit and advanced standing in many colleges and universities. Students must have their own graphing calculator for this course.



# Music: Instrumental

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*Trinity High School requires that each student earn one credit in Fine Arts. However, since the Instrumental Music Program is a self-perpetuating organization, participation for the development and enrichment of musical prowess and skill is preferred.*

## O. S. Instrumental Ensemble [7015]

**Grade Level:** 9, 10, 11, 12      **Credit Value:** 0.25 per term

**Prerequisite:** Some experience playing an instrument preferred/ Beginners who are willing to take musical lessons outside of school to aid in learning to play their chosen instrument will be considered.

**Course Note:** Class meets on Mondays 3:15-4:45 PM Term 1 & 2  
There will be some weekday 7:00 AM and Saturday Rehearsals just prior to a concert.

Instrumental Ensemble includes students of all levels of playing experience. It is preferred that the student have been playing his/her instrument for a year prior to joining, however, beginners are welcome. Through accessible, fun repertoire, the students will develop their music reading skills, and musical knowledge. They will work to develop skills on their chosen instrument, such as tone, articulation, inflection, vibrato, phrasing, and intonation. This ensemble will also have some instruction and experimentation with hand bell playing and World drumming. The Instrumental Ensemble performs in two major concerts each year and participates in several field trips, both as patrons of the arts and as performers.

# Vocal Music

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*Trinity High School requires that each student earn one credit in Fine Arts. This may be fulfilled by taking any of the courses listed below. However, since the Instrumental Music Program is a self-perpetuating organization, participation for the development and enrichment of musical prowess and skill is preferred.*

## THS Singers [Mixed Choir 7560 (Term 1); 7570 (Term 2)]

**Grade Level:** 9, 10, 11, 12      **Credit Value:** 1.0 per term      **Prerequisite:** None

**Course Note:** This is a two-term class, however, students who only have one elective available are expected to enroll in THS Singers [7560] for one term and THS Singers O.S. Choir (Out of School Choir- see below) [7594] for the other term.

There will be some weekday 7:00 AM and Saturday Rehearsals just prior to a concert.

The Trinity High School Singers' choir is comprised of students who enjoy singing with the opportunity to perform. Emphasis is placed on vocal development, blend, expression, the development of music reading skills, and an increased knowledge of varied musical styles. Performances include all-school Masses, two scheduled concerts, field trips, and several community programs. Small ensemble and solo opportunities are available. Evaluation is based on daily participation, preparation and respect for materials, skill development, and attendance at rehearsals and performances.

## **THS Singers O.S. Choir (Out of School Choir) [7594]**

**Grade Level:** 9, 10, 11, 12      **Credit Value:** 0.25 per term      **Prerequisite:** Department permission.

**Course Note:** Class meets **AFTER SCHOOL, Tuesdays & Wednesdays 3:15-4:45 pm**, for students with irresolvable scheduling conflicts that prevent them from scheduling a full-year of vocal music. Students will pick one day that works in their schedule to come to class. You are always welcome to come on both days.

**There will be some weekday 7:00 AM and Saturday Rehearsals just prior to a concert.**

Class will meet once a week and will cover the same repertoire that the in-school class will be learning, with some exceptions due to time constraints. Since these students will only participate in class for two and 1/2 hours each week, outside preparation of music is mandatory. This class has the same expectations as the THS Singers. Emphasis is placed on vocal development, blend, expression, the development of music reading skills, and an increased knowledge of varied musical styles. Students will participate in all masses, field trips, and performances. Evaluation is based on weekly participation, preparation and respect for materials, skill development, and attendance at rehearsals and performances.

## **Trinity O.S. Troubadours (Out of School) [Chamber Ensemble 7577]**

**Grade Level:** 10, 11, 12 (Some exception for highly talented and skilled 9th graders)

**Credit Value:** 0.25 per term      **Prerequisite:** Enrolled in full year of THS Singers; Audition with director required.

**Course Note:** This is a two-term class. Class meets on **Thursdays 3:15-4:45 PM Term 1 & 2**

The Trinity Troubadours Chamber Ensemble is comprised of a select ensemble of singers chosen by the audition process. All members must sing well, exude stage presence, read/follow music well, be able to sing harmonies, and understand rhythmic concepts. These skills are important because some of the repertoire will be sung in the a-cappella style. The group may also compete at the OMEA Solo and Ensemble Competition. Evaluation is based on weekly participation, preparation and respect for materials, skill development, and attendance at rehearsals and performances. This group will perform at our school concert as well as community events TBD.

## **Music Appreciation [7502]**

**Grade Level:** 9, 10, 11, 12      **Prerequisite:** None

**Course Notes**      **Fine Arts Credit Option for Non-Musicians**

This course is designed to help students better understand the role of music in their lives, and the world around them. Students will study the history of music from the Medieval and Renaissance eras to the present; from classical styles to rock and roll, from Mozart to Mo-Town, and the basic elements of music theory. They will explore the impact of music on human culture and the importance of music as a form of praise and ritual in the Catholic Church. The students will experience music in a kinesthetic sense through some movement and hands-on experience with drums and hand bells. Students will enjoy listening to varied musical styles and watching videos that introduce musical eras. There will be a field trip to the Rock-And Roll Hall of Fame.

Evaluation is based on daily participation, cooperation, some written work, quizzes and tests designed to review the materials covered in class.

# Science

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*All 9<sup>th</sup> graders students will take Biology or Biological Sciences; 10<sup>th</sup> graders will take Physical Science; 11<sup>th</sup> graders will take Chemistry. Grade 11 and 12 students have the option of additional upper level electives in Biology and Chemistry. Physics is recommended for any student going into a math or engineering related field in college. Permission is required from the department to register.*

## **Biology [6531]**

**Grade Level:** 9      **Prerequisite:** None

Biology is a general survey of the study of life. Labs and textbooks are utilized.

## **Biological Sciences [6535]**

**Grade Level:** 9      **Prerequisite:** Assignment by members of the Science and Guidance Departments

This course is a general survey of the study of life utilizing the text with supplemental hands-on activities.

## **Physical Science [6510]**

**Grade Level:** 10      **Prerequisite:** Passing grade in Biology.

This course is a general survey of topics included in the Physical Sciences. Students will cover introductory chemistry topics, as well as, work, force, acceleration, vectors, waves, magnetism, and others. Students will take a state required performance-based and end-of-year assessment tests in this course.

## **Chemistry 1 [6570]**

**Grade Level:** 11      **Prerequisite:** Passing grade in Physical Science.

Chemistry 1 is structured for the college bound student who has a very good background and grades in math and science. Atomic structure, bonding, stoichiometry, periodicity, quantum mechanics, and matter and energy are the basic components of this program.

## Marymount Health Care Internship Program Course Offerings

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*The following courses are ONLY offered to Pre-Professional Internship students who have selected the Marymount Catholic Health Care program of study.*

### **Medical Science and Technology 1 [6712]**

**Grade Level:** 10      **Prerequisite:** "C" in Biology.      **Course Note:** Required for Health Care interns.

As the introductory course to the Marymount Catholic Health Care program, Medical Science and Technology 1 combines two major learning strands. The first focus area provides the student with an extensive overview of the organizational, legal, financial, ethical and pastoral aspects of the Catholic health care ministry. The second focus area is a hands-on lab where students will acquire the knowledge and skills required for direct patient care.

## Medical Science and Technology 2 [6713]

**Grade Level:** 11      **Prerequisite:** "C" in both Medical Science 1 and Biology.

**Course Note:** Required for Health Care interns.

This is the second course required of students enrolled in the Marymount Catholic Health Care internship program. Medical Science and Technology 2 continues the student's exploration of the health care ministry.

*Selecting an Honors or Advanced Placement Course: Teacher schedules and the number of class sections offered are determined by the number of students who request a course. Students should review the subject alternatives carefully before making a course decision.*

*If the student decides after June 7, 2019 to change their course request from an Honors or AP level course to the "regular" level course, it will appear on their transcript as a "withdraw" (WD), unless the teacher and/or counselor feel that the student is misplaced or incapable of meeting the academic standards of the course. See your grade level counselor if you need further details.*

## Environmental Science [6720]

**Grade Level:** 11, 12      **Prerequisite:** "C" in both Biology and Chemistry 1

This course is a study of the relationships between human beings and their environment. Topics include the study of ecosystems, populations, natural resources, and pollution. Outdoor fieldwork may be included; time and weather permitting.

## Physics [6620]

**Grade Level:** 12, select grade 11      **Prerequisite:** "C" in Chemistry 1 and Biology; "C" in Algebra 1; "C" in Geometry; Algebra 2 is highly recommended

Physics is a lab course designed for the college or technical-school bound student with an interest in physics, engineering, architecture, math, or related fields. Topics include mechanics, motion, gravity, Newton's Laws, simple machines, and work.

## Honors Anatomy and Physiology [6555]

**Grade Level:** 11 (not available to Health Care interns), 12

**Prerequisite:** Department Permission; "C" in Biology and Chemistry 1; "C" in MedTech2 (Health Care interns)

**Course Note:** Required in senior year for Health Care interns.

This accelerated lab course is designed for the college-bound student with an interest in biology and related fields. Topics include human anatomy and physiology. Dissection is an important part of this class. This is a lecture and note intensive class, requiring daily study.

## Honors Chemistry 2 [6600]

**Grade Level:** 11, 12      **Prerequisite:** Department Permission; "C" in both Biology and Chemistry 1

Chemistry 2 is an accelerated laboratory class that emphasizes chemical analysis, thermochemistry, chemical kinetics, pH/pOH concepts, qualitative analysis of anions and cations, and gas laws.

## Honors Oceanography and Marine Biology [6705]

**Grade Level:** 11, 12      **Prerequisite:** Department Permission; "C" in both Biology and Chemistry 1

This course is a study of the ocean, including a survey of marine life and ocean characteristics (*Biology, Chemistry, Geology, and Physics*).

# Social Studies

**Selecting an Honors or Advanced Placement Course:** Teacher schedules and the number of class sections offered are determined by the number of students who request a course. Students should review the subject alternatives carefully before making a course decision.

- Beginning in the 2019-2020 school year, all students enrolled in AP courses will be required to take the Spring AP Exam. (All AP Exams costs will be paid by Trinity High School).
- If the student decides after June 7, 2019 to change their course request from an Honors or AP level course to the “regular” level course, it will appear on their transcript as a “withdraw” (WD), unless the teacher and/or counselor feel that the student is misplaced or incapable of meeting the academic standards of the course. See your grade level counselor if you need further details.

## World History [8020]

**Grade Level:** 9      **Prerequisite:** None

This **required** class for freshmen will explore developments in world history over the last 500 years in order to better understand today’s interdependent world. The course will focus on people and events that have changed the course of history and will examine factors that have had an impact on historical events such as geography, government, economics, religion, and artistic/literary expression.

## Advanced Placement World History [8022]

**Grade Level:** 9      **Prerequisite:** Department Recommendation

This is an advanced class that prepares select freshmen for the Advanced Placement Exam in May. The curriculum teaches about significant events, individuals, developments, and processes in six historical periods from approximately 8000 B.C.E. to the present. Students will use their critical thinking skills to analyzing primary and secondary sources; making historical comparisons; utilizing reasoning about contextualization, causation, and continuity and change over time; and developing historical arguments.

## Global Study [8010]

**Grade Level:** 10      **Prerequisite:** None      **Credit Value:** 0.50

This required class rotates weekly with Physical Education 2 (see Health and Physical Education section, page 10). Global Studies is a course designed to introduce key concepts in Economics, World History from 1945 to present and citizen knowledge. Required skills for success on the PSAT, ACT, SAT, and OGT are reviewed.

## U.S. History [8060]

**Grade Level:** 11      **Prerequisite:** World History

This **required** class for juniors surveys the historical events and figures, cultural and social development, and political and economic issues that have influenced the development of the United States from a revolutionary upstart to a world power.

## Advanced Placement U.S. History [8070]

**Grade Level:** 11      **Prerequisite:** Recommendation of the English and Social Studies departments; minimum of a “B” in Honors English or “A” in standard English; “A” in World History.

This advanced class prepares select juniors for the Advanced Placement Exam in May. Topics covered include the political, social, cultural, and economic history of the United States from the Revolution through the present, using college level materials. Students will be instructed in higher level thinking and writing skills expected of college freshmen.

## **US Government [8160]**

**Grade Level:** 12      **Prerequisite:** World History, U.S. History or AP equivalents.

Within this required class for all seniors, students study the structure and functions of the United States government system at the federal, state and local level. Eligible students will be able to vote and all students will review their rights and responsibilities as a citizen within a democratic society. *Advanced Placement fulfills this requirement for selected students.*

## **Advanced Placement U.S. Government and Politics [8170]**

**Grade Level:** 12      **Prerequisite:** Recommendation of the English and Social Studies departments; minimum “B” in Honors English or “A” in standard English; and “B” in AP U.S. History or “A” in U.S. History.

This is an advanced class that prepares select seniors for the Advanced Placement Exam in May. This is a college-level, nonpartisan introduction to key political concepts, ideas, institutions, policies, interactions, roles, and behaviors that characterize the constitutional system and political culture of the United States. Students will engage in disciplinary practices that require higher level thinking as they will read and interpret data, make comparisons and applications, and develop evidence-based arguments.

## **Psychology/Sociology [8195]**

**Grade Level:** 12      **Prerequisite:** World History, U.S. History, or AP equivalents

In **Psychology**, students will examine the theories of human behavior and the workings of the human mind. **Sociology** introduces students to the study of human groups and institutions. Students will analyze the causes and effects of group behavior on society and its key organizations: the family, church, government, education, and economic systems.

# Theology

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In order to graduate from Trinity High School, all students are required to complete 4.0 credits in Theology.

The United States Conference of Catholic Bishops has announced that all Catholic high schools develop their curricula around a framework of six core courses and selected discretionary courses. Trinity High School has implemented this framework. Our course offerings reflect all six courses directed for the core curriculum grades, with additional courses selected from discretionary options as allowed by the Cleveland Diocese.

## Theology 9 [9010]

**Grade Level:** 9      **Prerequisite:** None

### Part 1: The Revelation of Jesus Christ in Scripture

This course will give students a general knowledge and appreciation of the Sacred Scriptures and encounter the living Word of God, Jesus Christ. In this course, students will learn about the Bible, with focus on the Old Testament, and its value to people throughout the world. They will learn how to read the Bible and become familiar with the major sections and the books included in each section. Also, students learn how the Church instructs us to read and interpret the Bible through authoritative documents and explore the relation of the Bible to science and history.

### Part 2: Who is Jesus Christ?

Students will be introduced to the Mystery of Jesus Christ, the Living Word of God, the second Person of the Blessed Trinity. Students will understand that Jesus Christ is the ultimate revelation to us from God. In learning about who he is, students will also learn who he calls them to be.

## Theology 10 [9040]

**Grade Level:** 10      **Prerequisite:** None

### Part 1: The Mission of Jesus Christ – The Paschal Mystery

The purpose of this course is to help students understand all that God has done for us through his Son, Jesus Christ, with focus on the Gospels where students may grow to know and love Jesus Christ more personally. Through this course of study, students will learn that for all eternity, God has planned for us to share eternal happiness with him, which is accomplished through the Redemption Christ won for us. Students will learn that they share in this Redemption only in and through Jesus Christ. They will also be introduced to what it means to be a disciple of Christ and what life as a disciple entails.

### Part 2: Jesus Christ's Mission Continues in the Church

This course will help students understand that in and through the Church they encounter the living Jesus Christ. They will be introduced to the fact that the Church was founded by Christ through the Apostles and is sustained by him through the Holy Spirit. They will come to know that the Church is the living Body of Christ today, with both Divine and human elements. Students will also learn about the sacred nature of the Church.



## Theology 11 [9070]

**Grade Level:** 11      **Prerequisite:** None

### Part 1: Sacraments as Privileged Encounters with Jesus Christ

Students will gain a concrete understanding of the journey toward sainthood and gather practical strategies and tools to build their Moral Character in Christ. Some of these tools include: the Sacraments, and Sacramentals such as personal retreats, spiritual and secular reading, the rosary, scapulars, various forms of prayer, analyzing art and media, phone apps, and more. Students will examine each of the Sacraments in detail so as to learn how they may encounter Christ throughout life.

### Part 2: Life in Jesus Christ – Morality

Students will learn the moral concepts and precepts that govern the lives of Christ's disciples by analyzing Christianity as well as our society at large. The class will engage in Socratic Discussions and debate various moral topics and issues that are prevalent in our society today, building a firm and well-rounded Christian faith in which students can defend their beliefs.

## Theology 12 [9090]

**Grade Level:** 12      **Prerequisite:** None

### Part 1: Living as a Disciple of Jesus Christ in Society

The Church's Social Teaching is introduced in this course. Students will learn how the Church's concern for others, especially the poor and needy, is present today in the Church's social teaching and mission.

### Part 2: Responding to the Call of Jesus Christ

Students will discuss the vocations of life: how Christ calls us to live. They will learn how vocations are similar and how they differ. The course is structured around married life, single life, priestly life, and consecrated life. Students will learn what it means to live life for the benefit of others and the value in considering a vocation in service to the Christian community.

## Ministry Leadership [9005]

**Grade Level:** 12      **Credit Value:** None

**Prerequisite:** A personal interview with Mr. Svoboda. A limited number of students will be selected.

Allow the Holy Spirit to work in your life as you serve the younger members of our family by being a Ministry Leader. This unique program allows seniors the opportunity to minister to the spiritual needs of the Trinity High School student body. In a prayerful and reflective atmosphere, Ministry Leaders use the environment of the beautiful Porziuncola to prepare retreats, masses, prayer services, and service projects. Build your leadership skills and create lasting bonds with your fellow seniors as you allow God to work in your life by serving Trinity as a Ministry Leader.

# World Language

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## Spanish 1 [4110]

**Grade Level:** 10    **Prerequisite:** None    **Course Note:** Graduation requirement

This class is an introduction to the Spanish language with emphasis placed upon listening and speaking skills. Students are introduced to basic skills of reading and writing and the fundamentals of Spanish grammar. Basic elements of the Hispanic culture are also presented.

## Spanish 2 [4130]

**Grade Level:** 11    **Prerequisite:** Passing grade in Spanish 1.    **Course Note:** Graduation requirement

Provides a smooth progression from the work of the first level with a greater emphasis placed upon the listening and speaking skills that lead to a strengthening of the reading and writing skills. Students are further exposed to the Hispanic culture through a variety of readings and projects.

## Spanish 3 [4150]

**Grade Level:** 11, 12    **Prerequisite:** A minimum average of "C-" in Spanish 2 is strongly recommended

Endeavors to develop in the student a proficiency in listening, speaking, reading, and writing. It also serves to deepen the student's understanding and appreciation of Hispanic culture through a meaningful study of art and literature.

## Spanish 4 [4170]

**Grade Level:** 11, 12    **Prerequisite:** A minimum average of "B" in Spanish 3 is strongly recommended

Has three main objectives: to help students become more proficient in the skills of listening, speaking, reading, and writing; to understand the people of Spain and the Hispanic nations through a presentation of their literature; and to become acquainted with the principal literary movements and famous writers.