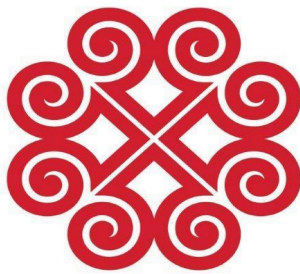


Hmong College Prep Academy



HCPA

Course Description

High School & Middle School

HMONG COLLEGE PREP ACADEMY (HCPA) MISSION

Hmong College Prep Academy's mission is to provide the best integrated, challenging, and well-rounded educational experience to students in grades K-12.

HCPA is a K-12 charter school that provides its students with a college-focused curriculum. The school is composed of over 165 licensed teachers (64-MA or higher), 20 paraprofessionals and 45 district/admin. personnel; all of whom share the ideology that all students, regardless of socio-economic background, will be given the opportunity to pursue a post-secondary education. Since '04, HCPA has expanded its campus five times to serve the needs of their stakeholders.

ABOUT HMONG COLLEGE PREP ACADEMY

HMONG COLLEGE PREP ACADEMY QUICK FACTS

GRADES: K-12

ENROLLMENT: 2,506

SIZE OF SENIOR CLASS: 188 (CLASS OF 2025)

SCHOOL DAY: 6 Period day



HCPA Grade Points

Letter Grade	Percentage	4.0 Grade Points	4.333 Grade Points	5.0 Grade Points
A	93% or above	4.000	4.333	5.000
A-	90% - 92%	3.667	4.000	4.667
B+	87% - 89%	3.333	3.667	4.333
B	83% - 86%	3.000	3.333	4.000
B-	80% - 82%	2.667	3.000	3.667
C+	77% - 79%	2.333	2.667	3.333
C	73% - 76%	2.000	2.333	3.000
C-	70% - 72%	1.667	2.000	2.667
D+	67% - 69%	1.333	1.667	2.333
D	63% - 66%	1.000	1.333	2.000
D-	60% - 62%	0.667	1.000	1.667
F	Fail	0.000	0.000	0.000
CR	Credit	0.000	0.000	0.000
P	Pass	0.000	0.000	0.000
NG	No Grade	0.000	0.000	0.000
		All general courses, including ELL and Special Education classes.	All honors level courses	All courses that can potentially earn college credits, including CIS, AP, and PSEO classes

For more information regarding GPA and class rank, please contact counseling.department@apps-hcpak12.org.

HCPA GRADUATION REQUIREMENTS:

Students must earn credits in grades 9-12 in the following areas in order to participate in commencement and earn a diploma:

HCPA Minimum Graduation Requirements:

Hmong College Prep Academy's graduation requirements align with the Minnesota state high school graduation requirements. Students must earn the following credits:

English/Language Arts	4 years	12 credits
Social Studies	4 years	12 credits
Math (up to Algebra 2 or its equivalent)	3 years	9 credits
Science (1 full year must be biology)	3 years	9 credits
Health	1 semester	1.5 credits
Physical Education	1 semester	1.5 credits
Fine Arts Elective (dance, music, theater, visual arts and/or media arts)	1 year	3 credits
Other Electives	4 years	12 credits
	Minimum total credits:	60 credits

Registering for Courses

All students will register for their courses using their PowerSchool account.

Fine Arts

(Note: all courses may have optional fee-based projects offered to students)

Credit	Course #	Course Name	Prerequisites and Notes	Arts	Grades
1.5	AR400	AP Art and Design	Art Foundations	Y	10-12
1.5	AR275	Art Foundations		Y	9-12

Business

Credit	Course #	Course Name	Prerequisites and Notes	Arts	Grades
1.5	CT240	Personal Finance			9-12
1.5	CT245	Computer Application			9-12
1.5	CT255	Entrepreneurship			9-12

English

Credit	Course #	Course Name	Prerequisites and Notes	Arts	Grades
3.0	EN150	English 9	Full year course. Credit 1.5 per semester.		9
3.0	EN160	English 9 Honors	Full year course. Credit 1.5 per semester.		9
3.0	EN250	English 10	Full year course. Credit 1.5 per semester.		10
3.0	EN260	English 10 Honors	Full year course. Credit 1.5 per semester.		10
3.0	EN300	English 11	Full year course. Credit 1.5 per semester.		11
3.0	EN325	English 11 Honors	Full year course. Credit 1.5 per semester.		11
3.0	EN400	English 12	Full year course. Credit 1.5 per semester.		12
1.5	EN 645	College Composition	First semester of full year course. Credit 1.5 per semester.		12
1.5	EN650	CIS English	Second semester of full year course. Credit 1.5 per semester.		12
1.5	EN650	CIS Literature	Full year course. Credit 1.5 per semester		12

English Language Learner (ELL)

Credit	Course #	Course Name	Prerequisites and Notes	Arts	Grades
3.0	EL200	ELL 2 English	Full year course. Credit 1.5 per semester.		9-12
3.0	EL210	ELL 2 Science	Full year course. Credit 1.5 per semester.		9-12
3.0	EL300	ELL 3 English	Full year course. Credit 1.5 per semester.		9-12

Health

Credit	Course #	Course Name	Prerequisites and Notes	Arts	Grades
1.5	PH150	Health			9

Mathematics

All courses will utilize technology. It is highly recommended that students enrolling in Math courses have a graphing calculator (model TI-84 recommended).

Credit	Course #	Course Name	Prerequisites and Notes	Arts	Grades
3.0	MA290	HS Algebra 1	Full year course. Credit 1.5 per semester.		9
3.0	MA250	Geometry	Full year course. Credit 1.5 per semester.		9-10
3.0	MA390	HS Algebra 2	Full year course. Credit 1.5 per semester. HS Alg 1		11
3.0	MA450	Pre-Calculus	Full year course. Credit 1.5 per semester. HS Alg 1&2		11-12
3.0	MA470	Pre-Calculus, Accel	Full year course. Credit 1.5 per semester. HS Alg 1&2		11-12
3.0	MA560	CIS College Algebra	Full year course. Credit 1.5 per semester. HS Alg 1&2		11-12
3.0	MA450	AP Calculus AB	Full year course. Credit 1.5 per semester. Pre-Calculus		11-12
3.0	MA470	AP Calculus AB, Accel	Full year course. Credit 1.5 per semester. Pre-Calculus		11-12
3.0	MA685	AP Comp Sci Principles	Full year course. Credit 1.5 per semester.		11-12
3.0	MA665	AP Computer Science A	Full year course. Credit 1.5 per semester.		11-12

Other Electives

Credit	Course #	Course Name	Prerequisites and Notes	Arts	Grades
1.5	SS170	Yearbook	Credit 1.5 per semester.		9
1.5	EN200	Creative Writing	Credit 1.5 per semester.		9-12
1.5	EN225	Journalism	Credit 1.5 per semester.		9-12

Music/Theatre (Fine Arts)

Credit	Course #	Course Name	Prerequisites and Notes	Arts	Grades
1.5	MU900	AP Music Theory	Credit 1.5 per semester.		10-12
1.5	TH275	Broadcasting	Credit 1.5 per semester.		11-12
1.5	MU440	Chamber Choir	Credit 1.5 per semester.		9-12
1.5	MU450	Concert Choir	Credit 1.5 per semester.		9-12
1.5	MU575	Concert Doubler	Credit 1.5 per semester.		9-12
3.0	MU500	Honors Band	Full year course. Credit 1.5 per semester.		9-12
1.5	MU775	Music Creation	Credit 1.5 per semester.		9-12
1.5	TH200	Intro to Theatre	Credit 1.5 per semester.		9-12
1.5	TH250	Productions	Credit 1.5 per semester.		11-12

Physical Education

Credit	Course #	Course Name	Prerequisites and Notes	Arts	Grades
1.5	PE150	Physical Education	Credit 1.5 per semester.		9
1.5	PE450	Advanced Physical Education	Credit 1.5 per semester.		9-12

Science

Credit	Course #	Course Name	Prerequisites and Notes	Arts	Grades
3.0	SC160	Science Foundations	Full year course. Credit 1.5 per semester.		9
3.0	SC250	Biology	Full year course. Credit 1.5 per semester.		9-10
3.0	SC260	Biology Honors	Full year course. Credit 1.5 per semester.		9-10
3.0	SC350	Chemistry	Full year course. Credit 1.5 per semester.		10-12
3.0	SC360	Chemistry Honors	Full year courses. Credit 1.5 per semester.		10-12
3.0	SC580	AP Environmental Science	Full year course. Credit 1.5 per semester.		9
3.0	SC260	AP Physics	Full year course. Credit 1.5 per semester.		11-12
3.0	SC575	AP Biology	Full year course. Credit 1.5 per semester.		11-12
3.0	SC585	AP Chemistry	Full year courses. Credit 1.5 per semester.		11-12
3.0	SC585	CIS Human Physiology	Full year courses. Credit 1.5 per semester.		11-12

Social Studies

Credit	Course #	Course Name	Prerequisites and Notes	Arts	Grades
3.0	SS155	World Geo/Ancient Hist	Full year course. Credit 1.5 per semester.		9
3.0	SS190	Pre-AP World Geo/Ancient Hist	Full year course. Credit 1.5 per semester.		9
3.0	SS250	World History	Full year course. Credit 1.5 per semester.		10
3.0	SS280	AP European History	Full year course. Credit 1.5 per semester.		10
3.0	SS350	U.S. History	Full year course. Credit 1.5 per semester.		11
1.5	SS45	Government	Semester 1 course. Credit 1.5 per semester.		10-12
1.5	SS475	Economics	Credit 1.5 per semester. Government Semester 2		10-12

World Language

Credit	Course #	Course Name	Prerequisites and Notes	Arts	Grades
3.0	CH160	Chinese I	Full year course. Credit 1.5 per semester.		9-12
3.0	CH250	Chinese II	Full year course. Credit 1.5 per semester.		9-12
3.0	EL210	CIS Chinese	Full year course. Credit 1.5 per semester.		9-12
3.0	HL150	Hmong I	Full year course. Credit 1.5 per semester.		9-12
3.0	HL250	Hmong II	Full year course. Credit 1.5 per semester.		9-12
3.0	HL350	Hmong III Honors	Full year course. Credit 1.5 per semester.		9-12

FINE ARTS / PERFORMING ARTS COURSES

Fine Arts Credit Graduation Requirement:

3 credit (can be from Art or Music department)

- Once a student has successfully completed the 1 Fine Arts credit required for graduation, they may take additional Art courses to fulfill the graduation requirement of 12 elective credits.
- All AP Courses require a portfolio submission to the AP board for testing during spring semester

ELECTIVES

Creative Writing

Prerequisite: None

1 Semester 1.5 Credits

Course#: EN200

In Creative Writing, students will explore storytelling, both from our imaginations and the real world. Students will read and discuss examples of creative writing, and study the ideas and tools we can use. They will write stories and pieces in a variety of both fiction and nonfiction genres. Students will work to be a writing community that helps to encourage and inspire each other! Each semester will feature different types of projects, but both will include writing stories.

Journalism

Prerequisite: None

1 Semester 1.5 Credits

Course#: EN225

Students that enroll in this class will learn important journalism skills in the areas of news writing, editing, photography, layout/design and other elements of production. They study the basic principles of print and online journalism as they examine the role of printed news media in our society.

Language Essentials

Prerequisite: None

1 Semester 1.5 Credits

Course#: EN125

Language Essentials course is to strengthen students' language skills - reading, writing, listening and speaking - in order to confidently meet the cognitive and literacy demands in every content area. As a result of this course, the student will be able to: develop individual personal, academic, & reading & writing strengths; integrate various strategies to comprehend what he/she reads; use appropriate speaking skills to participate in academic discussions; apply critical listening skills to explain or understand directions; gain and apply background knowledge to build confidence and make inferences about academic content, apply word analysis skills to decode and comprehend vocabulary, manage distractions and build stamina to efficiently use time to maximize learning.

Yearbook
Weight

1 Semester 1.5 Credits
Course #: SS170

Students learn basic principles of yearbook production and develop skills that include writing copy, captions and headlines; digital photography; desktop publishing and using appropriate tools for media production. **Prerequisite: None**

FINE ARTS

Art Foundation

Weight: 1.0

1 Semester 1.5 Credits

Course #: AR275

In this class students will learn about the artistic process including artistic intent and an understanding of the cultural, historical or social contexts that influence the creation of art. The focus of the class will be the Elements and Principles of Design. A variety of media will be used while emphasizing the Techniques and processes and artist incorporates in the studio. **Prerequisite: None**

AP Art and Design

Weight: 1.2

Prerequisite: Art Foundation

1 Full Year 3 Credits

Course #: AR400

This course is an introductory college-level two-dimensional design course. Students refine and apply skills and ideas they develop throughout the course to produce two-dimensional art and design.

AP Music Theory

Weight: 1.2

Prerequisite:

1 Full Year 3 Credits

Course #: MU900

AP Music Theory is an introductory college-level music theory course. Students cultivate their understanding of music theory through analyzing performed and notated music as they explore concepts like pitch, rhythm, form, and musical design

Broadcasting

Weight: 1.0

Prerequisite: Students must be Juniors, Seniors, or have permission of course instructor prior to enrollment.

1 Semester 1.5 Credits

Course #: TH275

Broadcasting is a class in development based around the production of media and film. We will be studying the format of news media production and editing, TV/Radio series structure, and project based learning through the creation of a School News Outlet. focusing on skills in front of and behind a camera, this class provides opportunities for creative outlet, cooperative working, and social engagement throughout the school.

Chamber Choir

Weight: 1.0

1 Full Year 3 Credits

Course #: MU440

Hmong College Prep Academy's Choirs focus on developing comprehensive choral musicianship through preparation and performance. Choir members will be exposed to a variety of choral music literature with an emphasis on musical understanding and quality performance. Choir members will also explore their changing voices through learning various vocal techniques and skills. Advanced/Chamber Choir aims to push all of these skills a step further by having students take a more cooperative and leadership role in their learning through learning to conduct, read music at a higher level, prepare and perform higher level choral music, and delve more in-depth into that performance music. .

Concert Choir

Weight: 1.0

1 Full Year 3 Credits

Course #: MU450

Concert Choir is a performance elective which requires an audition with the director. The Concert Choir sings a wide variety of musical works that spans history and the globe. The choir performs numerous times a year. The choir has performed at community events, invitationals, elementary, middle and high schools, and colleges. The choir competes in the MSHSL State Large Group Contest every year. Concert choir has traveled to Chicago, Illinois, Duluth, Minnesota and Madison, Wisconsin to perform, participate in choral clinics, visit colleges and sightsee. The partnership that the choir shares with the choral department at the University of Concordia and Dr. David Mennicke has enriched the musical education of our students since its inception.

Prerequisite: Admittance into Concert Choir requires an audition with the choir director. Auditions will be held at a later date. If you are planning to audition, please choose this elective as your #1 choice.

Concert Doubler

Weight: 1.0

1 Full Year 3 Credits

Course #: MU575

Prerequisite: Due to the extra work and high level of musicianship required to accomplish this, students are only allowed to enroll in this course with the permission of all necessary secondary music teachers based upon the dedication and skill they have demonstrated in music class in previous semesters. Semester or Full Year

A Concert Doubler is a student who is enrolled in Concert Choir and Concert Band simultaneously for a semester/year. Due to the extra work and high level of musicianship required to accomplish this, students are only allowed to enroll in this course with the permission of all three secondary music teachers based upon the dedication and skill they have demonstrated in music class in previous semesters.

General Music

Weight: 1.0

1 Semester 1.5 Credits

Course #: MU125

Prerequisite:

In this class we'll explore the purposes of music, various styles of music, musical instruments, and music of other cultures through presentations, research, listening activities, hands-on activities, and projects.

Graphic Art

Weight: 1.0

1 Semester 1.5 Credits

Course #: AR285

Prerequisite: Art Foundation

This class is designed to be a more advanced art course. This class will introduce the design process with a focus more on graphics. Students will develop an understanding of the graphic design industry from concept to completion. The students will propose projects, "marketable concepts" and develop a completed proposal. The students will explore illustration techniques to be used as a tool and incorporate into proposals.

Prerequisite: Art Foundations or Teacher permission.

Graphic Novel

Weight: 1.0

1 Semester 1.5 Credits

Course #: EN230

Prerequisite: Successful completion of 9th grade English Full Year

This class does not require artistic talent. This class focuses on the literary merit of graphic novels and the comic book format and analyzes the work's artistic and literary elements. Students will read various graphic novels, from short stories to adaptations of full-length text novels, and apply a critical lens to the visuals, lines, plot structure, and expression used within each text. To demonstrate their learning, students will create presentations focused on each analytical element, make critical literary reviews of select texts, and argue for or against the use of graphic novels and comic books within the classroom.

Honors Band

Weight: 1.1

1 Semester 1.5 Credits

Course #: MU500

Honors Band is a class where students learn to play instruments. This class is primarily geared towards 4th through 7th year players. Each instrument (flute, oboe, bassoon, clarinet, bass clarinet, alto saxophone, tenor saxophone, bari saxophone, trumpet, french horn, trombone, euphonium, tuba, and percussion) have a unique sound. When all the instruments play at the same time together, we call it band. In Honors Band class, students will learn both technical and musical skills on their chosen instrument, at the advanced level. Along with developing their musicality, students will also develop skills in self discipline, accountability, expression, and teamwork.

Prerequisite: Intermediate Band or Teacher permission.

Music Creation

Weight: 1.0

1 Full Year 3 Credits

Course #: MU775

Music Creation will focus on students constructing their own musical ideas to create their own pieces of music. In this class, students will learn how to read and write music, along with learning about everything that goes into writing a piece of music of your own. Technology will be a major component to this course, where we will explore all the latest music creation applications and composition software that will support the creation process. Students will directly apply the skills learned in class to any instrument that is accessible to them, including piano/keyboard, guitar, ukulele, voice, or any brass, woodwind, or string instruments. Students will spend time developing their technical skills and musicianship on any instrument they please, while studying the fundamentals of music theory. Along with developing their musicality, students will also develop skills in self-discipline, accountability, expression, and creativity.

Introduction to Theatre**Weight: 1.0****1 Semester 1.5 Credits****Course #: TH200**

An introductory course to acting where we focus on themes of Greek, Shakespearean, and contemporary theatre. We read through the shows, discuss ideas that make it relevant to today, and take the material to the stage. The goals of the class include increased confidence in public speaking, flexibility with improvisation, reading skills, visualization, and ability to see others' perspectives.

Productions**Weight: 1.0****1 Semester 1.5 Credits****Course #: TH250**

Prerequisite: Prerequisite: Students must be Juniors, Seniors, or have permission of course instructor prior to enrollment. (Semester or Full Year)

This class is an opportunity to work together as a team and put on a show. Main focus of the class is putting together a show from the acting perspective. Each student will audition and receive a part. There are also parts of tech will be presented in class. Students will present a show to Elementary students in 1st Semester.

Business Courses

Credit Graduation Requirement:

Business courses fulfill the graduation requirement for the 12 elective credits a student needs.

BUSINESS

Computer Applications

Weight: 1.0

1 Semester 1.5 Credits

Course #: CT245

The Microsoft Office suite of application software is one of the most widely used software packages in the business world. This course will cover the three most used components: Word (word processing application), Excel (spreadsheet application), PowerPoint (presentation application). This course will equip students with the basic knowledge to create academic and business worthy documents.

Entrepreneurship

Weight: 1.0

1 Semester 1.5 Credits

Course #: CT255

Potential business majors, entrepreneurs, and small business owners, this course is for you! To be successful in today's world, you will need basic understanding of business affairs. This course will provide a solid foundation about what business is, how it operates, and how it is managed. This class will incorporate projects, business speakers, and lecture.

Personal Finance

Weight: 1.0

1 Semester 1.5 Credits

Course #: CT240

In a recent survey conducted by BizKid\$, over 70% of teenagers (1318) believed that they will have "plenty of money" in their future. These same teenagers also believed that their average annual salary would be about \$145,000. Now, it's great to dream big, but the more alarming statistics revealed by this study showed that less than half of these teenagers knew how to make a budget, how credit works, and how to obtain and maintain a checking account. This course will look to build a solid financial foundation with topics ranging from budgeting, banking services, taxes, investments, and retirement. Students will also participate in the Stock Market game.

ENGLISH COURSES

English Credit Graduation Requirement:

12 credits

ENGLISH

ELL 2 English

Weight 1.0

Full Year 3 Credits

Course #: EL200

This course expands on students' skills and strategies in English listening, speaking, reading and writing. Reading fluency and strategies are developed through different forms of literature, including fiction and non-fiction texts, short stories, plays, poetry, and newspapers. Grammar is strengthened through writing practice from sentence to paragraph levels. This course focuses on learning and spelling new vocabulary words. Students' spoken English is practiced in small and large group academic and social activities. Research skills are introduced and practiced by the students in this course.

English 9

Weight 1.0

Full Year 3 Credits

Course#: EN150

This course emphasizes continued development of reading, writing, and oral communication. Students will read a wide variety of literature, including drama, novels, short stories, poetry and nonfiction. Students are expected to become more effective writers and will use critical thinking and technology to communicate ideas of writers, and ideas of their own. One goal of this course is to help students improve their reading and writing skills. This course fulfills curriculum requirements and meets the Minnesota graduation standards for 9th grade.

English 9 Honors

Weight 1.0

Full Year 3 Credits

Course#: EN160

Honors is designed to provide the student with enrichment in higher level thinking skills, with more rigorous standards in the application of study and listening skills, with higher expectations in the production and delivery of presentations, and with more challenging reading assignments and grammar studies. In addition, there is the expectation that the student will be able to employ a mature writing style when applying and analyzing the course materials which cover various genres and modes including verse, stories, dramas, novels, essays and nonfiction works.

English 10
Weight 1.0

Full Year 3 Credits
Course#: EN250

This course takes a practical approach to skills in reading and comprehension, writing/editing, communicating/speaking effectively, and critical thinking. The course also covers the main concepts, genres, and themes of literature. Writing experiences include paragraphs and formal essays. Students will review basic grammar as well as practice their speaking skills. This course fulfills curriculum requirements and meets the Minnesota graduation standards for 10th grade.**Prerequisite: None**

English 10 Honors
Weight 1.0

Full Year 3 Credits
Course#: EN260

The honors class assumes students read at grade level without much guidance. Students will read and study a variety of classic literature from America, Europe and Asia. Students will work on advanced writing and mechanics skills to prepare them for college analysis essays and projects.

English 11
Weight 1.0

Full Year 3 Credits
Course#: EN300

This course includes a focus on reading a wide range of genres, including novels, informational text, and poetry, from literature that represents different eras in American history. In particular, students are asked to think critically about how various groups have been part of the American experience. There is also a focus on improving students' writing and speaking abilities in order to communicate clearly and effectively.

English 11 Honors
Prerequisite: None

Full Year 3 Credits
Course#: EN325

In addition to the same topics covered in English 11, in the Honors section students are expected to engage in robust critical and imaginative thinking in order to participate in discussions and projects that explore themes of democracy. The pace is brisk and students are expected to analyze and apply various rhetorical devices with intention.

English 12
Prerequisite: None

Full Year 3 Credits
Course#: EN400

In this course students explore works of literature from around the world in order to expand their understanding of individuals and societies. Students refine their communication skills to present information and arguments with clarity in preparation for college and beyond.

College Composition
Prerequisite: None

1 Semester 1.5 Credits
Course#: EN645

College Composition is designed specifically as a preparation class for the College in School (CIS) program. Students in this class are given the opportunity to learn how to research and write essays that go beyond the five paragraph standard. Students are exposed to a new way of writing and how to express their ideas. The reading in the class is very diversified; it includes professional journals, poems, longer non-fiction essays and college level opinion pieces. Students are expected to write a minimum of five research essays. They will be accountable to a higher standard in grading, reading, writing, attendance and discussion. This will enable them to enter the CIS program well prepared for the rigors of a college writing course.

Prerequisites: Students are placed in this class based on teacher recommendation and evaluation.

CIS English**Prerequisite: None****1 Semester 1.5 Credits****Course#: EN650**

This course develops academic reading, writing, and research skills. Students write in response to a variety of assignments, receive extensive one-on-one assistance, and work on computers. Clear/effective expression is emphasized through writing/revision. Students enrolled in this course can earn both college and high school credits. This course is generally taken in the 12th grade as an alternative to World Literature. This course is a semester long course, taken in conjunction with College Composition and in partnership with the University of Minnesota.

Prerequisites: Students are placed in this class based on teacher recommendation and evaluation.

Creative Writing**Prerequisite: None****1 Semester 1.5 Credits****Course#: EN200**

In Creative Writing, we'll explore storytelling, both from our imaginations and the real world. We'll read and discuss examples of creative writing, and study the ideas and tools we can use. We will write stories and pieces in a variety of both fiction and nonfiction genres. We will work to be a writing community that helps to encourage and inspire each other! Each semester will feature different types of projects, but both will include writing short stories.

CIS English**Prerequisite: None****Full year 3 Credits****Course#: EN660**

This is a writing-intensive course that also meets the Literature Core requirement. From epic battles against monsters in legendary kingdoms to stories about characters in worlds similar to our own, literature engages us with the diverse perspectives and experiences that make up our communities and world.

CIS Literature**Prerequisite: None****Full year 3 Credits****Course#: EN660**

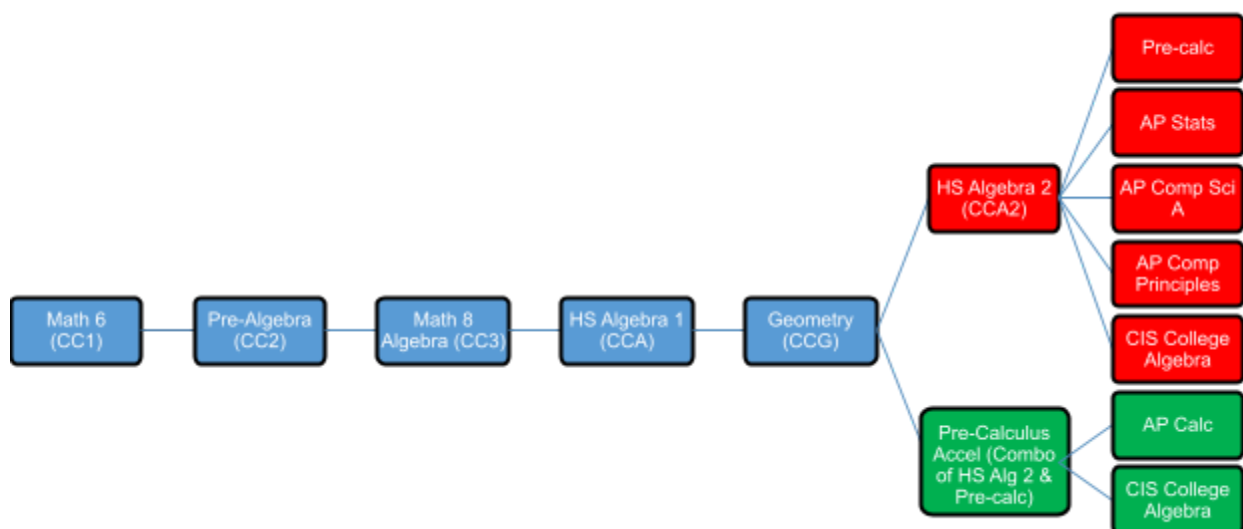
This is a writing-intensive course that also meets the Literature Core requirement. From epic battles against monsters in legendary kingdoms to stories about characters in worlds similar to our own, literature engages us with the diverse perspectives and experiences that make up our communities and world.

MATHEMATICS COURSES

Mathematics Credit Graduation Requirement:

9 credits with successful completion of HS Algebra I, Geometry...

MATHEMATICS



HS Algebra 1

Weight: 1.0

Full Year 3 Credits

Course#: MA290

This course provides the first and second semester of high school algebra study. This course builds on students' previous work with functions and relations from other algebra courses. While looking at functions in multiple representations, students further develop their skills in analyzing functions. Specific content addressed in the course includes analysis of linear, quadratic, absolute value equations and inequalities, and exponential functions. Arithmetic and geometric sequences and series are introduced. Growth patterns as well as domain and range are included in the study of these functions. Students are expected to begin to develop mastery of quadratic functions. Graphing calculators are used extensively to explore, confirm equivalence, solve, and to model applications of the functions learned.

Prerequisites: Successful completion of Math 8 Algebra, Intermediate Algebra, or by administrative permission.

Students that would like to earn Honors Credit in math this year will be asked to complete extra projects (Middle School) or a portfolio (High School) outside of the normal classroom hours. Honors Credit will be

awarded per semester based on the student's projects or portfolio. Students that are interested should talk to their math teacher about the specific details for their course.

Geometry
Weight: 1.0

Full Year 3 Credits
Course#: MA250

This course is a study of geometric concepts and uses geometric concepts to follow logical arguments. The course helps students to understand the basic structure of geometry, visualize plane and solid figures, understand deductive and inductive methods, and gain knowledge of the ways in which algebra and geometry complement each other. Students will better understand the nature of a mathematical system and appreciate the need for clarity and precision of language. Topics that will be covered include: parallel lines, congruent triangles, inequalities in triangles, quadrilaterals, trigonometry, similar polygons, right triangles, circles, constructions, and area. This course covers all the Minnesota state high school standards for geometry.

Prerequisites: Successful completion of Algebra II or HS Algebra 1 or with administrative permission.
Honors Credit in Math This Year:

Students that would like to earn Honors Credit in math this year will be asked to complete extra projects (Middle School) or a portfolio (High School) outside of the normal classroom hours. Honors Credit will be awarded per semester based on the student's projects or portfolio. Students that are interested should talk to their math teacher about the specific details for their course.

HS Algebra 2
Weight: 1.0

Full Year 3 Credits
Course#: MA290

This course provides the third and fourth semester of high school algebra study. Arithmetic and geometric series and sequences are mastered, along with radical functions, rational exponents, and exponential functions. Rational functions are introduced. Students will explore inverse functions while working with logarithms. This course builds on topics from HS Algebra 1 and covers the remaining Minnesota high school standards for algebra. Quadratic functions are examined through a transformational lens which is then applied to general power and polynomial functions. Growth patterns as well as domain and range are included in the study of these functions. Students are expected to develop mastery in operations with imaginary and complex numbers. Graphing calculators are used extensively to explore, confirm equivalence, solve, and to model applications of the functions learned.

Prerequisites: Successful completion of HS Algebra 1, or by administrative permission.

AP Pre-Calculus
Weight: 1.2

Full Year 3 Credits
Course#: MA475

AP Precalculus centers on functions modeling dynamic phenomena. This research-based exploration of functions is designed to better prepare students for college-level calculus and provide grounding for other mathematics and science courses. In this course, students study a broad spectrum of function types that are foundational for careers in mathematics, physics, biology, health science, social science, and data science

Prerequisites: Successful completion of HS Algebra 2, or by administrative permission.

Pre-Calculus, Accelerated**Weight: 1.0****Full Year 3 Credits****Course#: MA470**

This course is designed to compact HS Algebra 2 and Precalculus into one year of study for students who are strongly motivated to take AP Calculus AB their junior or senior year. This fast-paced course dives deeply into the algebraic topics in HS Algebra 2 as they are studied in Precalculus. In addition to algebraic topics, students work with the additional topics of limits and derivatives. This course replaces the typical sequence of HS Algebra 2, then Precalculus and is recommended for highly motivated students only because of the pace and workload.

Prerequisites: Successful completion of HS Algebra 1 and Geometry, or by administrative permission.

Pre-Calculus**Weight: 1.0****Full Year 3 Credits****Course#: MA450**

This course covers the study of functions and how they vary. Topics covered include functions and mathematical models, periodic functions, trigonometric and circular functions, fitting functions to data, probability, analytic geometry, sequences and series, limits and derivatives. This course will prepare students for Introductory Calculus courses offered by post-secondary institutions.

Prerequisites: Successful completion of HS Algebra 1, Geometry, and HS Algebra 2, or by administrative permission.

AP Computer Science A**Weight: 1.2****Full Year 3 Credits****Course#: MA665**

AP Computer Science A is equivalent to a first-semester, college level course in computer science. The course introduces students to computer science with fundamental topics that include problem solving, design strategies and methodologies, organization of data (data structures), approaches to processing data (algorithms), analysis of potential solutions, and the ethical and social implications of computing. The course emphasizes both object-oriented and imperative problem solving and design using Java language. These techniques represent proven approaches for developing solutions that can scale up from small, simple problems to large, complex problems.

Prerequisites: Successful completion of HS Algebra 2 and AP Computer Science Principles

AP Computer Science Principles**Weight: 1.2****Full Year 3 Credits****Course#: MA685**

AP Computer Science Principles is an introductory college-level computing course. Students cultivate their understanding of computer science through working with data, collaborating to solve problems, and developing computer programs as they explore concepts like creativity, abstraction, data and information, algorithms, programming, the internet, and the global impact of computing.

Prerequisites:

AP Calculus AB**Weight: 1.2****Full Year 3 Credits****Course#: MA670**

AP Calculus AB is roughly equivalent to a first semester college calculus course devoted to topics in differential and integral calculus. The AP course covers topics in these areas, including concepts and skills of limits, derivatives, definite integrals, and the Fundamental Theorem of Calculus. The course teaches students to approach calculus concepts and problems when they are represented graphically, numerically, analytically, and verbally, and to make connections amongst these representations. Students learn how to use technology to help solve problems, experiment, interpret results, and support conclusions.

Prerequisites: Pre-Calculus and teacher recommendation

AP Statistics**Weight: 1.2****Full Year 3 Credits****Course#: MA675**

The AP Statistics course is equivalent to a one-semester, introductory, non-calculus-based college course in statistics. The course introduces students to the major concepts and tools for collecting, analyzing, and drawing conclusions from data. There are four themes in the AP Statistics course: exploring data, sampling and experimentation, anticipating patterns, and statistical inference. Students use technology, investigations, problem solving, and writing as they build conceptual understanding

Prerequisites: Algebra 3 or HS Algebra 2

CIS College Algebra**Weight: 1.2****Full Year 3 Credits****Course#: MA560**

The course introduces students to the art of mathematical prediction through algebraic modeling and elementary probability theory. The class covers techniques of representing the behavior of real-world data with algebraic equations, including linear, polynomial, exponential and logarithmic functions. Students also learn basic probability theory including counting methods and conditional probability.

Prerequisites: Algebra 3, HS Algebra 2, or Pre-Calc

Math Essentials**Weight: 1.0****1 semester 1.5 Credits****Course#: MA140**

The Math Essentials course is designed to strengthen students' problem-solving skills while challenging students' mathematical mindsets to engage in productive struggle. The course will support students to build confidence and skills in being able to justify mathematical reasoning. The specific content and mode of delivery of each course will differ with grade level. Time will not be spent working on homework or straight skill practice. Students are identified and recommended for Math Essentials based on their proficiency on grade level standards in mathematics and teacher recommendations. The course is Pass/Fail (70%).

PHYSICAL EDUCATION AND HEALTH COURSES

Physical Education and Health Credit Graduation Requirement:

1.5 credit for Phy-Ed and 1.5 credit for Health

Once a student has successfully completed the Phy-Ed and Health credit required for graduation, they may take additional Phy-Ed and Health courses to fulfill the graduation requirement of 12 elective credits.

Phy Ed / Health

Health 9

Prerequisite: None

1 semester 1.5 Credits

Course#: PH150

Students will be guided through the National Health Education Standards for their grade level. Through these standards students will learn about the importance of safe physical activity, nutrition, how to be a responsible decision maker, stress management, goal setting skills, become informed consumers, the dangers of tobacco, alcohol and other drugs and diseases. This course will lay the foundation for a health life. Students will be graded with a variety of tools including quizzes, tests, journals, projects, class participation, in class reading, discussions, debates, and in class writing assignments.

Physical Education

Prerequisite: None

1 Semester 1.5 Credits

Course#: PE150

Students will learn how to keep his/her body fit and healthy, understand why physical education is an important facet in our lives, take responsibility for his/her safety and those around them, and practice good sportsmanship while taking pride in hard work. Students will also value their own personal efforts as well as those of others. This course will stress fitness through muscular strength, cardiovascular exercise, flexibility, skill development, and lifetime fitness with individual and team activities. Daily participation is expected, as well as completion of homework, skill objectives, and written tests.

Advanced Physical Education

Prerequisite: Taken and Pass Health 9 & Physical Education

1 Semester 1.5 Credits

Course#: PE450

Students will learn how to keep his/her body fit and healthy, understand why physical education is an important facet in our lives, take responsibility for his/her safety and those around them, and practice good sportsmanship while taking pride in hard work. Students will also value their own personal efforts as well as those of others. This course will stress fitness through muscular strength, cardiovascular exercise, flexibility, skill development, and lifetime fitness with individual and team activities. Daily participation is expected, as well as completion of homework, skill objectives, and written tests. Students can take this course more than one semester.

SCIENCE AND ENGINEERING COURSES

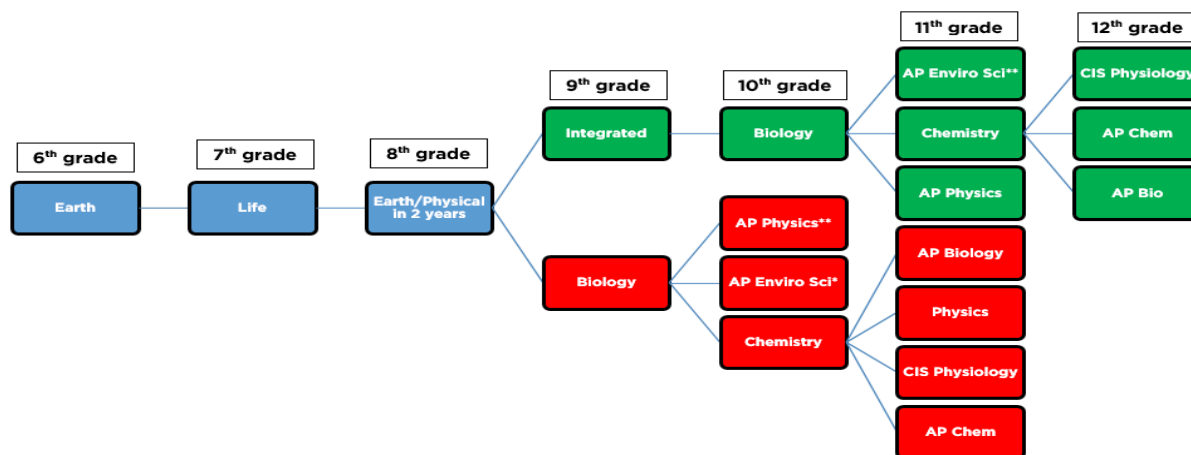
Science and Engineering Credit Graduation Requirement:

9 credits

The student must successfully obtain a credit in Biology.

Students must complete a chemistry, physics or Career and Technical Education (CTE) credit as part of the graduation requirement.

The CTE credit must meet the standards underlying the chemistry or physics credit. See your high school counselor for courses that meet the CTE requirement.



SCIENCE

Earth and Space Science **Weight 1.0**

Full Year 3 Credits
Course#: SC170

This course will provide an overview of the Earth's place in the universe, the systems that have shaped the Earth, and how the Earth's systems are impacted by human activity. Students will explore these concepts through planning and conducting investigations, analyzing data, and using models and representations to create scientific explanations. Specific topics include water properties; soil properties; stars, sun and the solar system; Earth's layers, materials and elements; weather and climate; and plate tectonics. Throughout the course, the students will apply critical thinking skills to explore the relationships between humans and the Earth's systems.

Earth and Space Science Honors **Weight 1.0**

Full Year 3 Credits
Course#: SC175

Description coming soon!!

Science Foundations **Weight 1.0**

Full Year 3 Credits
Course#: SC160

Science Foundation is an enormous and diverse field that explores the physical and chemical properties of the natural world. During this course students will explore a variety of concepts that will give you them strong foundation for understanding physics and the scientific process. The course will focus on: Nature and Practice of science, Laws of motion, matter, electricity, and energy. Ultimately students will gain a better appreciation for our place in the world and to realize how complex the universe truly is.

Biology **Weight: 1.0**

Full Year 3 Credits
Course#: SC250

This is an in depth biology course. Topics covered will include cell structure and function, genetics, evolution, and ecology. The course is lab intensive. Minnesota standards for biology will be covered in this course. In May all students that take biology will be required to take the MCA-III science test.

Prerequisites: 9th grade physical science.

Biology Honors

Weight 1.1

Full Year 3 Credits

Course#: SC260

This is an in depth biology course. Topics covered will include cell structure and function, genetics, evolution, and ecology. The course is lab intensive. Minnesota standards for biology will be covered in this course. In May all students that take biology will be required to take the MCA-III science test. The prerequisite for this class is 9th grade physical science. Honor's students will be asked to answer questions more in-depth than standard biology, do more homework and complete an independent project once a semester.

Prerequisites: 8th grade science

Applied Chemistry

Weight 1.0

Full Year 3 Credits

Course#: SC350

Description coming soon!!

Prerequisites: Successful completion of Science Foundation, Biology, and Basic Algebra.

Chemistry

Weight 1.0

Full Year 3 Credits

Course#: SC350

Students will learn the basic concepts of chemistry through a variety of labs. Topics include atomic theory, chemical bonding, balancing chemical equations, stoichiometry, acid-base reactions, red-ox reactions, thermo chemistry, quantum theory, and more. Minnesota standards for chemistry are covered in this course.

Chemistry Honors

Weight 1.1

Full Year 3 Credits

Course#: SC360

Students will learn the basic concepts of chemistry through a variety of labs. Topics include atomic theory, chemical bonding, balancing chemical equations, stoichiometry, acid-base reactions, red-ox reactions, thermo chemistry, quantum theory, and more. Minnesota standards for chemistry are covered in this course. This course covers all of the material in Chemistry but with additional topics and depth for the advanced student. Students need to have completed Algebra 1 and Geometry.

Physics

Weight 1.0

Full Year 3 Credits

Course#: SC450

This physics course is based on the Minnesota standards, designed to study the laws of motion, energy, electricity and magnetism, wave phenomena and optics. The course is designed as a college preparatory class with a strong conceptual base using a hands-on approach. Also emphasized in the class will be possible career opportunities related to science in general and physics in particular.

AP Biology

Weight 1.2

Full Year 3 Credits

Course#: SC575

AP Biology is an introductory college-level biology course. Students cultivate their understanding of biology through inquiry-based investigations as they explore the following topics: evolution, cellular processes — energy and communication, genetics, information.

Prerequisites: Biology and Chemistry

AP Physics 1

Weight 1.2

Full Year 3 Credits

Course#: SC535

Students explore principles of Newtonian mechanics (including rotational motion); work, energy, and power; mechanical waves and sound; and introductory, simple circuits. The course is based on six big ideas, which encompass core scientific principles, theories, and processes that cut across traditional boundaries and provide a broad way of thinking about the physical world.

Prerequisites: Geometry and either completion of or concurrent enrollment in HS Algebra 2

AP Chemistry

Weight 1.2

Full Year 3 Credits

Course#: SC585

AP Chemistry is an introductory college-level chemistry course. Students cultivate their understanding of chemistry through inquiry-based lab investigations as they explore the four Big Ideas: scale, proportion, and quantity; structure and properties of substances; transformations; and energy.

Prerequisites: Biology and Chemistry

AP Environmental Science

Weight 1.2

Full Year 3 Credits

Course#: SC580

Students cultivate their understanding of the interrelationships of the natural world through inquiry-based lab investigations and field work as they explore concepts like the four Big Ideas; energy transfer, interactions between earth systems, interactions between different species and the environment, and sustainability.

Prerequisites: Chemistry and either completion of or concurrent enrollment in HS Algebra 2I

CIS Human Physiology

Weight 1.2

Full Year 3 Credits

Course#: SC560

This life-science course is organized around the core principles of anatomy and physiology, such as homeostasis, information flow, causal mechanisms, structure and function relationships, and the levels of organization. Interrelatedness between body systems (cardiopulmonary, skeletal-muscular) will be used as a theme throughout the course.

SOCIAL STUDIES COURSES

Social Studies Credit Graduation Requirement:

12 credits

Courses required for graduation include:

World Geography/Ancient History or Pre-AP World Hist/Geo - 3.0 credits

World History or AP European History- 3.0 credit

U.S. History or AP US History - 3.0 credit

Government - 1.5 credit and Economics - 1.5 credit

SOCIAL STUDIES

U.S. History

Weight 1.0

Full Year 3 Credits

Course#: SS350

Students will examine U.S. history starting with the time of European colonization up to present day. The focus will be on understanding the historical and cultural history of the United States, in part by examining primary documents and conducting historical research. All Minnesota state social studies standards for U.S. history will be covered in this course.

AP U.S. History

Weight 1.2

Full Year 3 Credits

Course#: SS550

This course is an introductory college-level U.S. history course. Students cultivate their understanding of U.S. history from c. 1491 CE to the present through analyzing historical sources and learning to make connections and craft historical arguments as they explore concepts like American and national identity; work, exchange, and technology; geography and the environment; migration and settlement; politics and power; America in the world; American and regional culture; and social structures

World Geo/Ancient History
Weight 1.0

Full Year 3 Credits
Course#: SS155

Students will be introduced to World History beginning with the Neolithic Stone Age and ending around 1400CE. Students will examine cultures from every continent such as Greece, Rome, Mesopotamia, China, The Philippines, Australia, Egypt, Songhai, Mound Builders, Mayan, Inca, and Norte-Chico. Students will also be given a brief introduction to the major world religions. During this course, students will investigate history by utilizing a variety of methods, including primary sources, research projects, and in-class activities. Minnesota Social Studies standards (pre-history to approximately 1400 CE) for World History, Geography and Historical Skills standards will be covered in this course. All of which will prepare them for further study in the Sophomore World History Middle Ages to Present.

Pre-AP World Geo/Ancient History
Weight 1.1

Semester 3 Credits
Course#: SS190

The course explores the invisible structures and forces that shape and reflect the regions, communities, governments, economies, and cultures of humanity. These big ideas help students develop an organized and meaningful understanding of time and space. History and geography are inherently dynamic.

World History
Weight 1.0

Full Year 3 Credits
Course#: SS250

Students will study the history of the world beginning at approximately 500 C.E. The course will focus on civilizations, cultures, and countries from around the world beginning with the Middle Ages and ending with a comprehensive study of current global issues. Key world events and periods of history will be covered in-depth. Students will be encouraged to participate in class discussions, conduct research project(s), examine primary source documents, all while working on improving writing skills. Minnesota state standards for world history (after 500 C.E.) and historical skills are covered in this course.

AP European History
Weight 1.2

Full Year 3 Credits
Course#: SS280

This course is an introductory college-level European history course. Students cultivate their understanding of European history through analyzing historical sources and learning to make connections and craft historical arguments as they explore concepts like interaction of Europe and the world; economic and commercial developments; cultural and intellectual developments; states and other institutions of power; social organization and development; national and European identity; and technological and scientific innovation.

AP US History
Weight 1.2

Full Year 3 Credits
Course#: SS550

Advancement Placement United States History is a rigorous course whose requirements match that of a freshmen-level college course. It is a two-semester course that covers the age of exploration and colonialism to recent current events. It is necessary for students to devote significant time outside class to reading assignments, note-taking, and studying. The course places special emphasis on critical thinking, essay writing and interpreting both primary and secondary sources.

Economics**Weight 1.0****1 Semester 1.5 Credits****Course#: SS475**

Economics is the study of how people coordinate their wants and desires, given scarce resources and the decision-making mechanisms, social customs & political realities of their societies. Decisions made by consumers, workers, investors, managers and government officials interact to determine the allocation of scarce resources.

Government**Weight 1.0****1 Semester 1.5 Credits****Course#: SS465**

This course is an introduction to the basic concepts of American government, the American political process and the rights and responsibilities of citizenship. It is a one semester course offered primarily to senior students. Additionally, this course also serves to create more informed citizens who are prepared to experience the challenges and joys that come from being an actively involved citizen.

College Prep/Electives

College Prep/Elective Credit Graduation Requirement:

Credit Graduation Requirement:

College Prep/Elective courses fulfill the graduation requirement for the 12 elective credits a student needs.

COLLEGE PREP

College Prep High School

Weight: 1.0

Full Year 3 Credits

Course#: CP120

College Prep Class is designed to guide students in developing skills to care for their personal and social development, be college ready, and pursue their future career. The class provides each student with adult mentors to guide him/her through their school career and prepare them for the post-secondary experience.

WORLD LANGUAGE COURSES

World Language Credit Graduation Requirement:

World Language courses fulfill the graduation requirement for the 12 elective credits a student needs.

WORLD LANGUAGE

Chinese I

Weight: 1.0

Full Year 3 Credits

Course#: CH160

Chinese Level 1- This one-year Chinese language course is designed for beginners with an emphasis on developing minimum communicative competence (listening, speaking, reading, and writing skills) in Chinese. This course is the first year in a continuation of the two-year Chinese study. The main purpose of this class is to learn the basic vocabulary and sentence patterns as well as the major practices of Chinese cultures. Students will learn vocabulary and sentence structures for the use in some basic daily-life communication. They will be able to identify the sounds and tones of Mandarin in Pinyin system, to read and write in Simplified Chinese characters covered in the lessons, and to carry out some simple conversations on a range of topics. These topics include greetings, family, animals, dates and time, foods, jobs, locations, etc. Activities include conversational practices, role-plays, multimedia materials, games, songs, crafts, and foods etc. The major traditional Chinese cultures, festivals, and holidays will be also introduced in the class and conducted by completing presentation of themed projects either individually or in groups.

Chinese II

Weight: 1.0

Full Year 3 Credits

Course#: CH250

The program for Chinese Level 2 will be briefly continuing learning as similarly as Chinese Level 1. However, the topics will be more widely along with more language acknowledged featured of deeper vocabulary usages and reading comprehension.

Prerequisite: Successful completion of Chinese 1 or Teacher permission.

CIS Chinese

Weight: 1.1

Full Year 3 Credits

Course#: CH250

CHN 1015 is a course that teaches Chinese as a foreign language. It is the accelerated version of Beginning Modern Chinese I and II. This course introduces elementary Mandarin pronunciation, grammar, and orthography (in both Pinyin and characters). This course will develop listening, speaking, reading, and writing skills with an emphasis on promoting communicative competency in Chinese; it will also provide opportunities for using Mandarin Chinese in meaningful, real-life applications.

Prerequisite: Successful completion of Chinese 2 or Teacher permission.

Hmong Language I

Weight: 1.0

Full Year 3 Credits

Course#: HL150

Students will learn Hmong alphabets, vowels, single, double, triple, and quadruple consonants as well as basic Hmong grammar. Students will be introduced to beginning reading, listening, and writing, including Hmong culture through reading simple and short stories. Students will learn and write about their family genealogy and will view Hmong language movies and histories.

Hmong Language II

Weight: 1.0

Full Year 3 Credits

Course#: HL250

This course will be a continuation of Hmong Language I in addition to learning more detailed and practical information about Hmong culture. Students will continue to work on improving their Hmong language writing skills as demonstrated through essays, research, reports, and lessons.

Prerequisite: Successful completion of Hmong 1 or Teacher permission.

Hmong Language III Honors

Weight: 1.1

Full Year 3 Credits

Course#: HL350

The purpose of Hmong Language III (3) is to increase student awareness of the importance of Hmong and Hmong culture in the modern world. The students will become more confident of their ability to work with Hmong concepts and relationships. They will learn how to read, write, think, solve, and analyze advanced Hmong readings and writings. Students will become knowledgeable in understanding Hmong consonants, vowels, tone markers, culture, and historical facts. Successful completion of this course, students will acquire advanced knowledge of Hmong literacy, history, and culture to be successful in the community and higher education.

Prerequisite: Successful completion of Hmong II or Teacher permission.

SPECIAL EDUCATION

Functional English

Weight: 1.0

Full Year 3 Credits

Course#: SE240

The purpose of the course is to develop skills aligned with the Common Core State Standards for English Language Arts while emphasizing literacy application and generalization of functional skills which can be applied to real-life situations. The course uses a balanced approach to academic and functional literacy instruction to support students in developing skills in the following areas: vocabulary, comprehension, grammar, main idea, literal and inferential recall knowledge, analysis, application, figurative language, writing, and research. Skills are taught using grade-appropriate literature and informational texts. Daily assignments are directed toward achieving goals and supporting objectives identified on IEPs.

Functional Math

Weight 1.0

Full Year 3 Credits

Course#: SE240

The goal of this course is to improve functional math skills as identified in a student's IEP. skills. The scope is based on the present level of performance of the students; sequence is based on each student's Individualized Education Plan (IEP). Placement and articulation of goals are determined by the IEP team. Grading for this course will be Pass/Fail with specific alignment to how a student is making progress towards IEP goals related to math skills. This class replaces a general education Math class. The course will cover basic math computational skills that will teach and enhance a student's skills in using money, time, and measurement. Daily assignments are directed toward achieving goals identified on the IEP.

Applied Math

Weight 1.0

Full Year 3 Credits

Course#: SM265

The goal of this course is to improve applied mathematic skills as identified in a student's IEP. skills. The scope is based on the present level of performance of the students; sequence is based on each student's Individualized Education Plan (IEP). Placement and articulation of goals are determined by the IEP team. Grading for this course will be Pass/Fail with specific alignment to how a student is making progress towards IEP goals related to math skills. This class replaces a general education Math class. The course will teach and enhance a student's money management/budgeting skills and personal consumer skills. Daily assignments are directed toward achieving goals identified on the IEP.

Resources

Weight: 1.0

Full Year 3 Credits

Course#: SR110

The resource class is structured to provide direct instruction, based on individual education goals as specified in Individual Education Plans (IEPs). Time will be allowed for implementation and demonstration of acquired skills using curriculum from general education classes.

Work Based Learning

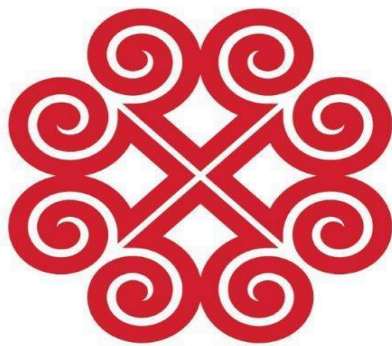
Weight: 1.0

Full Year 3 Credits

Course#: SR200

The work-based learning seminar provides students the opportunity to learn about a variety of topics related to appropriate work-related information about the employer and employer site, safety, work readiness skills, career exploration and guidance, and foundational knowledge and skills. After successfully completing the WBL seminar, students will be allowed to take part in a work experience internship. Grading for this course will be Pass/Fail with specific alignment to how a student is making progress towards IEP goals.

Hmong College Prep Academy Middle School



HCPA

Course Description

Fine Arts (Art/Music/Theatre)

Credit	Course #	Course Name	Prerequisites and Notes	Grades
1.5	AR600	Art 6	Credit 1.5 per semester.	6
1.5	MU375	Beginning Band	Credit 1.5 per semester.	6-8
1.5	MU460	Intermediate Band	Credit 1.5 per semester.	7-8
1.5	AR875	Middle School Art	Credit 1.5 per semester.	7-8
1.5	MU875	Middle School Choir	Credit 1.5 per semester.	6-8
1.5	MU825	Middle General Music	Credit 1.5 per semester.	6-8
1.5	TH125	Middle School Theatre	Credit 1.5 per semester.	6-8

English

Credit	Course #	Course Name	Prerequisites and Notes	Grades
3.0	EN600	English 6	Full year course. Credit 1.5 per semester.	6
3.0	EN700	English 7	Full year course. Credit 1.5 per semester.	7
3.0	EN800	English 8	Full year course. Credit 1.5 per semester.	8

Electives

Credit	Course #	Course Name	Prerequisites and Notes	Grades
1.5	SS725	Ancient Military History	Credit 1.5 per semester.	7-8
1.5	EN200	Creative Writing	Credit 1.5 per semester.	6-8
1.5	LS100	Leaders in Action	Credit 1.5 per semester.	7-8
1.5	CT875	Middle School Technology	Credit 1.5 per semester.	6-8
1.5	SH100	STEM Lab	Credit 1.5 per semester.	6-8

Health

Credit	Course #	Course Name	Prerequisites and Notes	Grades
1.5	PH700	Health 7	Credit 1.5 per semester.	7

Mathematics

Credit	Course #	Course Name	Prerequisites and Notes	Grades
3.0	MA600	Math 6	Full year course. Credit 1.5 per semester.	6
3.0	MA100	Pre-Algebra	Full year course. Credit 1.5 per semester	7
3.0	MA850	Math 8 Algebra	Full year course. Credit 1.5 per semester. HS Alg 1&2	8

3.0	MA850	MathEssentials	Credit 1.5 per semester.	
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Physical Education

Credit	Course #	Course Name	Prerequisites and Notes	Grades
1.5	PE600	Physical Education 6	Credit 1.5 per semester.	6
1.5	PE700	Physical Education 7	Credit 1.5 per semester.	7
1.5	PE800	Physical Education 8	Credit 1.5 per semester.	8
1.5	PE700	Middle School Physical Education	Credit 1.5 per semester.	7-8

Science

Credit	Course #	Course Name	Prerequisites and Notes	Grades
3.0	SC160	Earth Science 6	Full year course. Credit 1.5 per semester.	6
3.0	SC250	Life Science	Full year course. Credit 1.5 per semester.	7
3.0	SC260	Physical Science	Full year course. Credit 1.5 per semester.	8

Social Studies

Credit	Course #	Course Name	Prerequisites and Notes	Grades
3.0	SS600	Social Studies 6	Full year course. Credit 1.5 per semester.	6
3.0	SS700	Social Studies 7	Full year course. Credit 1.5 per semester.	7
3.0	SS800	Social Studies 8	Full year course. Credit 1.5 per semester.	8

World Languages

Credit	Course #	Course Name	Prerequisites and Notes	Grades
3.0	SS600	Hmong Language I	Full year course. Credit 1.5 per semester.	6-8
3.0	SS700	Hmong Language II	Full year course. Credit 1.5 per semester.	7-8
3.0	SS800	Chinese A	Full year course. Credit 1.5 per semester.	6-8
3.0	SS800	Chinese B	Full year course. Credit 1.5 per semester.	7-8

FINE ARTS

(Art/Music/Theatre)

Art 6 Grade 6

**1 Semester 1.5 Credits
Course#: AR600**

Students in this course will have fun creating many different projects that they can be proud of while learning valuable aspects of creative problem-solving and art. The course curriculum will focus on the application of basic elements and principles of design, and demonstrating an understanding and appreciation of self and others through art. Throughout the year, students will be given the chance to explore different mediums and techniques while creating two-dimensional and three-dimensional art products. This year-long class will focus on developing skills which include drawing, painting, sculpture, ceramics, printmaking, and collage.

Beginning Band Grade 6-8

**1 Semester 1.5 Credits
Course#: MU375**

Beginning Band is a class where students learn to play instruments. This class is geared towards first-year players. Each instrument (flute, oboe, bassoon, clarinet, bass clarinet, alto saxophone, tenor saxophone, baritone saxophone, trumpet, french horn, trombone, euphonium, tuba, and percussion) have a unique sound. When all the instruments play at the same time together, we call it band.

Intermediate Band Grade 7-8

**1 Semester 1.5 Credits
Course#: MU460**

Intermediate Band is a class where students learn to play instruments. This class is primarily geared towards 2nd and 3rd year players. Each instrument (flute, oboe, bassoon, clarinet, bass clarinet, alto saxophone, tenor saxophone, baritone saxophone, trumpet, french horn, trombone, euphonium, tuba, and percussion) have a unique sound. When all the instruments play at the same time together, we call it band. In Intermediate Band class, students will learn both technical and musical skills on their chosen instrument, at the intermediate level. Along with developing their musicality, students will also develop skills in self-discipline, accountability, expression, and teamwork.

Middle School Art Grade 7-8

**1 Semester 1.5 Credits
Course#: AR875**

This class is designed to build upon the skills and concepts learned in Art 6. Students in this course will have fun creating many different projects that they can be proud of while learning valuable aspects of creative problem-solving and art. The course curriculum will focus on the application of basic elements and principles of design, and demonstrating an understanding and appreciation of self and others through art. Throughout the year, students will be given the chance to explore different mediums and techniques while creating two-dimensional and three-dimensional art products. This year-long class will focus on

developing skills which include drawing, painting, sculpture, ceramics, printmaking, and collage. Art 6 is an encouraged pre-requisite, but not required.

Middle School Choir
Grade 6-8

1 Semester 1.5 Credits
Course#: MU875

Middle School Choir is open to all middle school students and is a full-year course. Choir is a performance based class where students learn to perform in a large group singing songs from a variety of styles in multi-parts. Students will learn the components of good vocal technique.

Middle School General Music
Grade 6-8

1 Semester 1.5 Credits
Course#: MU825

Are you interested in learning about music, but don't think band/choir is your vibe? Join General Music! In General Music, we will learn about the history of different genres of music, learn how to listen to music purposefully, and learn how to write music and create tracks and mixes on GarageBand. We will also play instruments like bucket drums, recorder, and ukulele, and study different movies to learn how music is used in film. If you love music, you'll love this class!

Middle School Theatre
Grade 6-8

1 Semester 1.5 Credits
Course #: SS170

This class will act as a basic introduction to performance and presence on stage. Working on speaking along and with others in a group, students will learn to focus on different aspects of theatre such as vocal projection, physical presence, and character development. They will gain self-confidence and learn teamwork through the variety of projects and games we play in the class.

ENGLISH

English 6 **Grade 6**

Full Year 3 Credits
Course #: EN600

This course provides a rigorous introduction to middle school language arts by emphasizing academic literacy skills and vocabulary. Students will read *The Birchbark House* by Louise Erdrich to build literacy skills as well as reinforce topics learned in social studies. Additionally, students read and interpret poetry and fiction and non-fiction texts that span several genres of literature. A special focus on learning vocabulary supports students' reading of multiple forms of literature. Students expand writing skills through informational and narrative writing tasks while also building academic grammar skills. Students will be expected to communicate about literature in small and large groups..

English 7 **Grade 7**

Full Year 3 Credits
Course #: EN700

ELA 7 provides students with exposure to a wide range of genres, including poetry, mythology, drama, informational text, short stories and books. Students read and interpret *The Giver* by Lois Lowry. Students frequently write and are expected to produce well-organized essays. Group work to discuss literature occurs frequently in this course.

English 8 **Grade 8**

Full Year 3 Credits
Course #: EN800

8th grade English students further develop literacy skills by reading, writing and communicating about a wide range of genres and authors. Students will read and perform Shakespeare and participate in literature circles while reading books about Native American themes. Writing and grammar practice are daily expectations. Students participate in creative and informational writing.

ELECTIVES

Ancient Military History **Grade 7-8**

1 Semester 1.5 Credits
Course #: SS725

In this course we will study many ancient civilizations that helped to shape our modern world. Our focus will be on the military aspects of these civilizations. However, we will also study language, culture, religion, architecture, government systems, and trade. We will analyze civilizations over a span of five-thousand years. The objective of this course is to deepen your knowledge and appreciation of the ancient world through a military lens.

Creative Writing **Grade 6-8**

1 Semester 1.5 Credits
Course #: EN200

In Creative Writing, we'll explore storytelling, both from our imaginations and the real world. We'll read and discuss examples of creative writing and study the ideas and tools we can use. We will write stories and pieces in a variety of both fiction and nonfiction genres. We will work to be a writing community that helps to encourage and inspire each other! Students will write fairy tales, mini graphic novels, scary stories, fantasy stories, mysteries, dramas, personal narratives, and more! self-confidence and learn teamwork through the variety of projects and games we play in the class.

Leaders in Action **Grade 7-8**

1 Semester 1.5 Credits
Course #: LS100

This course introduces students to Microsoft Office software, including Word (word processing application), Excel (spreadsheet application), PowerPoint (presentation application). This course will equip students with the basic knowledge to create academic and business worthy documents.

Middle School Technology **Grade 6-8**

1 Semester 1.5 Credits
Course #: CT875

This course introduces students to Microsoft Office software, including Word (word processing application), Excel (spreadsheet application), PowerPoint (presentation application). This course will equip students with the basic knowledge to create academic and business worthy documents.

Middle School Theatre **Grade 6-8**

1 Semester 1.5 Credits
Course #: TH125

This class will act as a basic introduction to performance and presence on stage. Working on speaking along and with others in a group, students will learn to focus on different aspects of theatre such as vocal projection, physical presence, and character development. They will gain self-confidence and learn teamwork through the variety of projects and games we play in the class.

HEALTH

Health 7

Grade 7

1 semester 1.5 Credits

Course #: PH700

The Health curriculum is designed to help individuals become sensitive, healthy persons who take an active role in protecting, maintaining and improving their health. It is designed to familiarize students with issues they will encounter during their middle school years and beyond. Units covered include: Health foundation, Fitness, Safety, Environmental Health, Body Systems, skills for life, Mental-Emotional Health.

MATHEMATICS

Math 6

Grade 6

Full Year 3 Credits

Course #: MA600

Math 6 covers all the 6th grade Minnesota state math standards. Topics include comparing, composing, and computation of positive rational numbers, ratios, unit rates, multiple representations of functional representations, equivalent expressions of numbers, representing and solving inequalities and equations, mastery of perimeter, area, and volume and surface area for prisms. Other topics include angle relationships in polygons, triangles and intersecting lines, estimating and calculating appropriate units of measurements, probability of events and possible outcomes. Application and technology enhances problems related to these topics will also be covered.

Pre-Algebra

Grade

Full Year 3 Credits

Course #: MA100

Pre-Algebra covers all the 7th grade Minnesota state math standards. Topics include mastering comparing and computation of positive and negative rational numbers, exploration of exponents and their use in calculating interest, identifying and creating multiple representations of proportional and algebraic relationships, exploring and finding circumference and area of circles and sectors. Additional topics include identifying similar figures and their scale factors, graphing and representing basic transformations on a coordinate grid, calculating and proportionally reasoning probabilities, interpreting data sets and representing data sets using histograms and pie charts. Application and technology enhanced problems related to these topics will also be covered.

Math 8 Algebra
Grade 8

Full Year 3 Credits
Course #: MA850

Math 8 Algebra covers all the 8th grade Minnesota state math standards. Topics include comparing, classifying and representing real numbers, identifying linear and nonlinear functions, modeling and solving linear equations and inequalities using multiple representations and translating between representations. Additional topics include generating equivalent numerical and algebraic expressions, identifying and applying properties of parallel and perpendicular lines, interpreting data represented on a scatter plot and finding a line of best fit, exploring and applying the Pythagorean theorem. Application and technology enhancing problems related to these topics will also be covered. Graphing calculators will be introduced and utilized throughout this course.

MathEssentials
Grade

1 semester 1.5 Credits
Course #: MA140

The Math Essentials course supports the development of foundational skills in math. Students will strengthen their understanding of basic math concepts such as the four basic operations (addition, subtraction, multiplication, division) through practice with whole numbers, fractions, decimals, and word problems. With their foundation strengthened, students should find greater success in their grade-level math course

PHYSICAL EDUCATION

Physical Education 6
Grade 6

1 semester 1.5 Credits
Course #: PH600

The Physical Education program provides the opportunity to participate in a comprehensive program consisting of: FITNESS TESTING, skill development, lead up games, team sports, and fitness activities. The students receive instruction in rules, skills, and strategies associated with the different sports as well as learning experiences involving physical conditioning activities. The program promotes ; cooperation, teamwork, fair play, leadership and good natured competition. Emphasis is placed on active participation and positive social interaction during fitness and sport activities.

Physical Education 7
Grade 7

1 semester 1.5 Credits
Course #: PH700

The Physical Education program provides the opportunity to participate in a comprehensive program consisting of : FITNESS TESTING , skill development, lead up games, team sports, and fitness activities . The students receive instruction in rules, skills, and strategies associated with the different sports as well as learning experiences involving physical conditioning activities. The program promotes ; cooperation, team work, fair play, leadership and good natured competition. Emphasis is placed on active participation and positive social interaction during fitness and sport activities.

Physical Education 8
Grade 8

1 semester 1.5 Credits
Course #: PH800

The Physical Education program provides each student with the opportunity to participate in a comprehensive program consisting of skill development, lead up games, team sports, and physical fitness activities. The students receive instruction in rules, skills, and strategies associated with the different sports as well as learning experiences involving physical conditioning activities. The program promotes cooperation, leadership, fair play, and friendly competition. Emphasis is placed on active participation and positive social interaction during fitness and sport activity.

Middle School Physical Education

Grade 7-8

1 semester 1.5 Credits

Course #: PH700

The Physical Education program provides each student with the opportunity to participate in a comprehensive program consisting of skill development, lead up games, team sports, and physical fitness activities. The students receive instruction in rules, skills, and strategies associated with the different sports as well as learning experiences involving physical conditioning activities. The program promotes cooperation, leadership, fair play, and friendly competition. Emphasis is placed on active participation and positive social interactions during fitness and sport activities.

SCIENCE

Earth Science 6
Grade 6

Full Year 3 Credits
Course#: SC650

Life Science
Grade 7

Full Year 3 Credits
Course#: SC700

In this class students will learn about the living world and how it works. They will observe different microscopic organisms to determine their various characteristics, learn about the different parts of the cell and how they function, examine the role that genes play in determining our characteristics, and study human body systems.

Physical Science
Grade 8

Full Year 3 Credits
Course#: SC155

SOCIAL STUDIES

Social Studies 6
Grade 6

Full Year 3 Credits
Course#: SS600

Grade six features history as the lead discipline but the focus includes geographic, economic and civic understandings. Students study Minnesota history and its government, placing the state and its people within the context of the national story. They engage in historical inquiry and study events, issues and individuals significant to Minnesota history, beginning with the early indigenous people of the upper Mississippi River region to the present day.

Social Studies 7
Grade 6

Full Year 3 Credits
Course#: SS700

Grade seven features history as the lead discipline with a strong secondary emphasis on citizenship and government. Students learn about people, issues and events of significance to this nation's history from 1800 to the current era of globalization. They examine the Declaration of Independence, the Constitution and the Bill of Rights, and Supreme Court decisions for their lasting impact on the American people, economy and governance structure. Students study civics and economic principles in depth, drawing connections between these disciplines and history to explain the impact of various policies on how people lived, worked and functioned in society.

Social Studies 8
Grade 6

Full Year 3 Credits
Course#: SS800

Grade eight Global Studies features geography as the “lead discipline” with a strong secondary emphasis on contemporary World History. Students in grade 8 explore the regions of the world using geographic information from print and electronic sources. They analyze important trends in the modern world such as demographic change, shifting trade patterns, and intensified cultural interactions due to globalization. Students participate in civic discussion on contemporary issues, conduct historical inquiry, and study events over the last half century that have shaped the contemporary world

WORLD LANGUAGES

Chinese A
Grade 6-8

Full Year 3 Credits
Course#: CH101

Chinese A is a beginning-level Chinese class for students who have had very little or no exposure to Chinese language learning. Topics covered in this class include: greetings, name, numbers, age, nationality, school, and family. Students will speak Chinese to interact with peers and learn the basics of reading and writing Chinese characters.

Chinese B
Grade 7-8

Full Year 3 Credits
Course#: CH102

Chinese B is a class for students who have had some formal instruction in Chinese. Prerequisite for this class is completion of Chinese A or equivalent with instructor consent. Chinese B will extend upon the foundation build in Chinese B and cover topics including: clothing, human body, food, animals, sports and hobbies, and more. Students will continue to build reading and writing skills in Chinese characters and pinyin with greater accuracy. Students will speak Chinese to interact with peers.

Prerequisite: Successful completion of Chinese A or Teacher permission.

Hmong Language I
Grade 6-8

Full Year 3 Credits
Course#: HL150

Students will learn Hmong alphabets, vowels, single, double, triple, and quadruple consonants as well as basic Hmong grammar. Students will be introduced to beginning reading, listening, and writing, including Hmong culture through reading simple and short stories. Students will learn and write about their family genealogy and will view Hmong language movies and histories.

Hmong Language II
Grade 7-8

Full Year 3 Credits
Course#: HL250

This course will be a continuation of Hmong Language I in addition to learning more detailed and practical information about Hmong culture. Students will continue to work on improving their Hmong language writing skills as demonstrated through essays, research, reports, and lessons. Prerequisite: Successful completion of Hmong Language 1 or teacher permission.

Prerequisite: Successful completion of Hmong 1 or Teacher permission.