

**LET YOUR
CURIOSITY
LEAD**



Hill-Murray School
The Catholic Benedictine Prep School

2026–2027

**High School
Curriculum Guide**



**FULFILL YOUR PROMISE.
SERVE OTHERS.
TRANSFORM THE WORLD.**

We are an educational leader in the Twin Cities—an independent, Catholic, forward-looking school rooted in strong values. We provide academic, physical, social, emotional, and spiritual support to every student. We focus on personalized learning that empowers students to embrace their journey and make a positive difference in the world. Our faculty are dedicated to addressing the strengths and challenges of each student by creating a space where compassion, service, and excellence are the priorities.

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WELCOME TO HIGH SCHOOL



When you step into Hill-Murray for your Middle and High School years, you join a vibrant legacy of PIONEERS, students who dared to dream boldly, explore deeply, and shape their own paths during their time on campus. Here, you are not just attending school; you are entering a community where your gifts will be recognized, your curiosity will be celebrated, and your potential will be ignited.

At Hill-Murray, each day invites you to think with purpose, create with passion, serve with compassion, and grow with faith. You will be surrounded by individuals who challenge you to rise to your best and, even more importantly, walk beside you with encouragement and support. This guide reflects academic opportunities designed not only to meet graduation requirements but to open doors to new experiences and new possibilities for your future.

Hill-Murray is far more than a typical school experience. It is a place where we believe deeply in the potential of every student, where learning is joyful, and where discovery knows no bounds. Our community is large enough to offer extraordinary opportunities, yet small enough that your voice matters, your presence is felt, and your passions can flourish.

Here, you can be a varsity athlete and lift your voice in music ministry. You can engineer robots and shine on stage in a musical. You can shape clay in a studio and shape arguments in mock trial. You can give freely in service-learning and dive courageously into machine learning. At Hill-Murray, you are encouraged to explore widely, embrace new challenges, and allow every interest to guide you toward becoming the person you are meant to be.

As you read through this curriculum guide, I challenge you to be bold. Be curious. Be open to the unexpected. Take full advantage of the courses and countless opportunities in athletics, the arts, activities, clubs, campus ministry, and service.

At Hill-Murray, we invite you to embark on a journey defined by purpose, possibility, and faith. Step forward with the heart of a PIONEER and discover all that awaits you.

Melissa Dan, Ed.S. President

— PORTRAIT OF A HILL-MURRAY GRADUATE —

Every Hill-Murray student will be an

**INQUISITIVE,
RESILIENT, AND
COMPASSIONATE**

leader grounded in the teachings of Christ.

IDENTITY

Hill-Murray is an independent, Catholic, co-educational, college, and life-preparatory school serving students in grades 6–12. Rooted in our Benedictine and Lasallian traditions, we embrace the journey of each student and are committed to the growth and well-being of each member of our community.

MISSION

Hill-Murray empowers students to reach their fullest potential by inspiring them to utilize their God-given strengths to become leaders who will make a positive difference in the world.

VISION

Hill-Murray will become the preeminent school that partners with families to develop transformational leaders grounded in the teachings of Christ.



VALUES



CATHOLIC FAITH

As a Catholic school community, we meet students where they are and support them as they learn and grow in their faith journey.



COMMUNITY OF BELONGING

We believe our Benedictine and Lasallian traditions influence everything we do. We take care of each other. Every individual will be known, loved, and respected and in turn, has the responsibility to know, love, and respect others.



MIND-BODY-SPIRIT

The intellectual, emotional, social, spiritual, and physical wellness of each of our students is a top priority. Supporting our students in finding balance in their lives is rooted in our Benedictine tradition and will pay dividends throughout their lives.



ETHICAL LEADERSHIP

We believe students are transformed by service to others and each will find their own way to provide ethical leadership within their sphere of influence. We believe every student will graduate as a confident, ethical, and humble servant leader inspired to lead and serve.



GLOBAL STEWARDSHIP

We believe that educating the next generation of global stewards, problem solvers, and faith-based change makers is critical to Hill-Murray's success and will provide the kind of leaders our world needs.

FIND YOUR CALLING

This High School Curriculum Guide is designed to aid you in planning your course selections at Hill-Murray. This guide is a catalog of all the courses to be offered for the 2026-2027 school year.

Listed by department, you will find a brief description of each course including the prerequisites, fees (if any) and other pertinent information you might need. You will find information about the requirements for graduation and other general information that will help you get the most out of your high school years.

Hill-Murray understands each student has an individual path. To better support our students on their path, we utilize Naviance, a comprehensive program that helps assist students and parents throughout the high school years and beyond. Unique readiness content and activities help to build knowledge and strengthen students' competencies in all essential areas. We encourage families to fully utilize the functionalities within Naviance in order to assist in their child's academic, post-secondary/career, and personal-social development.

CURRICULUM & REGISTRATION POLICY

The Hill-Murray High School curriculum helps students develop critical thinking skills, creative problem-solving skills, and a lifetime love of learning. We offer a wide variety of courses including College In the Schools (CIS), Advanced Placement (AP) and Honors classes. When our students graduate, they are prepared to use their talents to make significant contributions to our world.

Requests for course changes for the upcoming academic year should be made prior to the last day of school. After July 31, first semester course registration change requests will no longer be considered. Requests for specific teachers, a change in teachers or hours, will not be honored.

COLLEGE PREPARATION

The Guidance Department's sequential college planning curriculum is designed to work directly with Hill-Murray students and their parents to explore careers and colleges, assist in resume writing, and help navigate the entire college application and financial aid process from start to finish. This includes: helping with college searches, visits, applications, personal statements, essays, scholarship searches, understanding the financial aid process, and appealing financial aid awards. There are daytime workshops and evening meetings to assist students and parents in the post-secondary planning process.

FOUR-YEAR COLLEGE

Four-year college admission decisions are based primarily on a student's high school record. In evaluating a student's high school record, colleges look at GPA, ACT/SAT test results, courses taken and participation in co-curricular and community activities. There is no "one best college" for each student. There are many excellent colleges (more than 4,000 nationwide) that could be a good "fit" for each student.

The courses a Hill-Murray student should take will depend on the individual student, the type of post-secondary school a student plans to attend and the intended area of study. Students who are looking at specific four-year schools should consult with those schools to check on admission standards. As a general rule, four-year colleges require:

(4) Years of English, (3) Years of Math, (3) Years of Science, (3) Years of Social Studies, (2) Years of a World Language.

Please know that admission requirements may vary by college and/or program. For example, the University of Minnesota - Twin Cities requires four years of Math.

COMMUNITY, TECHNICAL & PRIVATE CAREER COLLEGES

In general, a well-rounded education is the best preparation for admission into Community, Technical and Private Career schools. In high school, courses in the fields of Technology Education, Business, and Fine Arts provide students with exposure to possible career choices and can help prepare a student for later study in one of these areas. These courses can also lead to a variety of careers.

ACADEMIC REQUIREMENTS TO GRADUATE

Forty-eight semester credits and four service credits (two service experiences equals one credit) are required to earn a Hill-Murray high school diploma as listed in the chart below. The worksheet at the right can be used to help plan your student's course selections.

Required courses for each year are already listed; fill in your elective choices in the open spaces. All students must take a minimum of six credits each semester.

GRADE 9 SCHEDULE		
HR	1ST SEMESTER	2ND SEMESTER
1	Theology 9	Theology 9
2	Intro Lit/Comp	Intro Lit/Comp
3	Mathematics	Mathematics
4	Earth Science	Earth Science
5	Health	Phy Ed 9
6		
7		
8	Pioneer Period	Pioneer Period
ONE SERVICE CREDIT - Full Year Two Service experiences equals one credit		

GRADE 10 SCHEDULE		
HR	1ST SEMESTER	2ND SEMESTER
1	Theology 10	Theology 10
2	World Lit/Comp	World Lit/Comp
3	Mathematics	Mathematics
4	Biology	Biology
5	World History	World History
6		
7		
8	Pioneer Period	Pioneer Period
ONE SERVICE CREDIT - Full Year Two Service experiences equals one credit		

GRADE 11 SCHEDULE		
HR	1ST SEMESTER	2ND SEMESTER
1	Theology Choice	Theology Choice
2	English 11	English 11
3	U.S. History	U.S. History
4	Science or Technology	Science or Technology
5	Mathematics	Mathematics
6		
7		
8	Pioneer Period	Pioneer Period
ONE SERVICE CREDIT - Full Year Two Service experiences equals one credit		

GRADE 12 SCHEDULE		
HR	1ST SEMESTER	2ND SEMESTER
1	Theology Choice	Theology Choice
2	English 12	English 12
3	Government	Economics
4		
5		
6		
7		
8	Pioneer Period	Pioneer Period
ONE SERVICE CREDIT - Full Year Two Service experiences equals one credit		

COUNSELING & SUPPORT SERVICES

An effective Counseling Department recognizes individual growth and that learning takes place in all aspects of one's life: intellectual, social, emotional, spiritual, and physical. Supporting this growth and development is essential in helping students make healthy and beneficial decisions.

Academic and life goals, as well as post-secondary planning, are also critical. The Hill-Murray Counseling Department is staffed by Licensed School Counselors, College Counselors, and a Clinical Psychologist.

HIGH SCHOOL COUNSELORS

Mr. Charlie Cicalello (A-C)
ccicalello@hill-murray.org | 651-748-2426

Ms. Amy Cosgrove (D-J)
acosgrove@hill-murray.org | 651-748-2259

Mrs. Jenny Vinck (K-Q)
jvinck@hill-murray.org | 651-748-2441

Mr. Aaron Goulet (R-Z)
agoulet@hill-murray.org | 651-748-2493

COLLEGE COUNSELORS

Mr. Eric Carlucci, Director of College Counseling
ecarlucci@hill-murray.org | 651-748-2238

Mr. Charlie Cicalello, Curriculum & Development
ccicalello@hill-murray.org | 651-748-2426

PIONEER INSTITUTE FOR HEALTH & WELLNESS

Katie Francis, Director
kfrancis@hill-murray.org | 651-777-1376

CLINICAL PSYCHOLOGIST*

Dr. Julie Robinson
jrobinson@hill-murray.org | 651-748-2414

**For student referrals, please start with the student's School Counselor.*

Counseling services include academic, personal-social development, as well as post-secondary planning. Services available to all students: personal counseling, post-secondary planning, mental health education, monitoring of academic progress.

HILL-MURRAY SCHOOL GRADING SYSTEM	Grade	College Prep	Honors/AP/ CIS/PACC
	A	4.00	4.50
	A-	3.67	4.17
	B+	3.33	3.83
	B	3.00	3.50
	B-	2.67	3.17
	C+	2.33	2.83
	C	2.00	2.50
	C-	1.67	2.17
	D+	1.33	1.83
D	1.00	1.50	
D-	0.67	1.17	

ACADEMIC REQUIREMENTS TO GRADUATE	Forty-eight (48) semester credits are required for a Hill-Murray high school diploma, which include the following semester credits:	
	English	8 credits
	Science	6 credits
	Fine Arts	1 credit
	Social Studies	6 credits
	Health	1 credit
	Theology	8 credits
	Mathematics	6 credits
	Physical Education	1 credit
	Service Hour Requirement	4 credits
Electives	11 credits	

SIGNATURE PROGRAMS

Through our Signature Programs, Hill-Murray students gain the knowledge, character, and confidence to succeed in college, career, and life. Rooted in faith, these experiences inspire curiosity, resilience, and compassion – preparing students to lead with purpose in all they do. The Scholars program is available for students that are pursuing life experiences that they would not be able to obtain through a traditional Hill-Murray graduation track.

PIONEER INSTITUTE FOR HEALTH AND WELLNESS

The Pioneer Institute for Health and Wellness (PIHW) is an initiative exclusive to the Hill-Murray Community. Programming and support are provided to students through various modes designed to strengthen and challenge their physical, spiritual, social and emotional growth journey. Students will learn the skills, mindsets and beliefs that will endure over time.

By participating in the PIHW, students learn essential life skills that help them navigate personal and social challenges effectively. We focus on cultivating emotional intelligence, interpersonal skills, stress management, self-awareness and self regulation in the context of a faith based education. Components of the PIHW include curriculum in the Pioneer Pathway courses, special speakers and presentations in grade level sessions during WIN, opportunities to engage in innovative PE elective offerings, tools that support the development of executive function along with opportunities to participate in stress management activities.

ROOTED PHILANTHROPIC LEADERSHIP INSTITUTE

Through a generous \$3.75 million gift from Rooted Philanthropic, Hill-Murray is proud to introduce the Rooted Philanthropic Leadership Institute (RPLI). The mission of RPLI is to expand access to comprehensive leadership education for all Hill-Murray students while being firmly rooted in our Catholic identity and Pioneer spirit. RPLI is led by Denise Bates, the architect of our nationally recognized Future Leader Program, which was named “2024 Program of the Year” by MINNDEPENDENT. By inspiring a passion for leadership, RPLI empowers our students through bold ideas, transformative experiences, and inclusive communities.

INSTITUTE FOR BENEDICTINE SPIRITUALITY

The Institute for Benedictine Spirituality, located at Hill-Murray, works in close relationship with the Benedictine Retreat Center at St. Paul's Monastery to create rich opportunities for spiritual renewal and formation. More than a program, the Institute for Benedictine Spirituality is a “sanctuary for the soul.” Hill-Murray students, families, and staff are invited to deepen their faith, nurture their spirits, and live out the Benedictine values of prayer, hospitality, service, and community.

ACADEMIC PATHWAYS

Our Pathways offer students the chance to dive deeper into areas of passion and curiosity through innovative, hands-on learning experiences that complement our rigorous college preparatory curriculum.



ENTREPRENEURSHIP AND BUSINESS

Certificate Earned

This dynamic program opens doors to career exploration, marketing, entrepreneurship, finance, accounting, and global business.

See full course offerings on page 16.



INNOVATION AND DESIGN

Certificate Earned

A robust STEM curriculum of hands-on experiences in engineering, 3D printing, fabrication, computational thinking, and programming.

See full course offerings on page 20.



HEALTH AND MEDICAL SCIENCES

Certificate Earned

Designed for students who are passionate about science, healthcare, and making a difference in the lives of others.

See full course offerings on page 28.



SCHOLARS PATHWAY

Pursuing dreams beyond the classroom

A unique opportunity for students to participate in “once in a lifetime” opportunities to pursue a dream while keeping up with academics. To be selected for the Scholars program, students must be able to develop a plan that is approved by the Student Assistance Team (S.A.T.) to meet graduation standards listed on page 6.

To learn more, contact Hill-Murray School Counselor.

ALTERNATIVE CREDIT OPTIONS

SCHOLARS PROGRAM

The Scholars program is available for students that are pursuing life experiences that they would not be able to obtain through a traditional Hill-Murray graduation track. To be selected for the Scholars program, students must be able to develop a plan that is approved by the Student Assistance Team (S.A.T.) to meet graduation standards listed on page 6. Families interested in this program must contact their assigned School Counselor.

INTERNATIONAL STUDENTS

At Hill-Murray, we welcome international students with a focused desire to learn and a passion to experience another culture. While international students face a rigorous academic schedule, we also encourage participation in co-curricular activities such as sports, music and the arts. International students can take a religion course of their choice for their junior or senior year: World Religions or Spiritual Awakening. To be accepted at Hill-Murray, students must also possess an academic record of C average or higher.

GLOBAL ONLINE ACADEMY

If you are interested in diversifying your academic interests and experiences, enrolling in a Global Online Academy (GOA) course might be a great opportunity for you! Briefly, GOA is a consortium of independent schools around the world who provide their students with rigorous and unique online courses that allow the students to collaborate with other students and teachers. Past courses taken by Hill-Murray students are Abnormal Psychology, Investing I & II, Medical Problem Solving, and Multivariable Calculus. There are dozens of other unique and specialized offerings that are either semester or year-long. By taking courses, students can complete GOA Learning Pathways and earn a Global Learning Certificate. Interested students should see the Guidance & Counseling Office. Students receive full credit and the courses appear on the Hill-Murray transcript. GOA courses will have an additional fee requirement.

MICROCREDITS

Credits vary depending on course outcomes. Microcredits are intended to highlight unique experiences that students participate in as part of a unique Hill-Murray experience. Students will be made aware of these opportunities as they become available. Students who complete course outcomes will have the course appear on their transcript. These opportunities will be offered by the Hill-Murray faculty.

HILL-MURRAY ACCEPTED ONLINE COURSES

To provide options for students in their learning, Hill-Murray may allow online credits to count for elective credits towards graduation from accredited classes. Exceptions may be allowed to this policy for required classes through the Student Assistance Team. The exception procedure begins by contacting your School Counselor and explaining your need. Examples of situations where exceptions will be granted include: medical conditions, students seeking to overload their schedule to make space for credit recovery in a required class, student has outgrown our math options, student transferring into Hill-Murray without all credit needed for graduation or other. On-line providers we accept include: K-12 Mizzou, Online-Northern Star, Online Wisconsin Virtual School, and Brigham Young University Catholic Virtual.

CATHOLIC VIRTUAL

Hill-Murray students have the opportunity to expand their learning through Catholic Virtual, an accredited online learning platform that offers a wide range of high-quality courses grounded in Catholic values. This option allows students to explore subjects not available in the traditional schedule, pursue advanced coursework, or enjoy greater flexibility in their academic plan. If you are interested in taking an online course through Catholic Virtual, please speak with your School Counselor to learn more about available offerings and enrollment procedures.

SUMMER INDEPENDENT STUDY

Hill-Murray offers independent study classes. Please see your School Counselor for more information.

CREDIT RECOVERY

If a student fails a class, a contract for credit recovery will be established with the teacher and a plan will be created to make up the credit. There is a cost for credit recovery per semester. Summer counts as a semester.

COLLEGE CREDIT OPTIONS

POST-SECONDARY ENROLLMENT OPTIONS (PSEO)

PSEO is a state program for grades 11–12 that allows students to enroll in non-sectarian courses at eligible colleges and universities for high school credit. Students must meet the requirements of the post-secondary institution, as determined by the college or university. Students considering this option are expected to be responsible, motivated, and independent learners. Hill-Murray will accept post-secondary credits for graduation under the following criteria:

- Students looking to participate in the PSEO program must inform their H-M School Counselor of their intent to participate by March 30 (prior to the school year in which you wish to enroll in the PSEO program). Their H-M School Counselor will assist in the enrollment process.
- Only elective courses not offered at H-M are acceptable for graduation credit.
- Students may earn a maximum of one PSEO credit per semester.
- All PSEO courses must be taken for a letter grade and reported on the H-M transcript. Grades will be calculated into the GPA.
- Students must be scheduled for one study hall per semester, when participating in PSEO.

Schedule changes to accommodate participation in PSEO will be made only as the Master Schedule permits.

COLLEGE IN THE SCHOOLS (CIS)

CIS offerings provide students courses of study at Hill-Murray that can concurrently allow them to receive college credit through the University of Minnesota.

PACC

Saint Mary's PACC program partners with Hill-Murray in order to bring Saint Mary's undergraduate-level courses into our classrooms. Participating students can expect the same workload, learning activities, projects, and exams as the courses taught to first-year students at Saint Mary's.

SENIOR TO SOPHOMORE

This program connects high-achieving Hill-Murray students with key resources on the St. Cloud State University campus while allowing them to remain in high school. Hill-Murray students get a chance to accelerate their learning and prepare their future.

ARTICULATED CREDIT THROUGH CENTURY COLLEGE

- Accounting and Personal Finance
- Entrepreneurship/DECA
- Ethics and Leadership
- Sales and Marketing

Students earning a B or better have the option to receive Articulated Credits through Century College. Meet with your School Counselor if you are interested

ADVANCED PLACEMENT (AP) COURSES

AP offerings provide students courses of study that can help them to receive college credit by taking an "AP" test when they complete the course.

Additional fees apply to students taking classes through the U of M, Saint Mary's University or St. Cloud State University.

HM PIONEER SUMMER

Pioneer Summer offers a variety of experiences in three main categories:

ACADEMIC: Credit and enrichment classroom experiences – contact your School Counselor for recommendations

ARTS & ACTIVITIES: Fine arts and experiential learning

ATHLETICS: Sport development camps

These summer classes are designed to help you explore, try something new, meet friends, and have FUN!
Information coming soon for Pioneer Summer 2026.



A CURRICULUM DESIGNED TO AWAKEN CURIOSITY

The Hill-Murray curriculum will engage your mind, express your creativity, and expand your knowledge of God and the world around you by exploring the rich history of human thought and endeavor.

HILL-MURRAY ACADEMICS

Our academic curriculum is designed to reward your passion and develop your capacity for critical thinking and creative problem-solving to pave the way for a lifetime of learning and leadership.

HIGH SCHOOL

The High School is a place where students discover, develop, and refine their interests in remarkable ways. Here you will think, create, and contribute every day in a community with people who will challenge you and, more importantly, support you.

At the core of our High School is a commitment to discovering

each learner's potential. You will find students engaging in discussion and debate; you will see students and teachers working one-on-one between classes to further their learning; and you will sense a community in which each student's educational journey happens in partnership with teachers and peers.

Students do not have to choose just one specific passion to pursue: they can be a varsity athlete and in a musical; they can be on the robotics team and direct a school play; they can be a sculptor and in the finance club; they can participate in service-learning and design-thinking. We encourage learners to try as much as possible and to take full advantage of the vast opportunities at Hill-Murray.

THE NICHOLAS CENTER

Through the Nicholas Center, Hill-Murray can meet the needs of neurodiverse students where they are in their educational journey. The Nicholas Center can provide coursework that provides enriching interventions for students to meet their goals. The prescriptive coursework is based on the student's individual cognitive needs and has built-in assessments to measure growth. Currently, The Nicholas Center provides classes to support students who may have a diagnosed emotional or learning difference in multiple areas.

To learn more about The Nicholas Center and how the program may work with your son or daughter, contact:

Brent Johnson,
**Vice President of Operations &
The Nicholas Center**
bgjohnson@hill-murray.org

Sara Johnson,
Director of Literacy
sjohnson@hill-murray.org

Molly Schauff,
Educational Support Specialist
mschauff@hill-murray.org



READING SUPPORT

The Nicholas Center offers a transformative approach to literacy to assist students who are reading below grade level or who have a language-based learning difference. Designed to empower learners, our program uses evidence-based strategies and personalized instruction to build reading, writing, and comprehension skills.



MATH SUPPORT

In The Nicholas Center we meet students at their current skill level and guide their progress with tailored instruction. Our program integrates whole group lessons with small group, targeted instruction, as well as adaptive learning technology ensuring every learner gets the support and challenge they need to thrive.



EXECUTIVE FUNCTIONING SUPPORT

Through our executive functioning classes and individualized academic coaching/tutoring, students gain skills in organization, time management, study habits, prioritization, and self-advocacy while being provided academic guidance and support.

STUDY SKILLS

COLLEGE READING AND STUDY SKILLS 11-12

*Full Year, 1 Credit each semester – 2 Credits total
Required approval of TNC*

Students can earn dual credit with St. Cloud State (2 credits) for successful completion of this class. Students will learn college level application of problem solving strategies, study strategies, note taking and test taking to enhance individual learning experiences and to prepare for examinations in college coursework. *A tuition fee will be charged for University credits.*

STRATEGIC STUDY LAB 9-10 / ACADEMIC COACH

*Full Year, 1 Credit each semester – 2 Credits total
Required approval of TNC*

Students will be assigned to this class based on academic needs with required approval from TNC staff. Strategic Study Lab (SSL) is a structured support class designed to provide students with individualized instruction and support in various areas of executive functioning skills (planning, organization, study strategies) as well as providing structured academic support with reading comprehension, writing, and work completion. This targeted approach aims to create a comprehensive support environment that goes beyond a typical study hall.

STRATEGIC STUDY LAB 11-12 / ACADEMIC COACH

*Full Year, 1 Credit each semester – 2 Credits total
Required approval of TNC*

This is more than just a study hall! This strategic study lab will be staffed with people who are there to help students learn in the way that's best for them. Using learning specialists, as well as current content teachers, this course will support the development of organizational skills, study skills, reading for content strategies, writing, math and science support. Students will be assigned to this class based on their academic needs.

CAREER EXPLORATION

CAREER EXPLORATION INDEPENDENT STUDY 11-12

*Full Year or Semester, 1 Credit each semester – 2 Credits total
Prerequisite: 0780 Career Planning 111
Required approval of TNC*

Students looking to explore career pathways that are not represented in the Hill-Murray curriculum can apply for an independent study career exploration. Students interested in this class will be required to journal daily, establish a resume and hold biweekly meetings with the Director of the Nicholas Center. To be considered for this opportunity, students will need to set a meeting with their guardians and the Director of the Nicholas Center.

READING

HIGH SCHOOL READING SUPPORT 1

*Full Year, 1 Credit each semester - 2 Credits total
Required placement by TNC Staff*

Designed to strengthen students' overall literacy skills, this class focuses on the essential mechanics of reading to build a strong foundation for future success. Key areas of focus include word study, grammar, and comprehension. The course utilizes an engaging online program, paired with direct instruction, to support skill development. Additionally, there is a strong emphasis on writing and oral reading, ensuring students get daily practice in both areas.

HIGH SCHOOL READING SUPPORT 2

*Full Year, 1 Credit each semester - 2 Credits total;
Required placement by TNC Staff*

Reading Support 2 builds on the foundational skills learned in Reading Support 1, helping students apply these skills to real-world contexts through project-based learning. This class provides opportunities for students to practice and strengthen their abilities in reading, writing, and comprehension through engaging experiences. Oral reading will be practiced daily to reinforce fluency and build confidence in speaking.

WILSON READING SYSTEM® 9-12

*Full Year, 1 Credit each semester - 2 Credits total
Required approval of TNC*

Students whose basic reading and spelling skills are significantly below their academic potential may request remediation with the Wilson Reading System®. This system consists of 12 steps of direct, systematic, code-based, interactive, multi-sensory instruction. For students of all ages and ability levels, it provides the skills necessary to decode (read) words accurately and fluently and to encode (spell) as they learn to read accurately and more efficiently.

1-ON-1 READING INTERVENTION 9-12

*Full Year, 1 Credit each semester - 2 Credits total
Required approval of TNC*

Students utilizing this intervention will work to improve their literacy skills through an intensive, tutor-led, structured literacy curriculum. Our tutors are trained and certified in one or more of the five intervention systems used at The Nicholas Center and placement is determined by the Director of Literacy. These systems consist of direct, explicit, systematic, sequential, multi-sensory instruction.

MATH

INDIVIDUALIZED MATH 9-12

*Full Year, 1 Credit each semester - 2 Credits total
Required approval of TNC.*

This hybrid class utilizes a computer program to create personalized math pathways, helping students strengthen their Algebra and Geometry skills for a solid foundation. Students within this class will trade off between direct instruction and computer-based instruction to provide them with an experience that enriches their individual needs.



ART & DIGITAL STUDIO

0804 DRAWING & PAINTING

Studio Art 1, offered in 2026–2027

1 Semester, 1 Credit total, Elective 9–12

This course provides an experience with drawing and painting using unconventional and conventional tools and materials. Wood, sanders, chisels, pencils, charcoal, ink pens & acrylic paint on stretched canvas will all facilitate easy-to-learn classical approaches to drawing and painting. Emphasis will be placed upon learning the art elements and the principles of design in order to understand how images communicate and how artists express themselves. This will provide a strong foundation for the other studio art courses offered, as well as, an appreciation for art from a variety of cultures. Students participate in critiquing art and giving feedback to their peers. This course is offered on odd graduation years.

0816 SCULPTURE & ILLUSTRATION

Studio Art 1, offered in 2027–2028

1 Semester, 1 Credit total, Elective 9–12

This course offers a variety of easy-to-learn techniques for ink drawing, printmaking, collage, and sculpture will be the major experiences of this art class. Emphasis will be placed upon learning the art elements and the principles of design so that any image or art object's subtle meanings can be revealed. Sculpture projects will work with wire, paper, wood, and found objects. This class provides a strong foundation for the other studio art courses offered, as well as an appreciation for art from a variety of cultures. Students will participate in critiquing art and giving feedback to their peers. This course is offered on even graduation years.

0803 CERAMICS 1

1 Semester, 1 Credit total, Elective 9–12

This course introduces students to the dynamic world of ceramics and three-dimensional design. Students will learn hand-building techniques and the fundamentals of wheel throwing, while exploring both the technical and decorative aspects of working with clay. Emphasis will be placed on glazing, surface design, and creative problem-solving as students create pieces that are functional, sculptural, and imaginative. Through this process, students will develop their craftsmanship, creativity, and artistic voice.

0806 CERAMICS 2

1 Semester, 1 Credit total, Elective 10–12

Prerequisite: students must have completed Ceramics I.

This advanced studio course builds on the skills and knowledge developed in Ceramics 1. Students will complete complex projects using hand-building and wheel-throwing techniques,

ART & DIGITAL STUDIO PATHWAYS

ART STUDIO	Sculpture & Illustration <i>Offered 2027–2028</i>	Ceramics 1
	Drawing & Painting	Ceramics 2
	Studio Art 2	Ceramics 3
	Studio Art 3	
DIGITAL STUDIO	Photography 1	Photography 2
	Computer Graphics 1	Computer Graphics 2
	Computer Graphics 3	

along with advanced decorating and glazing methods. They will also research ceramic designs and history to inform their work and expand their understanding of the medium. With greater artistic freedom, students can explore personal ideas and creative approaches, developing their technical skills, creativity, and artistic voice while producing a portfolio of sophisticated, expressive ceramic pieces. Students must take Ceramics 1 before enrolling.

0808 CERAMICS 3

1 Semester, 1 Credit total Elective 10–12

Prerequisite: students must have completed Ceramics II and obtain the teacher's signature.

This course is designed for advanced, self-motivated students with a strong interest in ceramics and a commitment to the study of art and design. Students will explore advanced hand-building and wheel-throwing techniques while developing the skills to create decorative, functional, and sculptural works of art. Students can experiment with personal ideas and creative approaches, refining their craftsmanship, developing their artistic voice, and producing pieces that are both technically skilled and visually expressive. Students must take Ceramics 1 and 2 before enrolling.

0817 STUDIO ART 2

1 Semester, 1 Credit total, Elective 10–12

Prerequisite: students must have completed Drawing & Painting OR Sculpture & Illustration.

Studio Art 2 is a course for students who are interested in refining and expanding their expertise with a favored medium & subject matter. Students will explore new materials and approaches, both traditional or non-traditional, which may include various types of mixed media, drawing, painting,

printmaking, and sculpture. Students will examine artists working within these media, solve more complex design problems, and be encouraged to create exploratory and conceptual art pieces and develop their personal voice. This class is particularly recommended for students who are intent upon submitting an art portfolio for college applications. Students will participate in regular class critiques.

0820 STUDIO ART 3

1 Semester, 1 Credit total, Elective 10–12

Prerequisite: MUST have successfully completed at least two semesters of art and obtain the teacher's signature.

Studio Art 3 is for the very advanced, self-motivated student who has demonstrated a strong commitment to the study of art. Teacher-directed studies are offered in areas of specialization such as: drawing, painting, sculpture, mixed media, computer graphics, photography or further developing their areas of interest. Students will have the opportunity to build their portfolios. The process for applying for college art scholarships will also be covered. Students will participate in regular in-class critiques.

0829 PHOTOGRAPHY

1 Semester, 1 Credit total, Elective 9–12

Since its origin, photography has served as a significant method of documenting the human experience, as well as providing a means of artistic expression. This introductory level photography course will cover the history and technical elements of photography, design and composition, and operation of a manual digital camera. Students will have easy and regular access to a school digital camera that allows for manual control of ISO, aperture, and shutter speed.

0860 PHOTOGRAPHY 2

1 Semester, 1 Credit total, Elective 10–12

Prerequisite: students must have completed Photography and obtain the teacher's signature.

This course is designed for the self-motivated student wanting to build on the knowledge gained in Photography 1. Students will engage in a deeper dive into the design aspects of photography and learn to use them effectively to create more sophisticated imagery. Students will work on building a digital portfolio and regularly maintain a journal of their learning throughout the semester. Students will have easy and regular access to a school digital camera that allows for manual control of exposure, but can bring their own cameras if they wish.

0818 COMPUTER GRAPHICS

1 Semester, 1 Credit total, Elective 9–12

This course brings students into the world of computer graphics and graphic design. We work with Adobe® software, concentrating mainly on Photoshop® and Illustrator®, which have become the benchmark for digital imaging. An introduction to design software and to the Art elements and Principles of Design will allow students to develop an idea into a creative design. Students will have an authentic learning experience by working with a client from the community to solve a real-life problem with a graphic design. Learning to use Adobe® Creative Suites is a must for students pursuing careers in marketing, business, journalism, PR work, design, advertising, illustration, web design, and video game design.

0819 COMPUTER GRAPHICS 2

1 Semester, 1 Credit total, Elective 10–12

Prerequisite: students must have completed Computer Graphics.

This course is for the very advanced, self-motivated student who has demonstrated a strong commitment to computer graphics and digital imaging. With the continued use of Adobe® software, this course introduces more design aspects beneficial for students pursuing careers in illustration, advertising, fashion design, interior design, web design, photojournalism, journalism, marketing and business. Students will do a semester-long project that solves a problem or need for a real client. Students will also do work that develops and builds upon their own area of interest.

0830 COMPUTER GRAPHICS 3

1 Semester, 1 Credit total, Elective 10–12

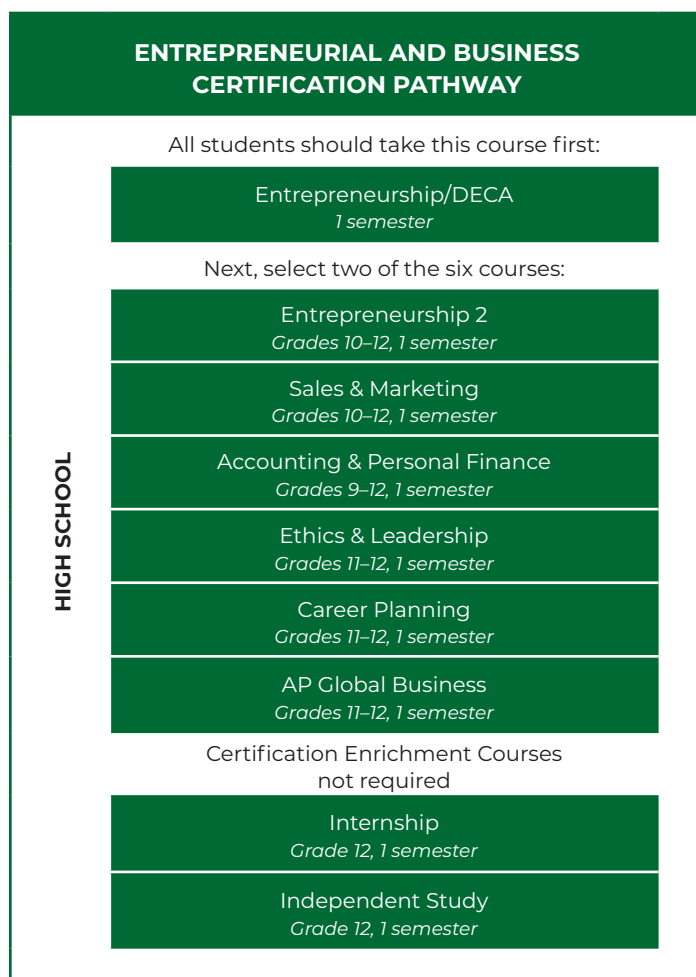
Prerequisite: students must have completed Computer Graphics 2 and obtain the teacher's signature.

This course is an independent study for the very advanced, self-motivated student who has demonstrated a strong commitment to computer graphics and digital imaging. With the continued use of Adobe® software, this course introduces more design aspects beneficial for students pursuing careers in illustration, advertising, fashion design, interior design, web design, photojournalism, journalism, marketing and business. Students will have the opportunity to complete an internship with the marketing department of a business in the community, or choose an industry that fits their area of interest, and complete an independent study that requires the student to apply their experience, resourcefulness, and creativity to that industry's design needs. This experience will allow the student to build up a portfolio of work and discover a greater level of power, precision, and control within advertising and design.

ENTREPRENEURIAL AND BUSINESS

Hill-Murray School offers a comprehensive Entrepreneurial and Business Certification Pathway giving students the opportunity to gain experience with career exploration, entrepreneurship, marketing, finance, accounting and global business. This pathway offers courses that will introduce students to advanced business topics, and develop their interpersonal and problem-solving skills by working in collaborative teams.

Our Entrepreneurship and Business Certification Pathway takes it to the next level, and prepares students for the Enterprise Business Internship which will allow students to gain experience in a professional business setting. Completing this pathway will help set students apart from their peers in both college and the workforce at large. See diagram on this page for required courses to complete the Certification Pathway.



0702 ACCOUNTING & PERSONAL FINANCIAL MANAGEMENT*

1 Semester, 1 Credit total, Elective in grades 9–12

This class is designed to give students the skills they need to manage their money and to make wise, safe, financial decisions. This class will help students by teaching them practical, personal finance concepts and skills. Budgeting, building a solid credit score, saving, investing and planning for college are all part of the curriculum. Students will also receive a strong foundation in accounting principles. Students will learn about the accounting cycle, accounting transactions, and how to prepare financial statements. Students will become familiar with accounting practices and have a thorough foundation for post-secondary accounting courses.

0703 ENTREPRENEURSHIP/DECA*

1 Semester, 1 Credit total, Elective in grades 9–12

Students in this class will learn about developing and managing a small business. Innovative product ideas, independent businesses, and franchising businesses will all be explored. Marketing plans, promotions, organizational structure and culture, social responsibility, laws and regulations, equipment, and facilities will all be considered and evaluated for a small business. Students will learn how to format and compose a business plan.

0710 ENTREPRENEURSHIP 2

1 Semester, 1 Credit total, Elective in grades 10–12

Prerequisites: Entrepreneurship / DECA

This course goes beyond basic entrepreneurship skills and allows students to create and run their own business. Entrepreneurship encompasses market identification, project planning, advertising, finance, and the day-to-day activities of successfully building a business. This course will allow students to develop business plans and put them into action. Students will run or manage one project in the school or community.

0713 SALES & MARKETING*

1 Semester, 1 Credit total, Elective in grades 10-12

This course will help students explore components of advertising in the business world, understand marketing and discover how to apply what they learn to both personal and business settings. Steps of the sales process and how to gain customer loyalty will be covered. Students will learn about the marketing mix, promotional strategies, marketing ethics, market research, consumer behavior and other marketing topics. Activities will include realistic, hands-on assignments and projects. This class will also include guest speakers, as available, giving students a chance to talk to business marketing professionals.

0740 ETHICS AND LEADERSHIP*

Fulfills a Theology requirement*

1 Semester, 1 Credit total, Elective/Religion in grades 11-12

Becoming a leader is an intentional process of growth that must be lived out experientially. One must have the will to say “yes” and even “no” to an unending series of tests, large and small, each demanding that we take one more step toward a definition of who we are. We must be ready to define our values, our character, and our leadership style. For durable, strong leaders, the process will not end. It will become a way of life, not only in business, but within our families, our various communities, and the world. *Students earning a B or better in this class have the option to receive articulated credits through Century College. Please meet with your School Counselor if you are interested in articulated credit.

0718 AP/HONORS GLOBAL BUSINESS

Full Year, 1 Credit each semester, 2 Credits total
Elective in grades 11-12

This Advanced Placement Course will allow students to explore numerous real-world business topics on an international level. Students will develop and utilize 21st-century skills such as collaboration, teamwork, project management and research for multiple projects. China? India? Latin America? Multiply a company’s success and impact exponentially by harnessing the opportunities with the U.S. and globally. With 95% of the world’s population existing outside of the United States, the need to understand foreign markets and global business issues has increased at a dramatic pace. This global business course will expose students to the complex international environment. A fee is applied if taking the AP exam in May.

0780 CAREER PLANNING 111

1 Semester, 1 Credit - Elective Grades 11-12
(2 SCSU college credits)

This course focuses on exploration of interests, values, abilities, personality, and goals as they relate to educational and career planning. Self assessment, major and career information research, decision-making, workplace trends, resume writing,



job searching skills, and career management are all part of the curriculum. A tuition fee will be charged for University credits.

0730 ENTERPRISE BUSINESS INTERNSHIP

1 Semester, 1 Credit - Elective in grade 12

Prerequisites: 3 of the following courses: Entrepreneurship/ DECA 0703, Entrepreneurship 2 0710, Accounting and Personal Finance 0702, Sales and Marketing 0713, AP Global Business 0718, Career Planning 0780, and Ethics and Leadership 0740.

A signature of the business department chair is required. Qualified students who complete the Entrepreneurial Pathway course track will have the opportunity to apply for an internship. Students will apply their Junior year, and if selected, will leave Hill-Murray for their 7th hour class during one semester of their Senior year. They will work in a structured environment and learn the complexities of a successful business. This internship is modeled after college internships. Students will be expected to complete portfolio of current accomplishments.

0721 ADVANCED BUSINESS CONCEPTS: INDEPENDENT STUDY

1 Semester, 1 Credit - Elective Grade 12

Prerequisites: 3 of the following courses: Entrepreneurship/ DECA 0703, Entrepreneurship 2 0710, Accounting and Personal Finance 0702, Sales and Marketing 0713, AP Global Business 0718, Career Planning 0780, and Ethics and Leadership 0740.

A signature of business department chair is required. This independent study course will focus on real-life marketing and business situations. The student will develop a deeper awareness and analysis of entrepreneurship, marketing, business relations and strategies. Students will analyze current business situations and develop optimal solutions to challenges. Students will complete the project(s) in the area of focus chosen.

ENGLISH

0204 INTRODUCTION TO LITERATURE & COMPOSITION 9

Full Year, 1 Credit each semester - 2 Credits total

The first year of the high school English program provides a holistic study of literature and the English language. Development of grammar concepts, vocabulary, and essay writing are the major focuses. Literary studies and analysis cover the four major genres of novels, drama, short stories, and poetry.

0206 WORLD LITERATURE & COMPOSITION 10

Full Year, 1 Credit each semester - 2 Credits total

The second year of high school English builds on foundational literary concepts from freshman year. Students will strengthen their skills in analytical, argumentative, and synthesis writing while also engaging in frequent class discussions to deepen interpretation and critical thinking. Literature is drawn from various areas of the world and focuses on concepts related to our society. A dedicated debate unit challenges students to research, collaborate, and articulate their ideas persuasively. Confusing vocabulary words are integrated throughout the year to support both written and spoken expression.

0216 ENGLISH 11

Full Year, 1 Credit each semester - 2 Credits total

The course focuses primarily on a variety of writing projects and early 20th-century literature, with an emphasis on American Literature. Writing projects consist of smaller pieces such as journaling and poems to larger pieces like narratives and research papers. Literary time periods include the Harlem Renaissance, the Roaring Twenties, World War II, and Post-World War II. Students will develop their academic research skills throughout the course through synthesizing, analyzing, and making connections between literature and real world events. The juniors will finish the year with a multimedia capstone project utilizing the skills and knowledge from the year.

0225 ENGLISH 12

Full Year, 1 Credit each semester - 2 Credits total

Students will read a variety of novels, short stories, plays, essays, and poetry from different time periods and historical contexts. Students will examine a variety of literary techniques throughout their study. This course will equip students with the knowledge and foundation of great literature. In addition to reading and analysis, students will discuss contemporary relevance, meanings, and implications with their peers both formally and informally. Writing in this course will focus on college applications, research, analysis, and a variety of other genres to achieve different purposes and reach different audiences.

WRITING, LITERATURE & ENGLISH ELECTIVES

0212 HONORS INTRO TO LITERATURE & COMPOSITION 9

Full Year, 1 Credit each semester - 2 Credits total

Prerequisite: Must earn a qualifying score on the exam and fulfill other requirements.

The first year of the Honors English program provides a rigorous and holistic study of literature and the English language. Development and in-depth study of grammar concepts, vocabulary, and various genres of writing are the major focuses. Literary studies and analysis cover the four major genres of novels, drama, short stories and poetry. Note: there is a required summer reading assignment due prior to the beginning of the school year.

0220 CIS / INTRODUCTION TO PUBLIC SPEAKING

1 Semester, 1 Credit total, Elective Grades 11-12

Prerequisite: Current English teacher's recommendation.

This collegiate-level course offered through the University of Minnesota is designed to teach students basic and advanced public speaking skills. The course helps students understand the basic principles of oral communication, focusing on improving research, writing, and organizing effective presentations appropriate to particular audiences. Students will develop, improve, and gain confidence in basic delivery skills. Students will also learn to critically evaluate speeches and develop an awareness of, and appreciation for, the responsibilities of ethical communication. *All students who successfully complete this course with a qualifying grade will receive college credit through the U of M. A tuition fee will be charged for the U of M credits.*

0215 AP SEMINAR

Full Year, 1 Credit each semester, Elective Grade 10

Prerequisites: Successful completion of 9th-grade English and a qualifying score on the placement test.

AP Seminar is a course that challenges students to explore real-world issues through critical thinking, research, collaboration, and communication. Using an inquiry-based approach, students investigate a variety of academic and contemporary topics from multiple perspectives. Students learn to analyze texts, data, and media, evaluate sources, and synthesize information from diverse viewpoints. Throughout the course, students develop their own evidence-based arguments in both written essays and multimedia presentations, working individually and collaboratively. AP Seminar builds essential skills in analysis, research, and communication that prepare students for success in college-level work and beyond. Students in this course will complete the AP digital portfolio as part of the course. In addition, students have an opportunity to take the Advanced Placement Seminar exam in the Spring. A fee is applied if taking

the AP exam in May. *Note: There is a required summer reading assignment due prior to the beginning of the school year. This course satisfies the 10th-grade English requirement.*

0217 AP / LANGUAGE & COMPOSITION – AMERICAN LITERATURE 11

Full Year, 1 Credit each semester - 2 Credits total

Prerequisite: Must earn a qualifying score on the exam and fulfill other requirements.

This rigorous advanced English course invites students to become proficient in rhetorical analysis, argumentative writing, and persuasive deployment of research sources. All forms of writing are studied intensively and include college-level texts and advanced non-fiction readings. Alongside writing, in-depth discussions about assigned texts and skills will reward prepared and motivated students. Students in this course have an opportunity to take the Advanced Placement Language and Composition exam in the Spring. A fee is applied if taking the AP exam in May. *Note: There is a required summer assignment due prior to the beginning of the school year.*

0219 AP / LITERATURE & COMPOSITION 12

Full year, 1 Credit each semester - 2 Credits Total

Prerequisite: Must earn a qualifying score on the exam and fulfill other requirements. Students may take the course for dual enrollment (PACC) credit through St. Mary's University of Minnesota and/or AP credit. Separate fees are applied for each option.

Students gain exposure to works of fiction, poetry, and drama, and acquire experience in careful reading, interpretation, and critical analysis of literary texts (verbal and written) from various genres and time periods. Students not only read but also actively engage with literary texts, and in the process become familiar with literary conventions and discourse. Other forms of writing, such as college application and personal essays, are also an integral component of the course. The coursework will prepare students for the AP Literature and Composition exam, which may be taken in the Spring. A fee is applied if taking the AP exam in May. *Note: There is a required summer reading assignment due prior to the beginning of the school year.*

0239 DRAMATIC LITERATURE: ANALYSIS IN ACTION

1 Semester, 1 Credit total, Elective Grades 10–12

Analysis in Action is a rigorous literature course designed around Aristotle's "Poetics" and the six elements of drama: Plot, character, thought, diction, music, and spectacle. Students apply their analyses through three scene study projects and essays, covering three distinct eras of Western drama. Instruction will focus on literary analysis and creative decision-making. While projects involve acting, directing, and designing for the stage, this is a vehicle for applying learning, not an instructional focus. Students should be open to the idea of presenting in front of classmates and faculty.

0264 STORYTELLING THROUGH VIDEO GAMES

1 Semester, 1 Credit total, Elective Grades 10–12

Video games offer unique and innovative ways of storytelling that can be difficult to portray in other mediums. In this class, students will be tasked to play various narrative-based video games and analyze the literary techniques used to communicate their stories. These games will serve as our primary texts to be "read" and will be supplemented with other fiction and nonfiction works.

0222 CREATIVE WRITING

1 Semester, 1 Credit - Elective Grades 10–12

Creative Writing focuses on the writing and creative processes: pre-writing/brainstorming, drafting, and editing/revising. Although the final product is important, emphasis is also placed on how writers arrive at the final product. Students will explore the basic elements of writing, read a variety of rich mentor texts, and compose works of fiction, creative-nonfiction, poetry, and drama.

0232 YEARBOOK

1 Semester, 1 Credit total, Elective Grades 10–12

Prerequisite: Current English teacher's recommendation and approval of yearbook advisor.

Students in this course will study and implement basic journalism principles including writing, reporting, photography, composition, layout and design using current industry desktop publishing software. Students registering for this class will serve as part of the yearbook staff and will gain practical experience as coursework will be used for publication in The Omega. There will be an expectation to go to events outside of school hours.

0234 FILM & MEDIA STUDIES

1 Semester, 1 Credit total, Elective Grades 10–12

In this introductory course, students gain a critical understanding of the power and intent of visual media. Film as art, cinematic elements and vocabulary, the history of film and its impact on the American culture are some of the areas included. Students will have the opportunity to create original shorts by applying hands-on cinematic techniques and editing skills.

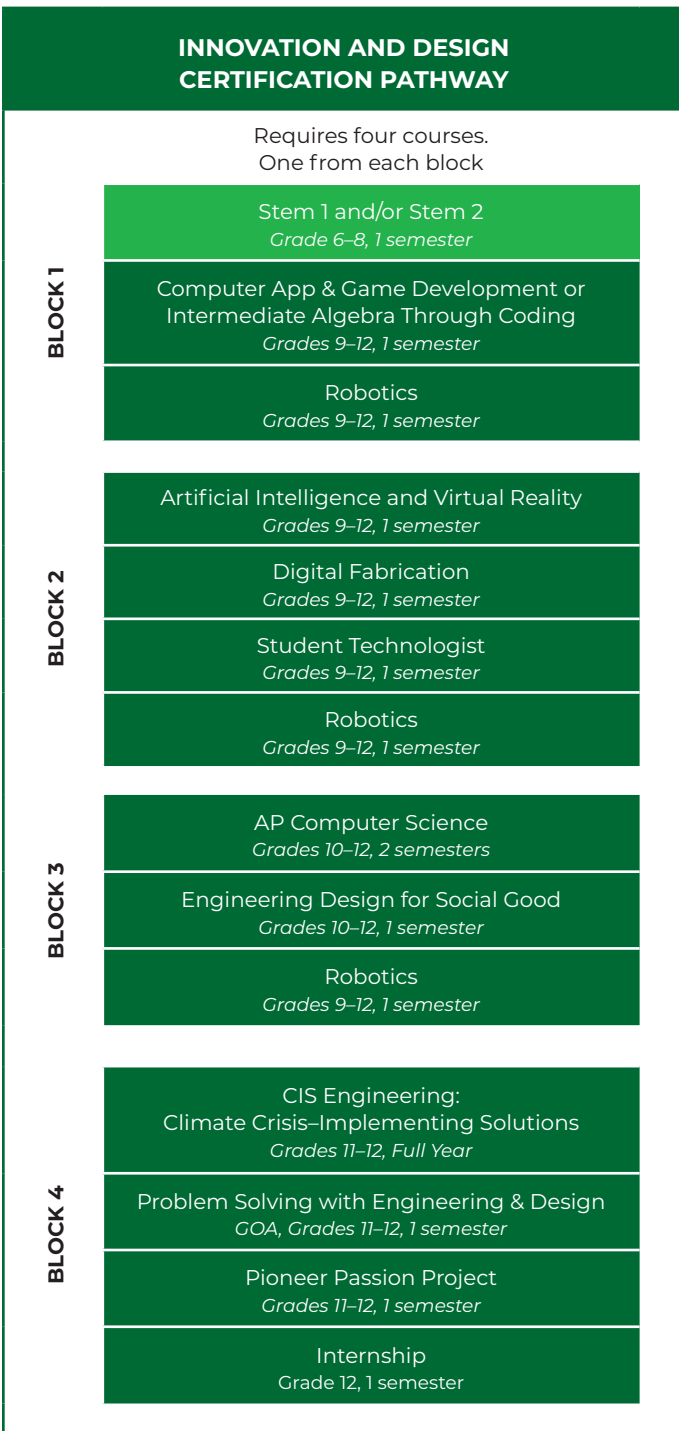
0236 SPORTS JOURNALISM

1 Semester, 1 Credit total, Elective Grades 11–12

Enter the fast-paced world of sports journalism. Students will produce game stories, profile stories, and preview/review stories. Students will work with coaches, Hill-Murray athletes, and our marketing department. Topics covered include journalism ethics, news basics, APA style, and sports culture. There will be an expectation to go to sporting events outside of school hours for assignments

INNOVATION & DESIGN

Hill-Murray School offers pathways to certification in Innovation and Design, giving students the opportunity to gain experience in a comprehensive science, technology, engineering, and math (STEM) curriculum. This includes hands-on experience with computational thinking, engineering, 3D printing, fabrication, design, and computer programming. Courses in this pathway introduce students to innovative and cutting-edge topics and allow them to develop their technical skills with industry-standard software and tools. The pathway culminates with a capstone research or design project in the Pioneer Passion Projects course. As students work toward this pathway certificate, they will develop creativity, problem solving skills, and technical abilities that are vital for success in college and beyond. See the diagram for course requirements to complete the pathway.



0723 STUDENT TECHNOLOGIST

1 Semester, 1 Credit total, Elective in grades 9–12

The Student Technologist course is designed to help students gain valuable experience in the Information Technology field, gain confidence in their ability to overcome problems, and gain valuable hands on experience using, troubleshooting, and repairing industry software and hardware. During this course students will participate in activities that will help prepare them for industry-recognized technology certifications.

0724 COMPUTER APP & GAME DEVELOPMENT

1 Semester, 1 Credit total, Elective in grades 9–12

Explore the building blocks of the digital world all around us. Dip a toe in the world of website, mobile application and game design, and learn why application design and programming are and will continue to be one of the fastest growing job sectors in the world. Learn to program in the world's most popular computer languages. The programming language of the web, JavaScript, will also be part of the curriculum.

0726 PIONEER PASSION PROJECTS

1 Semester, 1 Credit total, Elective in grades 11–12

Requires department approval

Do you have an idea for a product, but don't have the tools to make it happen? Want to code an app but don't have the time or support to actually get it going? Is there a problem in our community that you think you can solve? Do you have a burning question about the world that you want to research? Then Pioneer Passion Projects is right for you. In this independent study, students will develop, create, or investigate an idea or question that they are passionate about. The student driven course will focus on refining their task, making and executing a plan, and ultimately sharing the results of their efforts. Students will also have the opportunity to connect with professionals in their area of interest. Students will learn independence, project management, goal setting, and presentation skills as they explore their passions.

0734 ARTIFICIAL INTELLIGENCE AND VIRTUAL REALITY

1 Semester, 1 Credit total, Elective in grades 9–12

Prerequisite: Computer App & Game Design, or departmental approval.

This course provides continuing experience in computer programming, problem solving, and software design methods. Students will dive deeper into the skills and techniques that they learned in Computer App & Game Design while exploring Artificial Intelligence and Virtual/Augmented Reality applications. Students will learn to incorporate machine learning and AI into their projects. Students will also be introduced to object oriented programming, algorithm development, and the software design cycle. Embedded throughout the course will be discussions of ethical questions in computer science.

0728 AP / COMPUTER SCIENCE

Full Year, 1 Credit each semester - 2 Credits total

Elective in grades 10–12

Prerequisite: Successful completion of Artificial Intelligence and Virtual Reality or department approval.

AP Computer Science introduces students to computer science with fundamental topics that include: problem solving, design strategies and methodologies, organization of data, approaches to processing data, analysis of potential solutions, and the ethical and social implications of computing. The course emphasizes both object-oriented and imperative problem solving and design.

0736 DIGITAL FABRICATION

1 Semester, 1 Credit total, Elective in grades 9–12

In this course, students will learn to use CAD software along with other tools to create their own designs with laser cutters, vinyl cutters, CNC routers, and a 3D printer that they assemble themselves. This project-based learning course will allow students to explore their own creativity while also learning valuable professional skills. As part of the course, students will construct and learn the tuning and maintenance of a 3D printer. The 3D printer will be the students to keep so they can continue creating after the course is over. A lab fee of approximately \$150 will cover the cost of this 3D printer.

0738 ROBOTICS

Fall Semester, 1 Credit total, Elective in grades 9–12

In this hands-on course students will work together in groups to design, build, program, and test a robot to operate within the constraints of a specific challenge. Students will learn Engineering, Computer Aided Design, and Computer Programming as they prepare their robots for the FIRST Technical Challenge (FTC). The course will emphasize problem solving and design, but students will also learn tool safety and technical writing skills. Robots designed in this course will enter into the FTC competition.

0735 CIS ENGINEERING:

CLIMATE CRISIS-IMPLEMENTING SOLUTIONS

Full Year, 2 Credit Total, Elective 11-12

Prerequisite: B or better in a High School Science class and B or better in Algebra 2 or Precalculus

This is a CIS course through the University of Minnesota in the department of Electrical and Computer Engineering. The course is designed so that students will learn the fundamentals related to harnessing energy from various sources (conventional and renewable), their environmental consequences, and the effect on society. The energy sources will be compared in terms of their costs, constraints, and environmental effects all within the context of social values and public policy. This course is optimistic and upbeat, and shows that we can meet the challenge of global warming by shifting our energy use to electricity in all sectors of society as much as possible, generating electricity from renewables, using it efficiently, and minimizing overall energy usage through increased conservation efforts. Students will become more informed and engaged citizens on the course topics and be in a better position to identify their own passions and be able to pursue further studies accordingly. Students can earn 4 credits toward a college degree.

0737 ENGINEERING DESIGN FOR SOCIAL GOOD

1 Semester, 1 Credit total, Elective in grades 10–12

Prerequisites: Digital Fabrication or Signature of the Instructor

This hands-on, project-based course introduces students to the fundamentals of the engineering design process, focusing entirely on creating solutions that help people and improve lives. Students will work collaboratively and individually through four major design challenges: developing tools to enhance manual dexterity, creating low-cost assistive technology devices, designing functional 3D printed objects for specific needs, modeling solutions for surgical reconstruction, and programming robotics for safety applications. Throughout the semester, students will learn 3D modeling (CAD), specifically Autodesk Fusion and Blender (two industry leading softwares), and rapid prototyping and testing. The course culminates in each student building a cumulative website portfolio showcasing their projects and documenting their design journey.

MATHEMATICS

MATHEMATICS COURSE OFFERINGS	
MIDDLE SCHOOL	Pre-Algebraic Concepts
	Pre-Algebra
	Middle School Algebra
HIGH SCHOOL	High School Algebra
	Intermediate Algebra or Intermediate Algebra through coding or Honors Intermediate Algebra
	Geometry or Geometry Through Woodworking or Honors Geometry
	Algebra II or Honors Algebra II
	Pre-Calc or Honors Pre-Calc
ELECTIVES	Statistics or Honors Statistics
	Calculus Basics or Honors Calculus Basics
ADDITIONAL MATH CLASSES	AP Honors Calculus BC
	CIS College Algebra

0319 ALGEBRA HS

Full Year, 1 Credit each semester - 2 Credits total

Prerequisite: Pre-Algebra.

The focus of this course is linear functions and applications of algebraic techniques in various situations. It is designed for the HS student who needs additional support representing situations and solving problems with algebraic expressions, equations, and inequalities.

0307 INTERMEDIATE ALGEBRA

Full Year, 1 Credit each semester - 2 Credits total

Prerequisite: MS Algebra.

This course is a continuation of MS Algebra. The focus will be on quadratic functions, exponential functions, and will include data analysis and probability.

0313 INTERMEDIATE ALGEBRA THROUGH CODING

Full Year, 1 Credit each semester - 2 Credits total

Prerequisite: MS Algebra.

This course combines Intermediate Algebra with the basics of computer programming, offering students a dynamic approach to learning key math concepts through coding. Topics covered include quadratic functions, exponential models, data analysis, probability, and inequalities. Students will use both spreadsheet tools and Python programming to explore and solve real-world problems, applying their coding skills to deepen their understanding of algebraic principles. By the end of the course, students will be able to analyze data, create mathematical models, and solve complex problems using code, gaining both algebraic fluency and foundational programming experience. This course will satisfy a mathematics requirement and prepare students for Geometry, Honors Geometry, and other future high school mathematics courses. This course will also count toward the Innovation and Design Pathway Certificate and allow students to advance to a second level computer science course.

0308 HONORS INTERMEDIATE ALGEBRA

Full Year, 1 Credit each semester - 2 Credits total

Prerequisite: MS Algebra and approval of Math Dept.

This course is a continuation of MS Algebra. The focus will be on quadratic functions, exponential functions, and will include data analysis and probability. This course has more rigor than Intermediate Algebra, moves at a faster pace, and includes more topics.

0312 GEOMETRY

Full Year, 1 Credit each semester - 2 Credits total

Prerequisite: Intermediate Algebra.

This course covers basic Euclidean geometry. The focus will be reasoning and proof. Topics include: triangle properties, right triangle trigonometry, polygons, circles, and solids.

0316 GEOMETRY THROUGH WOODWORKING

Full Year, 1 Credit each semester - 2 Credits total

Prerequisite: Intermediate Algebra.

This hands-on course combines the principles of geometry with the art and craft of woodworking. This course is designed to teach participants how geometry plays a crucial role in the design, construction, and aesthetics of woodworking projects. Whether you're a novice woodworker or have some experience, this course will enhance your skills and help you create more precise and visually appealing pieces.

0314 HONORS GEOMETRY

Full Year, 1 Credit each semester - 2 Credits total

Prerequisite: Honors Intermediate Algebra or approval of the Math Dept.

This course covers basic Euclidean Geometry. The focus will be reasoning and proof. Topics include: triangle properties, right triangle trigonometry, polygons, circles, and solids. This course has more rigor than Geometry, moves at a faster pace, and includes more topics.

0318 ALGEBRA II

Full Year, 1 Credit each semester - 2 Credits total

Prerequisite: Geometry.

This course builds on students' intermediate Algebra skills. Topics include: radicals, quadratics, families of functions, polynomials, sequence and series, probability and statistics.

0336 HONORS ALGEBRA II

Full Year, 1 Credit each semester - 2 Credits total

Prerequisite: approval of Math Dept.

This course builds on student's intermediate Algebra skills. Topics include: radicals, quadratics, families of functions, polynomials, sequence and series, probability and statistics. This course has more rigor than Algebra II, moves at a faster pace, and includes more topics.

0334 PRE-CALCULUS

Full Year, 1 Credit each semester - 2 Credits total

Prerequisite: approval of Math Dept.

This course extends student's previous learning of algebra, analytic geometry and trigonometry in preparation for calculus. It includes a balance between theory and application.

0333 HONORS PRE-CALCULUS

Full Year, 1 Credit each semester - 2 Credits total

Prerequisite: approval of Math Dept.

This course extends student's previous learning of algebra, analytic geometry and trigonometry in preparation for calculus. It includes a balance between theory and application. This course has more rigor than Pre-Calculus, moves at a faster pace, and includes more topics.

0338 CALCULUS BASICS

Full Year, 1 Credit each semester - 2 Credits total

Prerequisite: Pre-Calculus and teacher recommendation.

This course introduces many topics that will help students to gain exposure to Calculus concepts. Topics include: limits, derivatives, and use of Calculus in the real world. Graphing calculator is required.

0328 CIS / HONORS CALCULUS

Full Year, 1 Credit each semester - 2 Credits total

Prerequisite: B in Honors Pre-Calculus or an A in Pre-Calculus and approval of Math Dept.

This course is a College in the Schools (CIS) course in Calculus I through the University of Minnesota. Topics include differentiation of single variable functions and basics of integration of single variable functions. Applications include: max/min, related rates, area and curve sketching and emphasizes the use of calculator and cooperative learning. Graphing calculator is required. Upon completion of this course, a student will receive 4 college credits. *A tuition fee will be charged for the U of M credits.*

0330 INTRODUCTION TO STATISTICS & PROBABILITY

Full Year, 1 Credit each semester - 2 Credits total

Prerequisite: approval of Math Dept.

This course is an introduction to elementary statistics and probability. Students will gain an understanding of the ways in which the methods and theories of statistics are used in organizing, analyzing and interpreting data. The TI83/84 PLUS graphing calculator is required.

0332 AP / HONORS STATISTICS & PROBABILITY

Full Year, 1 Credit each semester - 2 Credits total

Prerequisite: B or better on the final exam for Honors Algebra II and a B or better in Honors Algebra II or higher level math class, or teacher recommendation.

This Advanced Placement course is an excellent option for students who wish to complete studies equivalent to a one semester, introductory, non-calculus-based college level statistics course. The AP course will introduce students to the major concepts and tools for collecting, analyzing, and drawing conclusions from data. A graphing calculator with statistical capabilities such as the TI-83/84 is required. Students who successfully complete the course and AP exam may receive college credit, advanced placement, or both. A fee is applied if taking the AP exam in May.

0345 CIS / COLLEGE ALGEBRA THROUGH MODELING

Full Year, 1 Credit each semester - 2 Credits total

Prerequisite: Grades 11 and 12 only. Algebra II and approval of Math Dept.

This course is a College in the Schools (CIS) course through the University of Minnesota. Students learn how to use mathematical equations and functions, including linear, polynomial, exponential and logarithmic functions, to model real-world data. Students also learn basic probability theory including counting methods and conditional probability. Spreadsheets and graphing calculators are used to develop equations and graphs from both real and theoretical data. Projects enable students to use models to examine trends and make predictions. This course satisfies the Quantitative Reasoning requirement at the University of Minnesota and satisfies a College Algebra requirement at many other schools.

MUSIC

0838 MUSIC THEORY

1 Semester, 1 Credit total, Elective Grades 11-12

Prerequisite: Ability to read and understand music at an intermediate level. A teacher's signature is required.

Learn the science, patterns, and processes of music. The course will build foundational concepts and then progress to include more sophisticated and creative tasks. Students will be offered the opportunity to take the Advanced Placement examination in Music Theory offered in May. A fee is applied if taking the AP exam in May.

0836 WIND ENSEMBLE

Full year, 1 Credit each semester - 2 Credits total

Elective Grades 9-12

This group plays everything from pop and rock tunes to classical and contemporary musical works. Our main goal is to build school spirit and entertain the community. Attendance at all performances is expected and most performances happen outside the school day. Students enrolled in this course will do a homecoming halftime show and play at sporting events along with concerts. Prior experience is not necessary.

0832 VIVACE (HIGH SCHOOL MIXED ENSEMBLE)

1 Semester or Full year, 1 Credit each semester - 2 Credits total

Elective Grades 9-12

This performing ensemble is designed for the High School vocal student. Students will develop advanced performance skills through performance practice and by incorporating a range of musical concepts, musical styles, and choral elements. This choral group will perform several concerts throughout the year including area music festivals and contests. Attendance at all performances is required.

0329 AP / HONORS CALCULUS BC

Full Year, 1 Credit each semester - 2 Credits total

Prerequisite: C or better in CIS Honors Calculus.

AP Calculus BC is a college-level course. An understanding of differential and integral calculus is cultivated through engaging with real-world problems represented graphically, numerically, analytically, and verbally. Students use definitions and theorems to build arguments and justify conclusions as they explore concepts such as change, limits, and analyze functions. Students who successfully complete the course and AP exam in May may receive college credit, advanced placement, or both. A fee is applied if taking the AP exam in May.



0833 HONORS VIVACE (HIGH SCHOOL MIXED ENSEMBLE)

1 Semester or Full year, 1 Credit each semester - 2 Credits total

Elective Grades 9-12 Teacher's signature required.

Motivated and capable Choral Music students may register for this course. Students will collaborate with the instructor to develop vocal technique and a leadership role in the choir. This leadership role stresses the fundamentals of music literacy and development. Rehearsals and sectionals stress the development of sound, technique, and proficiency, as well as, core musical concepts relative to large ensemble performance.

0823 PIONEER PERIOD CHOIR

1 Semester or Full year, .5 Credit each semester - 1 Credit total

PIO PERIOD SUBSTITUTE

This performing ensemble/ Pioneer Period is designed for High School vocal students who cannot fit Vivace choir into their class schedule and would like to develop advanced performance skills with the Vivace Ensemble. Enrolling in the Pioneer Period Choir, students will not have outside homework aside from attending performances. This will serve as your Pioneer Period and is a pass/fail class, but will appear on your transcript.

0828 DRUMLINE ENSEMBLE | PERCUSSION ENSEMBLE

*1 Semester or Full year 1 Credit each semester - 2 Credits total
Elective Grades 9–12*

Join our awesome NBA/ NFL style drumline. Prior playing experience is not necessary and we accept beginners at all grade levels. Attendance at performances is expected and most performances happen outside the school day. Students enrolled in this course will do a homecoming halftime show and play at sporting events along with concerts.

0837 CIS / DRUMLINE ENSEMBLE | PERCUSSION ENSEMBLE

*1 semester or Full year , 1 Credits each semester - 2 Credits total
Elective Grade 10–12*

Join our awesome NBA/ NFL style percussion ensemble and entertain people while earning college credit. Students must be in grades 10–12 with a B+ or above in their previous music course. Attendance at performances is expected and most performances happen outside the school day. Students will perform several concerts throughout the year including area music festivals and contests, a homecoming halftime show, and various sporting events. Prior experience is not necessary. A fee from the college is applied which is capped at \$300.

0872 CIS / WIND ENSEMBLE

*1 semester or Full year, 1 Credits each semester - 2 Credits total
Elective Grade 10–12*

This group plays everything from pop and rock tunes to classical and contemporary musical works while earning college credit. Our main goal is to build school spirit and entertain the community. Students must be in grades 10–12 with a B+ or above in their previous music course. Attendance at performances is expected and most performances happen outside the school day. Students will perform several concerts throughout the year including area music festivals and contests, a homecoming halftime show, and various sporting events. Prior experience is not necessary. A fee from the college is applied which is capped at \$300.

0873 PIONEER PERIOD WIND/PERCUSSION ENSEMBLE

*1 Semester or Full year, .5 Credit each semester - 1 Credit total
PIO PERIOD SUBSTITUTE*

This option is for students who want to have fun making music but need a space to fit it into their schedule. Your student would be participating in the music group during their Pioneer Period study hall. Attendance at performances would be expected and most performances happen outside the school day.

0841 PIONEER ORCHESTRA

*1 Semester or Full year, 1 Credit each semester - 2 Credits total
Elective Grades 9–12*

In Pioneer Orchestra, students will explore an exciting mix of musical styles, from timeless classical pieces to contemporary and popular works, strengthen their technique, deepen their understanding of musical concepts, and learn how to perform with confidence and expression. Throughout the year, the orchestra performs in several concerts, local festivals, and contests, and travel performance opportunities are offered to exciting places like Disney World and Honolulu, Hawaii. All students in grades 9–12 are welcome, and no audition or prior experience are required. Whether a student is just beginning or has been playing for years, they will find a supportive and inspiring community where they can make great music and lasting memories.

0840 PIONEER PERIOD ORCHESTRA

*1 Semester or Full year, .5 Credit each semester - 1 Credit total
PIO PERIOD SUBSTITUTE*

The Pioneer Period Orchestra is perfect for students who love playing their instrument but can't fit orchestra into their regular class schedule. Students in grades 9 - 12 will join the full orchestra as active members all while earning ½ credit per semester on a pass/fail basis. This course appears on their transcript and allows them to continue making music without adding extra homework. Students in Pioneer Period Orchestra are considered full members of the ensemble and are eligible for any travel performance opportunities such as our recent trips to Disney World and Honolulu, Hawaii. All students in grades 9 - 12 are welcome, no audition or prior experience required!

0870 CIS PIONEER ORCHESTRA

*1 Semester or Full year, 1 Credit each semester - 2 Credits total
Elective Grades 10–12*

Students can earn college credit while playing in the high school orchestra! Rehearsals feature a blend of full-group sessions, focused sectionals, and individual assignments to help students grow as both musicians and teammates. Students in CIS must be in grade 10–12 with a B+ or above in their previous music course. The Orchestra performs several concerts throughout the year including area music festivals and contests. Most performances happen outside the school day. Attendance at all performances is expected. Travel performance opportunities are also offered to exciting places like Disney World and Honolulu, Hawaii.

PHYSICAL EDUCATION, HEALTH & WELL-BEING

The Physical Education, Health, and Wellbeing curriculum empowers students to build lifelong habits that support physical, social and mental well-being. Through fitness, skill development, and health education, students strengthen their bodies, develop resilience, and gain practical knowledge around nutrition, mental health, healthy relationships, and personal safety. These courses encourage students to make informed choices, set personal goals, and take meaningful steps toward a healthier, more confident future. The course offerings reflect a commitment to providing students with meaningful experiences that enhance their overall wellbeing.

0019 HEALTH 9

1 Semester, 1 Credit total, Required for grade 9

The Health Education curriculum for 9th grade provides students with opportunities to explore their own wellness, which includes areas of physical, mental, and social well-being. Students will assess their own risk factors and risk behaviors, evaluate their stress levels and stress management techniques, gain a better understanding of mental illness, and practice decision making and goal setting strategies for a variety of health-related situations. They will learn to apply life-saving skills, such as recognizing the warning signs of suicide and performing hands-only CPR and AED. Daily Journals will help students to practice values clarification and critical thinking.

0003 PHYSICAL EDUCATION 9

1 Semester, 1 Credit total, Required for grade 9

This course encourages students to discover the joy of physical activity through a variety of sports, circuits, and skill-building exercises. Students will engage in dynamic, hands-on experiences that emphasize teamwork, personal fitness, and the development of motor skills. By participating in diverse activities, from traditional team sports to individual challenges, students will gain a deeper appreciation for movement, improve their physical health, and develop strategies for participating in lifelong activity.

0032 YOGA FOR STRESS MANAGEMENT

1 semester, 1 Credit total, Elective in grades 11–12; women only

While some stress can help us perform and grow, ongoing stress can take a toll on our health and daily functioning. This course helps students identify when stress has negative impacts and manage it through awareness and the practice of mindful movement, breath awareness, meditation, and mindfulness. Students will learn techniques to calm the body and mind, build self-awareness, and develop personal strategies to support balance and resilience in everyday life.

0029 INDIVIDUALIZED WEIGHT TRAINING I, II, III, IV

(male students)

0031 INDIVIDUALIZED WEIGHT TRAINING I, II, III, IV

(female students)

1 Semester, 1 Credit total, Elective in grades 10–12

Students will be introduced to a diverse array of training strategies, including the utilization of barbells, dumbbells, resistance bands, and bodyweight exercises. The primary objective of this class is to equip students with the skills necessary to train effectively, design their own workout routines, and cultivate confidence in their personal fitness journeys. Students may enroll in this class multiple times to further enhance their training experience.

0016 STANDARD FIRST AID-CPR AED

1 Semester, 1 Credit total, Elective in grades 10–12

The course will involve instruction in basic first aid techniques and performance of cardio-pulmonary resuscitation and proper use of AED. Upon completion of this course, students will be certified in adult, infant and child CPR and community first aid through the American Red Cross.

0028 COMPETITIVE TEAM SPORTS

1 Semester, 1 Credit total, Elective in grades 11–12

This course is designed as an activity class for juniors and seniors who find Physical Education enjoyable and rewarding. It is designed to meet the needs of the student as an outlet for physical activity through a structured course of activities, primarily in the area of life sports. Students are allowed to take this class multiple times. Depending on enrollment, this class may run as girls only or boys only.

0033 MOBILITY TRAINING

Full Year, 1 Credit each semester - 2 Credits total
Elective in grade 12

Mobility Training is a year-long wellness course designed to help students improve their physical strength, flexibility, and overall movement quality through evidence-based mobility practices. Students will explore the connection between movement, mindfulness, and long-term physical health while learning techniques that support balance, coordination, and functional strength. Through a blend of guided instruction, hands-on practice, and self-assessment, students will develop an understanding of how mobility impacts performance, injury prevention, and everyday well-being. Lessons will integrate elements of yoga, dynamic stretching, stability training, and recovery strategies. By the end of the course students will be able to apply for certification to be a yoga instructor.

0034 ATHLETICS AND MINDSET FOR LIFE

1 Semester Course, 1 Credit total, Elective in grades 9–12

This course focuses on developing mobility and a growth mindset as essential elements of athletic performance. Students in grades 9–12 will engage in training methods that promote confidence, self-awareness, and mental resilience. Coursework incorporates myofascial release, circuit-based conditioning, dynamic and static stretching, and guided mindfulness practices. Weekly meditation sessions are included to enhance focus and support nervous system regulation. This course can be repeated.

ROOTED PHILANTHROPIC LEADERSHIP INSTITUTE



0100 PIONEER PARTNERS (PEER LISTENING)

Full Year, 1 Credit each semester - 2 credits total,
Elective in Grade 11 and 12

Pioneer Partners is a year-long, student-led mentoring class designed for junior and seniors who want to make a difference at Hill-Murray by mentoring 9th and 10th grade students. Rooted in Hill-Murray's Portrait of a Pioneer and Leadership Institute, the course helps students build leadership, empathy, and communication skills through real, meaningful connections. Students will be selected through an application/interview process. Those selected will be required to participate in both a summer training and a fall overnight retreat that focuses on peer-listening and helping skills. Upon return from the retreat in the fall, mentors will be paired with 9th and 10th grade mentees and meet one-on-one each week throughout the year. These meetings will focus on building connections and general support in navigating the high school experience. We are looking for an eclectic group of students who want to strengthen belonging and faith at Hill-Murray while developing lifelong leadership and relationship skills. Applications will be available during course selection, with final enrollment determined after the selection process. *Required Summer Training and Fall Overnight Retreat

0101 PURPOSEFUL LEADERSHIP

1 Semester Course, 1 Credit total, Elective in grades 9–10

This course is an engaging, skills-based course that helps students explore what it means to live with purpose, resilience, and integrity. Through self-reflection, collaboration, and applied learning, students will learn how to thrive personally and contribute meaningfully to their communities. Through projects, reflective writing, and real-world applications, students will develop practical tools for managing stress, setting goals, making principled decisions, and living out their values. Purposeful Leadership invites students to move beyond academic success toward genuine self-mastery and a meaningful life.

0111 COURAGEOUS LEADERSHIP

1 Semester Course, 1 Credit total, Elective in grades 11–12

This elective course helps students discover what it means to be a courageous and authentic leader. Courageous leadership moves beyond traditional ideas of management to focus on the human skills that make leadership meaningful - empathy, trust, communication, and resilience. Students will learn that courage isn't about being fearless, but about showing vulnerability, taking responsibility, and learning from mistakes. Through hands-on activities, reflection, and teamwork, students will practice building confidence, strengthening relationships, and leading with purpose both in school and in life.

SCIENCE

Offered by the science department, The Health and Medical Sciences Pathway is an opportunity for students interested in science, healthcare, and serving others. Students build a strong foundation through challenging coursework in the life sciences and related fields, while also gaining opportunities for hands-on learning and career exploration. Experiences beyond the classroom may include student organizations, community engagement, and certifications. With support through career-focused programming and college planning, students graduate prepared to pursue future study and careers in health and medical fields, continuing Hill-Murray's tradition of Pioneers entering the profession.

HEALTH AND MEDICAL SCIENCES PATHWAY	
	Both classes required from Block 1
BLOCK 1	Biology or AP Biology <i>Grades 10, 2 semesters</i>
	Chemistry or Honors Chemistry <i>Grades 11-12, 2 semesters</i>
	One of the following from Block 2
BLOCK 2	Anatomy & Physiology or CIS Anatomy & Physiology <i>Grades 11-12, 2 semesters</i>
	Global Online Academy <i>Grades 9-12, 2 semesters</i>
	Physics or CIS Physics <i>Grades 11-12, 2 semesters</i>
	Two of the following from Block 3
BLOCK 3	Biotechnology <i>Grades 11-12, 1 semester</i>
	Forensics 1 <i>Grades 11-12, 1 semester</i>
	Forensics 2 <i>Grades 11-12, 1 semester</i>
	Infectious Disease and Public Health <i>Grades 11-12, 1 semester</i>
	AP Stats <i>Grades 9-12, 2 semesters</i>
	One of the following from Block 4
BLOCK 4	Active member of HOSA for two years
	Field experience in health or medical area 30 hours total
	Successful completion of the Certified Nursing Assistant course
	Internship/Mentorship Experience

0540 EARTH SCIENCE AND ENGINEERING

*Full Year, 1 Credit each semester - 2 Credits total
Required for grade 9*

In this course, students will use techniques from Science and Engineering to explore earth's systems and processes, human impact and sustainability in earth's systems, earth's place in the universe, and weather and climate. Students will engage in authentic investigations and inquiry activities, where they will build models, construct explanations, and argue from evidence. They will also tackle real-world problems that they will solve using the principles of engineering design.

0542 HONORS EARTH SCIENCE AND ENGINEERING

*Full Year, 1 Credit each semester - 2 Credits total
Prerequisite: Teacher recommendation from 8th grade science teacher as well as a personal essay.*

Honors Science and Engineering is designed for students who have high ability and interest in the sciences. Emphasis is placed on student initiative and self-motivation as the students explore earth science and engineering. Students will do this through labs and investigations, inquiry activities, models, constructing explanations and designing solutions, and arguing from evidence. Topics include: earth's systems and processes, human impacts and sustainability in earth's systems, earth's place in the universe, and weather and climate.

0506 BIOLOGY

*Full Year, 1 Credit each semester - 2 Credits total
Required for grade 10*

This full-year course introduces students to the study of life. The focus of the course is to convey the meaning, scope, and excitement of biology and to discuss how it relates to the student's life and interests. Topics include: scientific method, ecology, chemistry of life, cell anatomy and physiology, cell division, genetics, DNA, protein synthesis, evolution and animal systems. Students will gain information through discussions, laboratories, lectures, textbooks, readings, videos, computer programs, projects, and dissections.

0507 AP BIOLOGY

Full Year, 1 Credit each semester - 2 Credits total

Elective in grades 9–10

Prerequisites: Successful completion of 9th grade science (or concurrent enrollment) and AP Biology Teacher recommendation.

AP Biology is a course designed for students who have high ability and interest in the sciences. Emphasis is placed on initiative and self-motivation as branches of biology are explored through many inquiry-based laboratories, discussions, hands-on activities, and projects. Topics include: Cell energetics, ecology, chemistry of life, cell structure and function, cell division, genetics, DNA, protein synthesis, evolution, and animal systems. Students will have a summer assignment and the opportunity to take the AP Biology Exam.

0510 ANATOMY & PHYSIOLOGY

Full Year, 1 Credit each semester - 2 Credits total

Elective in grades 11–12.

Prerequisites: C- or better in both semesters of previous science class and recommendation of current science teacher.

Anatomy and Physiology is a course designed for students who have an interest in exploring the human body systems in-depth. The structure and function of each of the 12 body systems will be explored through lecture, labs, and discussions. Diseases affecting the homeostasis of systems will also be explored. Hands-on experimenting, including several dissections, are required for successful completion of the course.

0509 CIS / HONORS ANATOMY & PHYSIOLOGY

Full Year, 1 Credit each semester - 2 Credits total

Elective in grades 11–12

Prerequisites: Recommendation by Science Department and meets the CIS criteria of successfully completing a rigorous science course. Final selection/registration will be completed in early June.

BIOL 1015 Human Physiology, Technology, and Medical Devices is a freshman-level life-science course that is organized around the core principles of human physiology. This course consists of a classroom component in which students will participate in learning activities, discussion, quizzes, and tests, and a laboratory component where students will conduct investigations, conduct research, and participate in dissections and hands-on activities. Pair and group work, discussion, analytical thinking, and writing are important components of the course. BIOL 1015 surveys the main organ systems of the human body, placing some emphasis on their relationships to normal and abnormal health. Students will learn to identify and locate many anatomical structures and understand how each functions, individually and in cooperation with others, to maintain homeostasis within the human body. Students will learn how medical technologies have transformed medical culture by allowing healthcare professionals to “see inside the box” and thus better comprehend health, disease, and

treatments. Upon completion (and registration at the U of M) the student will receive 4 semester college credits from the U of M-Twin Cities. A tuition fee will be charged for the U of M credits.

0512 CHEMISTRY

Full Year, 1 Credit each semester - 2 Credits total

Elective in grades 11–12

Prerequisite: Enrollment in or successful completion of Algebra 2.

Chemistry is a college preparatory course that provides a solid foundation in the study of matter and its changes. It includes topics in the structure of matter, atomic theory, chemical bonding and behavior, chemical reactions, stoichiometry, calorimetry, phases and phase changes, solutions and equilibrium, and acids and bases. Hands-on activities are used to introduce and/or clarify topics. Laboratory techniques are used to obtain, organize, and analyze data that are used to help demonstrate chemical principles. Conclusions are developed using both qualitative and quantitative procedures. A good foundation in math is valuable.

0514 HONORS CHEMISTRY

Full Year, 1 credit each semester - 2 credits total

Elective in grades 10–12

Prerequisites: successful completion of 10th grade science OR 9th grade honors science, recommendation by science department, and enrolled in or successful completion of Algebra 2 or Honors Precalculus.

Honors Chemistry is a course designed for motivated students who have high ability and interest in the sciences. This college preparatory course exposes students to the process of research design in chemistry concepts, including a focus on scientific communication through writing and presentations. Students develop confidence in science and engineering practices as they probe topics about matter and interactions between particles. Expect a heavy focus on quantitative exploration of topics, the range of precision for measurement estimates, and mathematical representations of chemical phenomena. Topics for the year include: composition of matter, elements, compounds, bonding, periodic trends, reactions kinetics, stoichiometry, solution chemistry, acids and bases, gasses, thermodynamics, intermolecular forces, equilibrium, nuclear, organic chemistry, and material science.

0518 PHYSICS

Full Year, 1 Credit each semester - 2 Credits total

Elective in grades 11–12.

Prerequisite: Successful completion of Algebra 2.

In this full year course, students explore concepts of physics using a qualitative and quantitative approach. Emphasis is placed on laboratory investigations that relate physics to everyday life and problem solving. Topics include: kinematics and dynamics of motion, electricity, magnetism, waves and light. This course is designed for any student interested in science who has completed the basics of trigonometry.

0520 CIS / HONORS PHYSICS

Full Year, 1 Credit each semester - 2 Credits total

Elective in grades 11–12.

Prerequisites: Recommendation of math and science teachers and successful completion of Honors Algebra 2 or Honors

Pre-Calculus; CIS requires that the student be in the top 20% approximately.

This full year college course, Physics 1101W, follows the U of M curriculum and requirements. Upon completion (and registration at the U of M) the student will receive 4 semester Physics credits from the U of M. This course is designed for students who have a strong mathematical background including trigonometry. Emphasis is placed on laboratory investigations, problem-solving, and abstract reasoning. CIS Physics 1101W covers mechanics, which is the kinematics and dynamics of motion. As time allows additional topics may include: electricity, magnetism, waves and/or light. This course is designed for students who have a high science interest, and are planning careers in science or engineering. *A tuition fee will be charged for the U of M credits.*

0530-A ENVIRONMENTAL SCIENCE I: THE SCIENCE OF THE ENVIRONMENT

1 Semester, 1 Credit total, Fall Semester only

Elective in grades 10–12

This semester-long lab-based course is designed to inspire students with the scientific principles, concepts, and methodologies required to understand the interrelationships of the natural world. Students will identify and analyze environmental problems both natural and human-made. Lab work will include fieldwork to gather and then interpret water quality and ecosystem data. Fall Semester will emphasize the science of the environment, but each semester course will address and incorporate both science of the environment and human impact on the environment.

0530-B ENVIRONMENTAL SCIENCE II:

THE HUMAN IMPACT ON THE ENVIRONMENT

1 Semester, 1 Credit total, Spring Semester only

Elective in grades 10–12

This semester-long lab-based course is designed to evaluate the risks associated with ecological problems, both natural and human made. Students will synthesize alternative solutions for resolving and/or preventing these issues. Lab work will include collecting and analyzing pollution and population data. Spring Semester will emphasize the human impact on the environment, but each semester course will address and incorporate both science of the environment and human impact on the environment.

0535 AP ENVIRONMENTAL SCIENCE

Full Year, 1 Credit each semester - 2 Credits total

Elective in grades 10–12.

Prerequisites: Two years of high school laboratory science, including life science and physical science, along with at least one year of algebra.

This course is designed to be taught concurrently with the Regular Environmental Science. Skills that will be learned are explaining environmental concepts and processes, analyzing data, visual representations, and writing, along with analyzing a research study to identify a hypothesis. Students will practice applying quantitative methods in solving problems. Proposing solutions for an environmental problem and supporting their ideas with evidence.

0524 BIOTECHNOLOGY

1 Semester, 1 Credit total, Elective in grades 11–12

Biotechnology is the use of biological processes to solve problems and improve our quality of life. Students will explore, first hand, examples from history of biotechnology including: the fermentation of various foods and beverages such as: root beer, cheese, yogurt, and sauerkraut. The 20th Century led to formulating medicine from molds and plants, selective breeding, and genetically engineered bacteria/fungi, plants, animals, designer vaccines, and human gene therapy, encompassing a rapidly growing field which will continue to impact our lives. This course will introduce various techniques used in biotechnology including: micro pipetting, DNA extraction, electrophoresis, DNA fingerprinting, PCR, culturing bacteria, and testing antibiotics. Additionally, the moral and ethical issues of certain genetic engineering practices will be discussed.

0540 FORENSICS

1 Semester, 1 Credit total, Elective in grades 11–12

Forensic Science is a one-semester science course dealing with the study of physical evidence left at a crime scene. Topics include the agencies involved with offering forensic services, the history of forensic science, processing a crime scene, collecting physical evidence, physical and chemical properties, metric measurement, as well as studying the analysis of fingerprints, hair, fibers, blood, and DNA. Laboratory investigations/ simulations, case studies, and research will be an integral part of this course.

0545 FORENSICS 2

1 Semester, 1 Credit total, Elective in grades 11–12

No prerequisite.

Forensic Science II is a one-semester science course dealing with the study of physical evidence left at a crime scene. Topics include processing a crime scene, collecting physical evidence, physical and chemical properties, metric measurement, as well as the analysis of anthropology, death and decomposition, toxicology, firearms and ballistics, and handwriting, forgery, and ink analysis. In addition to a course-long book study, laboratory investigations/ simulations, case studies, and research will be an integral part of this course.

0546 INFECTIOUS DISEASES AND PUBLIC HEALTH

1 Semester, 1 Credit total, Elective in grades 11–12

Have you ever wanted to be a disease detective? Are you interested in careers involved in preventing disease and promoting health? This course introduces the basic principles and methods of epidemiology, the area of study that focuses on infectious diseases and their spread. This course also introduces career opportunities in the field of public health. Students will complete performance-based, analytic investigations using real-world situations to determine patterns and causes of disease-causing conditions and evaluate methods to prevent disease. Students will focus on the implementation and evaluation of studies designed to increase their understanding of infectious diseases and their effects on public health. Emphasis will be on expanding students' understanding of the scientific methods involved in disease transmission and the development of critical thinking skills. This is a one-semester course.



SOCIAL STUDIES

0406 MODERN WORLD HISTORY 10

*Full Year, 1 Credit each semester - 2 Credits total
Required for Grade 10*

This course is a survey of major civilizations from 1250 to the present, thematically, as well as, chronologically. Considerable emphasis is placed upon recognition of cultural, religious, economic and political interaction and change. A major project requiring research and hypothesis is an integral element of the course.

0417 HONORS MODERN WORLD HISTORY

*Full Year, 1 Credit each semester - 2 Credits total
Elective 10 (fulfills requirement of World History) Acceptance into Honors Modern World History will be based off of the student's previous academic performance and entrance exam.*

This course is a survey of major civilizations from 1250 CE through the present day. Utilizing an advanced text, students will discern social, religious, political, and economic trends through the study of geography, people, societal structure, institutions and events. Students will also develop disciplined reading, note-taking and writing skills. Several papers and presentations will be required throughout the year as well as a major individual research project.

0408 UNITED STATES HISTORY

*Full Year, 1 Credit each semester - 2 Credits total
Required for Grade 11*

This course surveys the development of the United States from the earliest peopling of North America to the 21st century. Historical events will be examined within political, cultural, economic and social framework. Students will explore primary and secondary sources to examine historical events of the past and draw connections to the present. Significant emphasis is placed on how the concepts of freedom, liberty and democracy have changed over time.

0410-A SEM 1 CIS / U.S. HISTORY: AUTHORITY & REBELLION IN AMERICA TO 1865

0410-B SEM 2 CIS / GLOBAL AMERICA: FROM 1865 TO PRESENT

*Full Year, 1 Credit each semester - 2 Credits total
Acceptance into this course requires the recommendation of the student's 10th grade History teacher in accordance with University of Minnesota policies.*

The course is a survey of social and political history in America from the prehistoric era, to the Civil War era (ca. 1865), and from Reconstruction to the modern era. Students will examine how conceptions of freedom, liberty, and democracy have changed over time. To do so, students will take up research in primary

and secondary sources; through class discussion and writing, students will analyze primary sources for value and meaning, and examine interpretation. Students who take this course are expected to be concurrently enrolled in the University of Minnesota's 3-credit HIST 1307 and 1308 courses. *A tuition fee will be charged for the U of M credits.*

0411 HUMAN BEHAVIOR

1 Semester, 1 Credit total, Elective in grades 11–12

This 1-semester Psychology course focuses on Human Behavior. Topics include: human development, personality theories, psychological disorders, and social psychology—including anti-social behavior, criminal behavior and forensics, prejudice and altruism. Evaluations include short investigative papers, hands-on projects, presentations and quizzes. This course combined with Psychology prepares a student to take the AP Psychology exam.

0412 PSYCHOLOGY

1 Semester, 1 Credit total, Elective in grades 11–12

This course is an introduction to the study of Psychology. Units include: Psychology's roots, biology of the brain, states of consciousness, sensation and perception, memory and learning. Evaluations include: experiments, projects, presentations, papers, and testing. This course combined with Human Behavior prepares a student to take the AP Psychology test.

0414 GOVERNMENT & ECONOMICS 12

*Full Year, 1 Credit each semester - 2 Credits total
Required for Grade 12*

This senior-level course is composed of one semester of government and one semester of economics. In the first semester, students will study political theory focusing on the American republican form of government. The class will include a survey of government institutions, processes and policies, and specific emphasis will be placed on the Constitution and the three branches of government. The second semester will introduce students to the fundamental principles of microeconomics and macroeconomics. Students will study the operations of the free market, the roles of business and labor and the financial markets. Students will examine the national economy and the impact of government policies on it.

0409 MINNESOTA STUDIES

1 Semester, 1 Credit total, Elective grades 11–12

This class will take an experiential approach to studying Minnesota's rich history. We will cover the following topics: Dakota & Ojibwe Culture, Land Changing Hands, Growth of Industry, Minnesota's Gangster Era (20's & 30's), and Modern Economic & Political Development. What will make this course exciting is our ability to go and visit the places where this history took place.

0416-A SEM 1 CIS / POLITICAL SCIENCE

0416-B SEM 2 HONORS ECONOMICS

Full Year, 1 Credit each semester - 2 Credits total for Hill-Murray; 4 Credits for University of Minnesota for 1st semester. Acceptance into this course requires the recommendation of the student's 11th grade U.S. History teacher in accordance with University of Minnesota policies.

American Democracy in a Changing World is an introduction to politics and government in the United States, covered during the first semester. There is an emphasis on Constitutional origins and development, policymaking institutions, linkage institutions, and political socialization. Within the course, students will examine various ways of explaining politics and the nature of political science, with a focus on recent trends. Students who take this course are expected to be concurrently enrolled in the University of Minnesota's 4-credit POL 1001 course. The second semester will introduce students to the fundamental principles of microeconomics and macroeconomics. Students will study the operations of the free market, and the roles of business and labor and the financial markets. Students will examine the national economy and the impact of government policies on it. *A tuition fee will be charged for the U of M credits.*

0413 GLOBAL CONFLICTS

1 Semester, 1 Credit total, Elective in grades 11–12

Global Conflicts is an elective course that will survey global conflicts in which the United States has played a role since the end of World War I. The class will seek to provide students with an understanding of current international conflicts by better understanding the historical, military, and political-economic context of the key actors and issues. Students should expect to not only broaden their knowledge base of historical and current conflicts, but also their ability to think critically about decision-making, conflict and conflict resolution.

0425 ECHOES OF TIME: HISTORY THROUGH SONGS

1 Semester, 1 Credit total, Elective in grades 9–12

This course offers a comprehensive exploration of music history by studying key eras and analyzing songs that exemplify the social, cultural, and musical characteristics of each period. Students will gain a deeper understanding of how music reflects and influences historical contexts and societal changes.

0418 WORLD GEOGRAPHY

1 Semester, 1 Credit total, Elective in grades 9–12

This course is an introduction to geography and the study of people, places and the environment from a physical and cultural perspective. Students will use a variety of geographers' tools and methods to analyze patterns and processes that have shaped human understanding, use, and alteration of the Earth. Students will be assessed through collaborative projects and written assignments that demonstrate understanding of human-environment interactions around the globe.

0450 AP HUMAN GEOGRAPHY

1 Semester, 1 Credit Total, Elective in grades 9-12

Students will dive into compelling topics such as the spread of languages and religions, the causes of migration, and the design of modern cities. Through the lens of spatial analysis, learners will examine the political and economic forces that create borders and drive globalization. Students will develop essential critical thinking skills by interpreting maps, charts, and demographic data to solve real-world problems. Ultimately, this course prepares students to become informed global citizens capable of addressing complex challenges, while using the AP framework.

0430 INTRO TO LAW AND CRIMINAL JUSTICE

1 Semester, 1 Credit total, Elective in grades 10–12

The goal of this one-semester elective course is to provide students with a foundational survey of Criminal Justice with a focus on the various processing stages, legal practices, and the criminal justice system. Students will learn about civil and criminal law, their own rights, and the judicial process. Historical and contemporary components of the judicial system, including the police, the courts, and correctional agencies are explored. Students will examine both the effects of crime in communities, as well as the criminal justice system response to crime in our contemporary society. Students will gain hands-on experience with the judicial system, civil rights and liberties, and build skills with dynamic real-world skills.

0445 HONORS PHILOSOPHY

1 Semester, 1 Credit total, Elective in grades 10–12

This course invites students to explore the nature of knowledge and truth through reason, reflection, and human experience. Students will examine essential questions -What is knowledge? Where does it come from? Who owns it? How is it used? All while studying major schools of philosophy that have shaped culture, ethics, and society. Students will develop critical thinking skills and apply philosophical reasoning to real-world challenges. The course encourages thoughtful inquiry, ethical reflection, and a deeper understanding of how the search for truth informs human purpose and community.

THEOLOGY

WILL YOU ANSWER THE CALL TO SERVE?

Being a part of a spiritual community gives students the opportunity to explore and expand their relationship with God in all aspects of their lives, every day.

GROUNDING IN FAITH

Guided by our Benedictine and Lasallian values, we believe faith is defined not only by what we believe, but also by what we do. No matter their background, students are encouraged to use their gifts in service to their community and their world, deepening their faith by working to ensure all people are treated with dignity, respect and compassion.

CATHOLIC IDENTITY

The bedrock of our community is our shared faith. Our vision and values as a Catholic organization are rooted in the traditions of our founders, the Benedictine Sisters, guided by the Rule of St. Benedict, and the Christian Brothers, founded by St. John Baptist De La Salle.

THEOLOGY CURRICULUM

Supported by a combination of academic rigor and spiritual experiences, our curriculum spans every grade. Grounded in the teachings of the Catholic faith, students learn to expand their hearts while engaging their mind. Theology faculty meet students where they are and support them as they learn and grow in their faith.

COMMUNITY SERVICE

Live your faith through your works by serving people in need, assisting in a parish or pitching in at school events. Altogether, Hill-Murray students complete more than 7,000 service hours every year, following the example of Christ to love and embrace the world by sharing ourselves with the people in it.

0102-A SEM 1 THEOLOGY 9: OLD TESTAMENT

1012-B SEM 2 THEOLOGY 9: OLD TESTAMENT

*Full Year, 1 Credit each semester - 2 Credits total
Required for grade 9*

A key outcome of this course is that students will deepen their sense of belonging as a member of the Hill-Murray faith community. Students will learn about the history of Hill-Murray as well as discover the gifts of the Benedictine and Lasallian charisms. After this foundational introduction, the course will focus on the Old Testament. Students will learn how to read the Bible and become familiar with its major sections and themes: Creation and Fall, the Patriarchs, Moses, and the people of Israel wandering in the desert. Learning about the Covenant God had established with human beings throughout the Salvation History, students will be able to discover how the person of Jesus Christ is foreshadowed in the Old Testament.

0103-A SEM 1 THEOLOGY 10: JESUS AND THE GOSPELS

0103-B SEM 2 THEOLOGY 10: THE CHURCH

*Full Year, 1 Credit each semester - 2 Credits total
Required for grade 10*

We will better understand who Jesus is, his ministry and mission, and our call to follow Him. With the Holy Spirit, Bible readings, Church teachings, and the classroom community providing positive support, we will wrestle with the dynamic issues of how we might best live out Jesus' mission. This course examines New Testament readings to understand the growth, nature, and structure of the early Church. We will examine the practice and theology of various Sacraments in playing an integral role in how we experience God's grace. We will learn what it means to be Church- a people called out by God for a special relationship—in our modern times.

JUNIOR & SENIOR THEOLOGY STUDIES

Juniors and Seniors are required to take two credits of Theological Studies. They can choose between two elective courses listed below.

0104 THE HISTORY OF THE CHURCH

*1 Semester, 1 Credit total, Elective for grades 11-12
Offered every other year, 2026-2027*

From Christ to Constantine to the current times, the Church is continuously guided by the Holy Spirit to bring Christ to others around the world. This survey of Church History explores the Early Church and the martyrs, the Crusades and Just War Theory, the Church of the Renaissance and Reformation, and the modern Church after Vatican II. We will recognize how the human and divine aspects of the Church are constantly creating a history of the Faithful.

0148 THEOLOGY AND THE ENVIRONMENT

*1 Semester, 1 Credit total, Elective for grades 11-12
Offered every other year, 2026-2027*

This course will examine the relationship between theology and ecology - humans and the natural world. Students will explore the notion of God as Creator and see how they fit into all of creation. The course will introduce the term integral ecology, explaining how our lives as humans are connected with the well-being of natural environments. Students will understand the tenets of Catholic Social Teaching with a specific focus on Care for Creation through readings of Pope Francis's *Laudato Si* and *Laudato Deum*. This course will call students to pay close attention to climate concerns of today while discussing how God the Creator calls us to respond.

0125 ART, ARCHITECTURE, AND THEOLOGY

*1 Semester, 1 Credit total, Elective for grades 11–12
Offered every other year, 2027–2028*

This course will explore how the human desire to create art reflects our relationship with God. We will explore art and architecture during different periods of the Church's history, learn how math and physics are part of the human genius and creative process, and discover how the Catholic Church's universality is expressed in the art and architecture from cultures all around the world.

0114 CATHOLIC SOCIAL TEACHING

*1 Semester, 1 Credit total Elective for grades 11–12
Offered every other year, 2027–2028*

This course offers students a unique opportunity to explore the principles of justice, compassion, and peace through the lens of the Catholic faith. In this course, students will learn about the Church's call to act in solidarity with the marginalized and work for the common good, drawing from scripture, encyclicals, and key Church teachings. Topics include human dignity, rights and responsibilities, the option for the poor and vulnerable, the dignity of work, and care for God's creation. Through engaging discussions, real-world case studies, and hands-on projects, students will examine how they can respond to social challenges in a way that aligns with Christ's teachings and Catholic values. This course aims to empower students to become thoughtful, responsible leaders who are equipped to make a positive impact in their communities and the world.

0120 WORLD RELIGIONS

1 Semester, 1 Credit total, Elective for grades 11–12

This course will prepare you to appreciate and dialogue about religious differences with your future college roommates, work colleagues, and friends. Explore the rich religious traditions of our Dakota and Ojibwe neighbors. Learn how to interpret Eastern Orthodox Icons and the life and theology of Martin Luther. Listen to guest speakers on Judaism and Islam. Learn how Buddhist's reduce suffering. Learn from student presentations on the Amish, Jehovah's Witnesses, Taoism, Mormonism, and more.

0122 SPIRITUAL AWAKENING

1 Semester, 1 Credit total, Elective for grade 11

The goal of this class is to invite students to explore what it means to engage in their faith so as to make a difference in their lives, as well as the lives of their community. We will intensely explore the topics of happiness, spiritual development and pain/suffering. This is a practical class with many applications that students can put into practice immediately, if they so choose. Students should come with a willingness to look at their lives, their values, their choices and especially their spiritual development.

0140 CHRISTIAN LIVING

1 Semester, 1 Credit total, Elective for grades 11–12

In this course students will explore the three types of vocation and gain a general understanding of what it means to live the Christian life. Students will engage in discussions, projects, and reflections to better understand themselves, to learn more about God's call and to connect their spiritual beliefs with practical aspects of daily life. Course content includes: Vocations, Christian values, talent/gift discernment, ethical living, servant leadership, Universal Call to Holiness and how our faith informs and influences personal and vocational choices.

0110 HONORS INTRODUCTION TO THEOLOGY

1 Semester, This is a dual credit class through Hill-Murray (1 Credit) with an option to enroll in Foundations of Catholic Theology through St Mary's University PACC program (3 college credits with minimal additional cost).

This course will teach and practice theological reflection through frequent classroom discussion. Theological questions include: How do we know Truth? How does our personal experience relate to church teaching? Are faith and science compatible? What is the difference between reason and revelation? What is the nature of humanity, grace, and salvation? Why does suffering exist? What is the relationship between authority and conscience? How does Feminist or Liberation Theology impact our understanding of God and the world?

0112 CHRISTIAN SERVICE LEARNING

1 Semester, 1 Credit total, Prerequisite: permission of CSL instructor. Elective for grade 12 only

This course focuses on the value of community service and Servant Leadership. Students are able to recognize the impact service has on their Christian faith. Each student will be given a service placement where they're required to do 50 minutes of service while at their specific site. Students serve at local Elementary and Middle Schools as their placement three to four times a week. Before beginning, students meet to learn what it means to work with young learners. Throughout their service experience, they will keep journals reflecting on their time at the site. Students are responsible for finding transportation to their site each day.

WORLD LANGUAGE

Students who are new to Hill-Murray will automatically be registered for level 1 of Spanish or French. Students who feel ready to take a higher level of French should contact the French Department for placement. Students who feel ready to take a higher level of Spanish must register for, and take, the Spanish Placement Evaluation to determine whether they do indeed have the necessary foundation in Spanish grammar. Students who qualify for an upper-level language class may take it, schedule permitting.

Note: Please refer to page 5 (College Preparation) regarding World Language recommendations; As a general rule, 2-years of a World Language are a minimum requirement for college entrance. Many colleges and universities require 3 or 4 years of a World Language for college entrance.

0608 FRENCH I

*Full Year, 1 Credit each semester – 2 Credits total
Elective in grades 9–12*

This course is an introduction to the French language. A beginning development of real-life skills is the basis of language learning through reading, writing, speaking and listening, as well as, an introduction to the culture. Main topics include: greetings and introductions, expressing likes and dislikes, describing self and others, shopping for food and clothing, pastimes, sports, hobbies, and future plans.

0610 FRENCH 2

*Full Year, 1 Credit each semester – 2 Credits total
Elective in grades 9–12
Prerequisites: Written approval of French 1 teacher.*

The student's abilities to listen, speak, read and write are further developed in a guided and structured manner. Main topics include: Paris and city life, health and daily routines, holiday and celebrations, and fairy tales. Students are continually infusing French culture into their studies, including presentations of cultural research projects.

0612 FRENCH 3

*Full Year, 1 Credit each semester – 2 Credits total
Elective in grades 9–12
Prerequisite: Written approval of French 2 teacher to continue.*

Students continue to develop real-life skills in the French language. Listening, reading, writing, speaking and cultural awareness are practiced in the context of thematic units such as living in Paris, transportation and travel, the global Francophone world, and the environment.

0656 HONORS FRENCH 4

*Full Year, 1 Credit each semester - 2 Credits total
Elective in grades 9–12*

Prerequisite: Written approval of French 3 teacher.

The subjects covered in this course will provide in-depth practice in all skill areas of the French language: reading, writing, listening, speaking, and culture. At least one research paper will be required each year. Topics may include, but are not limited to: history, authors, artists, cuisine, jobs and careers, music, and the global Francophone world. Special emphasis is placed on preparing students for their college placement exams and courses.

0668 HONORS FRENCH 5

*Full Year, 1 Credit per semester - 2 Credits total
Elective in grades 9–12*

Prerequisite: Written approval of French 4 teacher.

The subjects covered in this course will provide in-depth practice in all skill areas of the French language: reading, writing, listening, speaking, and culture. At least one research paper will be required each year. Special emphasis is placed on preparing students for their college placement exams and courses. Students will be expected to communicate almost exclusively in French.

0624 SPANISH I

*Full Year, 1 Credit each semester - 2 Credits total
Elective in grades 9–12*

This course is an introduction to the Spanish language. A beginning development of real-life skills is the basis of language learning through reading, writing, speaking and listening, as well as an introduction to the culture. Main topics include: greetings and introductions, expressing likes and dislikes, describing self and others, shopping, food, clothing and pastimes.

0626 SPANISH 2

Full Year, 1 Credit each semester - 2 Credits total

Elective in grades 9–12

Prerequisite: In order to ensure that students are prepared for Spanish 2, they must give an adequate demonstration of knowledge on Hill-Murray's placement exam OR must already have passed a full year of Spanish I at Hill-Murray or in an equivalent curriculum.

Students continue to expand on their communication through oral, written, and listening activities. Main topics include: descriptions, house/chores, sports, daily routines/hygiene, restaurant/food and travel. Students also read culturally relevant articles and short stories in Spanish. Vocabulary, grammatical concepts and cultural materials are reinforced.

0628 SPANISH 3

Full Year, 1 Credit each semester - 2 Credits total

Elective 9–12

Prerequisites: C- or better in Spanish 2 and written approval of Spanish 2 teacher.

Students continue to develop real-life skills in the Spanish language. Listening, reading, writing, speaking and cultural awareness are practiced in real-life situations and are supported with culturally relevant materials in Spanish. Grammar and vocabulary are a continued focus, with an increased emphasis on meaning and communication.

0636 HONORS SPANISH 4

Full Year, 1 Credit each semester - 2 Credits total

Elective in grades 9–12

Prerequisite: B- or better in Spanish 3 and written approval of Spanish 3 teacher.

The subjects covered in this course will provide in-depth practice in all skill areas in Spanish: reading, writing, listening, speaking and culture. Special emphasis is placed on preparing students for their college Spanish courses and for real-life situations.

0638 HONORS SPANISH 5

Full Year, 1 Credit each semester - 2 Credits total

Elective in grades 9–12

Prerequisite: B- or better in Spanish 4 and written approval of current Spanish teacher.

The subjects covered in this course will provide in-depth practice in all skill areas of the target language: reading, writing, listening, speaking and culture. Special emphasis is placed on preparing students for their college entrance examinations and for college level Spanish courses, as well as for real-life situations using Spanish. Students will be expected to communicate almost exclusively in the Spanish language.

0640 HONORS SPANISH 5 FOR COLLEGE CREDIT

Full Year, 1 Credit each semester - 2 Credits total

Elective in grades 10–12

Prerequisite: B- or better in Spanish 4 and written approval of current Spanish teacher.

This course is a Huskies in the High School class offered through St. Cloud State University (Spanish 202). The subjects covered in this course will provide in-depth practice in all skill areas of the Spanish language: reading, writing, listening, speaking and culture. Several videos, short writings, as well as a paper and oral presentation will be required. Students will be expected to communicate almost exclusively in the Spanish language. Upon completion of this course, a student may receive 4 college credits. Huskies in the High School offerings provide students courses at Hill-Murray that can concurrently allow them to receive college credit through St. Cloud State University. Students must apply to and be accepted by St. Cloud State to receive credit. There is an extra fee for the students who wish to receive credit.

TEACHER AIDE AND SERVICE LEARNING

0997 TEACHER AIDE

1 Semester or Full year - No Credit, Elective in grades 11-12

Prerequisites: Signature of Instructor and School Counselor, Current semester GPA of 2.0.

By special arrangement with individual teachers, School Counselors, and Principal, students may serve as a Teacher Aide. The student will assist the teacher in a variety of tasks, depending on the needs of the teacher/department. Grading for this course will be on a Pass/ Fail basis (and will not be figured into the GPA) with criteria agreed upon in advance by the instructor and Teacher Aide. Students may register to be a Teacher Aide both semesters. However, this course DOES NOT fulfill the minimum 12 semester credits that students must register for each year nor count toward the 48 required credits for graduation. Therefore, students may NOT be a Teacher Aide and have a Pioneer Period in the same semester.

0959 SERVICE CREDIT - GRADE 9

0950 SERVICE CREDIT - GRADE 10

0951 SERVICE CREDIT - GRADE 11

0952 SERVICE CREDIT - GRADE 12

1 Credit each year, Required grades 9-12

As a Catholic Benedictine and Lasallian school, Hill-Murray School's approach to community service and social justice is grounded in the mission and ministry of Jesus Christ and Church teaching. As a graduation requirement, all students in grades 9-12 must complete a Service Credit during each of their four years at Hill-Murray. Students earn a passing grade for the Service Credit by completing two Service Experiences (with one serving the poor and vulnerable) during the school year or during the previous summer. Service Experiences must be a minimum of one hour in length, not directed at a family member or relative, non-partisan, non-compensated, not for class credit, and completed outside the school day or during two WIN sessions noted as approved service.

The credit DOES NOT fulfill the minimum 12 semester credits that students must register for each year. The credit will be graded Pass/Fail and will not be figured into the GPA.

THEATRE

0843 INTRODUCTION TO THEATRE

1 Semester, 1 Credit total, Elective in grades 9-12

This course is a basic exposure to the elements of the art of theatre and includes: practice in acting through improvisation, imagination, pantomime, exercises, techniques and scenes providing both social and individual development. Students work in groups toward a creative goal and also gain deeper insight into people by studying characterization in numerous plays.

0845 ELEMENTS OF ACTING

1 Semester, 1 Credit total, Elective in grades 11-12

Prerequisite: Introduction to Theatre.

Offered 2026-2027 school year

This course is designed for students who desire an in-depth exploration of acting and will be a forum for application of the techniques and skills learned. These skills will be strengthened and applied through observation of and participation in scene and monologue work. Focus will be placed on basic skills and concepts necessary for creative, truthful and believable performances of selected scenes including: use of voice and body, imagination, relaxation, sense and emotion memory and script analysis.



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