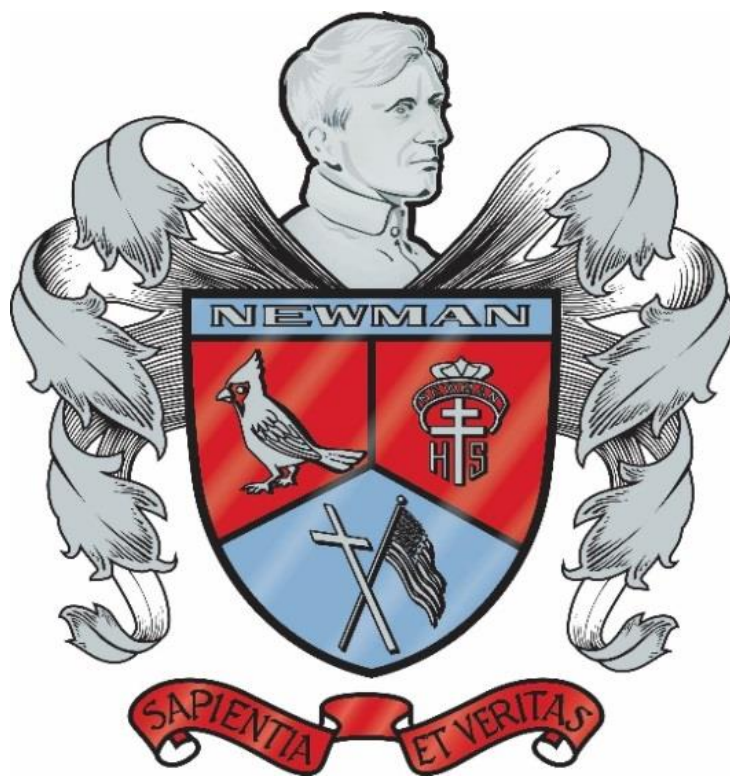


NEWMAN CATHOLIC HIGH SCHOOL COURSE BULLETIN


2024-2025



Newman Catholic Schools fosters disciples of Christ through Catholic faith, service, and academics.

NCHS acknowledges its special role as a Catholic, college preparatory high school learning community, established in 1951. It is named for the 19th century educator and philosopher, Saint John Henry Cardinal Newman. It also acknowledges its special role as the highest level in a 6-12 grade-span combined middle/high school. NCHS strives to help students serve as outstanding role models of Catholic faith, service, academic excellence and school leadership. As per DSP 5101, every Catholic school in the Diocese of La Crosse respects the dignity of each individual and, therefore, will not discriminate on the basis of race, nationality, or sex in regard to enrollment.

Scheduling & Grading

Student Course Load All 9-12 th grade students must be enrolled in a minimum of 7 credits per year (3.5 per semester).	Schedule Changes Students and parents are encouraged to carefully consider course selection prior to signing up and taking courses for the school year. Students may only add or drop a class within the first week of a new semester. A student must continue to carry a minimum of seven (7) credits per year.																								
High School Academic Honor Roll Honor roll is determined two times per year at the conclusion of each semester. An “F” in any course automatically disqualifies a student from any honors. Highest Honors...4.0 – 3.75 High Honors...3.74 – 3.5 Honors...3.49 – 3.25	Withdraw Students who sign up for a full year course are expected to complete both semesters. Exceptions will be handled on an individual basis with the teacher, school counselor, and administration. The administration has final approval. In cases where a year-long course withdrawal is approved, a “W” (withdrawal) designation will appear on the student’s transcript.																								
Grading The grading scale for students in grades 9-12: A...100-92 A-...91-90 B+...89-88 B...87-82 B-...81-80 C+...79-78 C...77-72 C-...71-70 D+...69-68 D...67-62 D-...61-60 F...59 and below																									
Grade Point Average (GPA) GPA is recorded only at semester. The grade point equivalent in computing GPA is as follows: A+...4.0 A...4.0 A-...3.7 B+...3.3 B...3.0 B-...2.7 C+...2.3 C...2.0 C-...1.7 D+...1.3 D...1.0 D-...0.7 F...0																									
	<table border="1"> <thead> <tr> <th colspan="2">Graduation Requirements</th> </tr> </thead> <tbody> <tr> <td>4.0 credits</td> <td>Theology</td> </tr> <tr> <td>4.0 credits</td> <td>English</td> </tr> <tr> <td>3.5 credits</td> <td>Social Studies</td> </tr> <tr> <td>3.0 credits</td> <td>Mathematics</td> </tr> <tr> <td>3.0 credits</td> <td>Science</td> </tr> <tr> <td>1.5 credits</td> <td>Physical Education</td> </tr> <tr> <td>1.0 credit</td> <td>Fine Arts (Art and/or Music)</td> </tr> <tr> <td>0.5 credit</td> <td>Financial Literacy & Digital Citizenship</td> </tr> <tr> <td>0.5 credit</td> <td>Health</td> </tr> <tr> <td>0.5 credit</td> <td>Senior Capstone</td> </tr> <tr> <td>7.5 credits</td> <td>Electives</td> </tr> </tbody> </table>	Graduation Requirements		4.0 credits	Theology	4.0 credits	English	3.5 credits	Social Studies	3.0 credits	Mathematics	3.0 credits	Science	1.5 credits	Physical Education	1.0 credit	Fine Arts (Art and/or Music)	0.5 credit	Financial Literacy & Digital Citizenship	0.5 credit	Health	0.5 credit	Senior Capstone	7.5 credits	Electives
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College-Level Coursework

Newman Catholic High School is pleased to have multiple educational partners that allow us to offer additional learning opportunities and rigor for our students. Students may earn college credit **at NCHS** with these options. Additional opportunities to earn college credit *off-campus* are included at the end of the course bulletin.

	Advanced Placement (AP)	Concurrent Enrollment (CE)
Description	AP courses provide exposure to college level coursework. Success on AP coursework is a good indication of college readiness.	Students earn college and high school credit while taking a high school course. NCHS has partnerships with several colleges. The classes that NCHS offers hold similar expectations, workload, learning activities, and assessments as the college courses. College faculty work with approved high school faculty to ensure that the courses are being taught as they would at the college.
Location	Newman Catholic High School	Newman Catholic High School
Taught by	Newman Catholic High School instructors	Newman Catholic High School instructors
Requirements	Most AP courses have prerequisites. Students who enroll in an AP course are expected to prepare for and take the AP exam in May. Students are able to take an AP exam without taking the course if they feel they can independently prepare for the exam.	Minimum GPA requirements. Instructor approval. Possible prerequisites or placement exams required.
Grades & Credit Opportunity	A student's NCHS grade is based on class performance. The ability for credit transfer is based on the AP exam score. Typically, scores of 3 or above (1-5 scale) are considered passing; however some schools require a score of 4 or 5 for a direct credit transfer.	A student's NCHS grade is based on class performance. Grades are awarded by the college based on the numerical grade provided by the NCHS instructor, according to the college's grading scale. Taking any form of concurrent enrollment begins your official college transcript .
Cost	AP College Board dictates the cost per year.	Cost per credit determined by accrediting institution. (NTC, Viterbo, UWSP)

HS Credit Requirements – College Comparison

Admission requirements fluctuate widely with different opportunities after high school. The chart below gives students an example of what some post-secondary institutions require. As part of their Academic & Career Planning process and prior to selecting courses, students are encouraged to review requirements for the opportunity they wish to pursue.

	NCHS Graduation Requirements	UW Madison Admission Suggestions	Marquette Admission Suggestions	ACT Core Curriculum Recommendation
Theology	4.0 credits			
English	4.0 credits	4.0 credits	4.0 credits	4.0 credits (1 Communication Arts)
Mathematics	3.0 credits	4.0 credits (Algebra, Geometry, Advanced Math)	2.0 – 4.0 credits	3.0 credits (Algebra, Geometry, Advanced Algebra)
Science	3.0 credits	3.0 - 4.0 credits	1.0 – 2.0 credits	3.0 credits (Biology, Chemistry, Physics)
Social Science	3.5 credits	3.0 - 4.0 credits	2.0 – 3.0 credits	3.0 credits
Fine Arts	1.0 credit (any combination of Art, Band and/or Choir)	2.0 credits (fine arts or additional academic)		
Physical Education	1.5 credits (WI requirement) *Act 105 Waiver			
Electives	7.5 credits			
Foreign Language	Strongly encouraged, not required	2.0 credits (single world language)	2.0 credits (single world language)	
Financial Literacy/ Digital Citizenship	0.5 credit			
Health	0.5 credit			
Senior Capstone	0.5 credit			
TOTAL	29.0 credits			

Student High School Course Planning Worksheet

Grade 9	Semester I	Cr.	Semester II	Cr.
	Old Testament & Prayer Life	.5	New Testament & Prayer Life	.5
	English I	.5	English I	.5
	Biology	.5	Biology	.5
	Algebra I , Geometry (<i>Concepts</i>), or Math Concepts	.5	Algebra I, Geometry (<i>Concepts</i>) or Math Concepts	.5
	Geography of the Eastern World	.5	Geography of the Western World or Elective	.5
	PE I or Study Hall	.5	PE I or Study Hall	.5
	<i>Spanish (strongly encouraged)</i> or Elective	.5	<i>Spanish (strongly encouraged)</i> or Elective	.5
	Fine Arts or Elective	.5	Fine Arts or Elective	.5
	Total		Total	
Grade 10	Semester I	Cr.	Semester II	Cr.
	Creed	.5	Church History	.5
	English II	.5	English II	.5
	World History	.5	World History	.5
	Math	.5	Math	.5
	Chemistry or General Chemistry	.5	Chemistry or Intro to Engineering	.5
	PE II	.5	Financial Literacy and Digital Citizenship	.5
	<i>Spanish (strongly encouraged)</i> or elective	.5	<i>Spanish (strongly encouraged)</i> or elective	.5
	<i>Study hall or elective</i>		<i>Study hall or elective</i>	
	Total		Total	
Grade 11	Semester I	Cr.	Semester II	Cr.
	Sacraments	.5	Moral Theology & Theology of the Body	.5
	English III or Advanced Placement Course	.5	English III or Advanced Placement Course	.5
	US History	.5	US History or AP U.S. History I	.5
	Math	.5	Math	.5
	Science	.5	Science	.5
	Personal Fitness/ <i>or elective if varsity sport player</i>	.5	Elective	.5
	<i>Spanish (encouraged)</i> or elective	.5	<i>Spanish (encouraged)</i> or elective	.5
	<i>Study hall or elective</i>		<i>Study hall or elective</i>	
	Total		Total	
Grade 12	Semester I	Cr.	Semester II	Cr.
	Social Justice	.5	Christian Vocation	.5
	English IV or Advanced Placement Course	.5	English IV or Advanced Placement Course	.5
	AP US History II or History Elective	.5	Elective	.5
	Government	.5	Elective	.5
	<i>Math</i> or elective	.5	<i>Math</i> or elective	.5
	<i>Science</i> or elective	.5	<i>Science</i> or elective	.5
	Elective	.5	Elective	.5
	<i>Study hall or elective</i>		<i>Study hall or elective</i>	
	Total		Total	

Student schedules must have at least 3.5 credits per semester. One study hall is permitted, which has 0 credits. Courses in italics are NOT REQUIRED.

Course Offerings			
Course Name	Grades	Credit	Semester/Year
ART			
Ceramics, Advanced Ceramics	10, 11, 12	0.5	semester
Design	9, 10, 11, 12	0.5	semester
Digital Arts	9, 10, 11, 12	0.5	semester
Drawing & Painting	9, 10, 11, 12	0.5	semester
Graphic Design	10, 11, 12	0.5	semester
Mixed Media	9, 10, 11, 12	0.5	semester
BUSINESS & TECHNOLOGY			
Accounting	10, 11, 12	0.5	semester
Business & Our Global Economy	10, 11, 12	0.5	semester
Career Exploration and Employability Skills	9, 10, 11, 12	0.5	semester
Financial Literacy and Digital Citizenship (Required)	10,	0.5	semester
Google Apps – Independent Lab	10, 11, 12	0.5	semester
Introduction to Business Law	11, 12	0.5	semester
IT Fundamentals (Instructor approval)	11, 12	0.5	semester
Marketing Essentials	10, 11, 12	0.5	semester
ENGLISH			
English I: Introduction to Literary Analysis & Academic Comp.	9	1.0	year
English II: Introduction to World Literature & Composition	10	1.0	year
AP English Language & Composition <i>(Offered 2024-2025)</i>	11 12	1.0	year
AP English Literature & Composition <i>(Offered 2025-2026)</i>	11 12	1.0	year
English III Argument, Research and Oral Communications	11	1.0	year
English IV Heroes, Mythology & Advanced Composition	12	1.0	year
Elective - Publication Design and Multimedia (Instructor approval)	11, 12	0.5 - 1.0	semester/year
Elective - Journalism and Broadcasting (Instructor approval)	11, 12	0.5 - 1.0	semester/year
FAMILY & CONSUMER EDUCATION (F.A.C.E)			
Adulting 101	11, 12	0.5	semester
Child Development Dual Credits - NTC	10, 11, 12	0.5	semester
Foods I	9, 10, 11, 12	0.5	semester
Lifetime Nutrition and Wellness <i>(Females Only)</i>	11, 12	0.5	semester
World Foods	10, 11, 12	0.5	semester
FOREIGN LANGUAGE			
Spanish I	9, 10, 11, 12	1.0	year
Spanish II	9, 10, 11, 12	1.0	year
Spanish III	10, 11, 12	1.0	year
Spanish IV	11, 12	1.0	year
Spanish Conversations	12	0.5	semester
MATHEMATICS			
Algebra I	9, 10	1.0	year
Algebra Concepts (Teacher Recommendation)	9, 10	1.0	year
Geometry	9, 10, 11	1.0	year
Geometry Concepts (Teacher Recommendation)	9, 10, 11	1.0	year
Algebra II	10, 11, 12	1.0	year
Math Modeling and Problem Solving	10, 11, 12	0.5	semester
Math Concepts (Teacher Recommendation)	9	1.0	year
Pre-Calculus	11, 12	1.0	year
AP Calculus AB	11, 12	1.0	year
AP Statistics	11, 12	1.0	year
Trigonometry (Pre-Requisite Geometry or Geometry Concepts)	10, 11, 12	0.5	semester
Intro to Probability and Statistics	10, 11, 12	0.5	semester

MUSIC INSTRUMENTAL			
Concert Band	9, 10, 11, 12	1.0	year
Jazz Ensemble	9, 10, 11, 12	0.75	year
MUSIC VOCAL			
Concert Choir	9, 10, 11, 12	1.0	year
PHYSICAL EDUCATION			
Physical Education I	9, 10	0.5	semester
Physical Education II	10, 11	0.5	semester
Personal Fitness	10, 11, 12	0.5	semester
Lifetime Sports	11, 12	0.5	semester
SCIENCE			
Biology	9	1.0	year
College Level Biology (UWSP credits or AP available)	11, 12	1.0	year
Body, Structure, & Function I Dual Credits - NTC	11, 12	0.5	semester
Body, Structure, & Function II Dual Credits - NTC	11, 12	0.5	semester
Chemistry I	10, 11, 12	1.0	year
General Chemistry	10, 11, 12	0.5	semester
Environmental Science	11, 12	1.0	year
Intro to Engineering	10, 11, 12	0.5	semester
Plant Biology	11, 12	0.5	semester
College Chemistry	11, 12	1.0	year
College Physics	12	1.0	year
SENIOR CAPSTONE			
Senior Capstone (<i>completion earns credit</i>)	12	0.5	semester
SOCIAL STUDIES			
Geography of the Eastern Hemisphere	9	0.5	semester
Geography of the Western Hemisphere	9, 10, 11, 12	0.5	semester
World History	10	1.0	year
United States History Survey	11	1.0	year
AP US History I	11	0.5	semester
AP US History II	12	1.0	year
Government	12	0.5	semester
Current Affairs Seminar	11, 12	0.5	semester
History Seminar	10, 11, 12	0.5	semester
Comparative Politics (Instructor approval) UWSP credits	11, 12	0.5	semester
Psychology	11, 12	0.5	semester
THEOLOGY			
Old Testament / Prayer Life	9	0.5	semester
New Testament / Prayer Life	9	0.5	semester
Creed	10	0.5	semester
Church History	10	0.5	semester
Sacraments	11	0.5	semester
Moral Theology / Theology of the Body	11	0.5	semester
Social Justice	12	0.5	semester
Christian Vocation	12	0.5	semester
Apologetics	10, 11, 12	0.5	semester
OTHER OPPORTUNITIES FOR HIGH SCHOOL CREDIT			
Virtual School high school courses	10, 11, 12	0.5 - 1.0	semester/year
Youth Apprenticeship (through NTC)	11, 12	1.0	year
Start College Now (SCN) at NTC	11, 12	0.5 – 1.0	Semester/year
Teaching Assistant	12	0.25	semester

ART (1.0 Credit of art and/or music required for graduation)

CERAMICS (Advanced)

CREDIT: 0.5
 GRADES: 10, 11, 12
 PREREQUISITE: Design
Class Limit: 12

In this course students will learn about the stages of clay as it is made, wedged, shaped, dried, glazed and fired. Hand-building techniques such as pinch pottery, coil, and slab construction are stressed. Students will learn beginning techniques of using the wheel. Students will create at least one project using each technique.

DESIGN

CREDIT: 0.5
 GRADES: 9, 10, 11, 12

Good art reflects good design. A study of design can help you appreciate what visual art is, why it is made, what it is made of, how to interpret its meaning and evaluate its composition and quality. You do not have to be a good artist to take Design but should take Design if you want to be a better artist. In this course, students learn about the basics of visual art, the history of art and how to apply these to their work to improve their compositions and drawing ability. A variety of media and techniques are explored.

DIGITAL ARTS

CREDIT: 0.5
 GRADES: 9, 10, 11, 12

This course will teach you to look at the world differently – to break images down artistically. This course is a combination of photography, Photoshop and stop motion animation. This class is designed to provide an introduction to the basic tools of Photoshop, with an emphasis on how artists use this software. Students will be taught to look at everyday objects to find art in them. We will have “shooting” days where you will be expected to take a number of photos to learn new ways to frame a subject and improve the aesthetics of your photos. Students will then learn the basics of Photoshop to manipulate images to create digital art. Students will be exposed to stop motion studio and all the components that go into creating a short digital stop motion movie. **Students must have a phone or iPad that they can use to take pictures with.**

DRAWING & PAINTING

CREDIT: 0.5
 GRADES: 9, 10, 11, 12
 PREREQUISITE: Design

This practical course will expand on techniques learned in Design as they apply to Drawing and Painting. A variety of tools and surfaces will be explored with projects centering on various subjects including still life, landscape, portraiture and fantasy. Students will also gain a greater understanding of how painting styles have changed throughout history by applying different styles to their own paintings. Students will learn styles and techniques used by the Masters. A variety of media and techniques will be used.

GRAPHIC DESIGN

CREDIT: 0.5
 GRADES: 10, 11, 12

Suppose you want to announce or sell something, inform or persuade someone, in other words, you have a message you want to communicate. That’s verbal communication. When you make a poster; type a letter; create a business logo, a magazine ad, or design packaging; — you are using a form of visual communication called graphic design. Graphic design is the craft of creating visual content to communicate messages. In this course you will learn the beginning stages of graphic design. This will be a project-based curriculum using traditional methods as well as Adobe Photoshop and Illustrator.

MIXED MEDIA

CREDIT: 0.5
 GRADES: 9, 10, 11, 12
 PREREQUISITE: Design

This is an advanced course that uses the skills you learned in Design. This course focuses on the exploration and combination of different artistic mediums. Students will learn and are asked to demonstrate their understanding of the principles of design (unity/variety, balance, emphasis, contrast, rhythm, repetition, proportion/scale, figure/ground relationship) as they relate to and are articulated through the visual elements of design (shape, value, color, form, space, line, texture). During this course, they will also learn to use a variety of media, materials, and techniques through many approaches, including, but not limited to: clay, sculpture, glass mosaics, plaster, printmaking, and fabric/fiber arts. Students will work from memory, and imagination to create work that is original.

BUSINESS & TECHNOLOGY

(Financial Literacy and Digital Citizenship required for graduation)

ACCOUNTING

CREDIT: 0.5
GRADE LEVEL: 10, 11, 12

Accounting provides an understanding of the basic elements and concepts of double entry accounting. Students who plan to major in business in college are highly encouraged to take this course. Topics covered include the accounting equation, the accounting cycle, journal entries, posting to different ledgers, and end-of-period fiscal reports. Students will also learn how to analyze and interpret information for both a service business organized as a proprietorship and a merchandising business organized as a corporation. Students are given working papers to accompany the textbook as well as the use of Automated Accounting software and simulations. We also play Monopoly (accounting style) to apply the skills we have learned.

BUSINESS & OUR GLOBAL ECONOMY

CREDIT: 0.5
GRADE LEVEL: 10, 11, 12

Business and Our Global Economy will introduce students to the exciting and challenging world of business. Whether they are thinking about a career in the medical field or becoming an engineer; business and the economy is involved in every job. Through classroom discussion, our textbook and team projects; students will prepare to be knowledgeable consumers, well-prepared, employees and effective citizens in our economy. We will have guest speakers and “play” the stockmarketgame.com. In addition, we will work with Junior Achievement as teams with a computerized business simulation program to have some friendly competition in class. This course will serve as a background for other business courses and is recommended for students interested in majoring in business.

MARKETING ESSENTIALS

CREDIT: 0.5
GRADE LEVEL: 10, 11, 12

This course is perfect for all students who want to learn more about business and marketing. The course explores the 4 P's of marketing, developing a marketing plan, distribution channels, consumer behavior, promotions/campaigns, market research, selling and public relations. Students participate in hands-on projects, business simulation software, gain insight from guest speakers, and learn about careers in the field of marketing. If you are interested in majoring in business in college, you will want to spend a semester in marketing.

CAREER EXPLORATION AND EMPLOYABILITY SKILLS

CREDIT: 0.5
GRADE LEVEL: 9, 10, 11, 12

This is an exploratory course that helps students identify their skills and interests while also providing direction towards possible career choices within the sixteen career clusters. This course will help students develop personal learning plans/career learning plans through experiential learning, activities, real-world applications and project-based learning. This course will supplement and enhance career exploration lessons in Xello, and allow students dedicated time for personal career development.

GOOGLE APPS - INDEPENDENT LAB

CREDIT: 0.5
GRADE LEVEL: 10, 11, 12

Do you want to be more efficient while working online with your school work? If you enjoy working on your own and are self-motivated, this is a project-based course where students work independently in the lab while using “Learn-by-Doing: Google Docs” online program through iAcademy.com. School and workplace themes are used to introduce students to the power of Google's productivity apps, including Docs, Sheets, Slides, Drawing and Forms. Timeframes/deadlines will be established for each unit to ensure the outline can be completed by the end of the semester. Weekly check-ins with student and teacher will be scheduled to discuss any questions and confirm deadlines for the upcoming week.

FINANCIAL LITERACY AND DIGITAL CITIZENSHIP

CREDIT: 0.5
GRADE LEVEL: 10

This semester course is designed to empower the student with practical knowledge in the areas of personal finance (12 weeks) and digital citizenship (6 weeks). Through online and in-class activities, projects and assessments, students will study the following financial topics: Career, Taxes, Checking, Saving, Paying for College, Types of Credit, Managing Credit, Investing, Insurance, and Budgeting. In the later part of the semester, students will develop a greater understanding of digital citizenship. A digital citizen refers to a person who has the knowledge and skills to effectively use digital technologies to communicate with others, participate in society and create and consume digital content. Digital citizenship is about confident and positive engagement with digital technologies. It goes beyond basic “online safety.” Nine main elements will be covered: Digital Access, Digital Communication, Digital Commerce, Digital Etiquette, Digital Health & Wellness, Digital Law, Digital Literacy, Digital Rights & Responsibilities, and Digital Security (Self-Protection).

INTRO TO BUSINESS LAW CREDIT: .05 GRADE LEVEL: 11, 12 This course is designed to acquaint students with the American legal system, basic legal principles and how laws influence the function of a business. Ethics, business laws, consumer protection, contracts, law of torts and the differences between criminal & civil law are all areas of study. This course would be beneficial for those learners interested in business or law.	IT FUNDAMENTALS CREDIT: .05 GRADE LEVEL: 11, 12 PREREQUISITE: Instructor approval This course provides students with a strong foundation in IT concepts and skills, essential for success in the IT industry. It is preparatory designed for the IT Fundamentals Plus (ITF+) certification exam (FC0-U61) from CompTIA. The exam covers a range of topics in IT, including IT concepts and terminology, infrastructure, application and software, software development concepts, database fundamentals, and security.
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ENGLISH (4.0 credits required for graduation)

ENGLISH I: INTRO TO LITERARY ANALYSIS AND COMP CREDIT: 1.0 GRADE LEVEL: 9 English I is an introductory course that lays a foundation of skills for students to build upon in future high school and college courses. English I is an introduction to the study of literature, with an emphasis on critical reading and composition skills. Through the study of literature, students critically analyze the text and examine each author's purpose in the context of the time period. English I introduces and strengthens each student's knowledge of, and skill in: literary analysis, close reading, expository essay writing, creative writing, timed writing, discussion group skills, and dramatic interpretation. Students in English I are introduced to rhetoric and civil discourse and practice utilizing these skills in written and oral communication, strengthening their skills in vocabulary, grammar, and standard English usage.	ENGLISH II: WORLD LIT AND INTERMEDIATE COMP CREDIT: 1.0 GRADE LEVEL: 10 English II advances students' skills in academic composition, critical thinking, and literary analysis skills to prepare students for college level academic studies and real world applications. English II focuses on a variety of literature from around the world, often, paralleling the content of students' 10th grade World History course. Students read and respond to various historically or culturally significant works of literature, by examining diverse cultures, writing styles, language differences, historical contexts, and philosophical contexts. Academic writing instruction progresses in English II and is focused on clear, organized, analytical, and technically proficient prose with the development of the skill of presenting that information both verbally and in writing. Writing assessments also focus on persuasion and the engagement of rhetorical language. This course will reinforce vocabulary, grammar, composition, research skills, and standard English usage.
ENGLISH III: ARGUMENT, RESEARCH, & ORAL COMMUNICATION CREDIT: 1.0 GRADE LEVEL: 11 This course focuses on the pre-writing and research stages of the project, emphasizing key components such as finding and selecting a topic, evaluating sources, taking notes, organizing ideas, writing a research proposal, developing a research question, formulating a thesis statement, and creating an outline. The course emphasizes ethical research practices and academic integrity, incorporating lectures, discussions, hands-on activities, and assignments. By the end of the course, students will have the foundation and skills necessary to succeed in college-level research and begin their senior capstone project. The course also focuses on students' oral communication skills through the study and practice of public speaking, interpersonal communication, and group communication.	ENGLISH IV: HEROES, MYTHOLOGY, & ADVANCED COMPOSITION CREDIT: 1.0 GRADE LEVEL: 12 Through the lens of literary analysis and advanced writing techniques, students will explore the intricate connections in selected literature while sharpening their skills in academic composition. Students will refine their abilities to articulate complex ideas and defend their interpretations using evidence from primary texts and scholarly sources. Through writing processes and collaborative discussions, students will cultivate their critical thinking skills and develop a nuanced understanding of the intersections between literature, myth, and academic discourse. By the end of the course, students will emerge as proficient writers and scholars, equipped to navigate the complexities of literary analysis with confidence and insight.

<p>ADVANCED PLACEMENT LANGUAGE & COMP</p> <p>CREDIT: 1.0</p> <p>GRADE LEVEL: 11, 12</p> <p>PREREQUISITE: English II (B+ or higher) & Instructor Approval</p> <p>SUMMER REQUIREMENT: Completion of summer reading/writing assignments</p> <p>AP English Language focuses on rhetoric. Students will study language as a persuasive tool and examine the integral relationships of writer, context, audience, and argument. The course focuses primarily on nonfiction works. Techniques of diction, syntax, imagery, and tone are studied in order to better understand the nature of argumentation. Students should be able to read complex texts with understanding and write in a manner that explores ideas, reconsiders strategies, and emphasizes revision of drafts. Students will write formally and informally through revised essays, journals, collaborative writing, and in-class responses as well as produce expository and argumentative compositions that introduce complex ideas developed through cogent and sustained reasoning.</p>	<p>ADVANCED PLACEMENT LITERATURE & COMP</p> <p>CREDIT: 1.0</p> <p>GRADE LEVEL: 11, 12</p> <p>PREREQUISITE: B+ or higher in AP Lang & Instructor Approval</p> <p>SUMMER REQUIREMENTS: Completion of summer reading/writing assignments</p> <p>An advanced course designed to challenge high school students with college-level coursework. Will provide students with a broad overview of English literature, including poetry, prose, and drama, and to help them develop critical thinking and analytical skills. The course is organized around themes and literary movements, and students will engage with a variety of texts from different historical periods and cultural contexts. Students will be expected to read a significant amount of material independently, participate in class discussions, and complete frequent writing assignments that demonstrate their understanding of the texts. Throughout the course, students will develop their abilities to analyze and interpret literary works, identify literary techniques, and write clearly and persuasively about their insights. The course culminates in an exam that can advance college placement in English by assessing students' mastery of the material and their ability to write clear, well-supported essays.</p>
<p>PUBLICATIONS – YEARBOOK STAFF</p> <p>CREDIT: 0.5 – 1.0</p> <p>GRADE LEVEL: 11, 12</p> <p>PREREQUISITE: Instructor approval</p> <p>This course focuses on several aspects of the publication of The Cardinal, the annual yearbook of Newman Catholic High School, which will include: digital design, photography and the marketing and business aspect. Students work on publishing the school yearbook. Students will gain experience in writing, desktop publishing, computer graphics and photography, along with artistic components of design and layout. Opportunities for editor positions are a great resume builder.</p>	<p>JOURNALISM AND BROADCASTING</p> <p>CREDIT: 0.5 - 1.0</p> <p>GRADE LEVEL: 10, 11, 12</p> <p>PREREQUISITE: Instructor approval</p> <p>This is a hands-on course covering print and broadcast journalism. Print journalism places students in the role of writers, editors, and producers of <i>The Red Hat</i>, the student newspaper of NCHS. This course covers reporting, news story editing, ethical/legal issues for student newspapers, photography/photo editing, formatting, layout and design. Broadcasting includes the basic elements of broadcast journalism and video production. Students will produce <i>Newman News</i>, the school's video news broadcast with an emphasis on news-gathering, writing, video recording, editing, and the study of mass media. Students will reinforce their understanding of the basic elements of news value and vocabulary specific to broadcast writing, while exploring their creative talents in the world of digital video and television production.</p>

FAMILY & CONSUMER EDUCATION (F.A.C.E.)

ADULTING 101

CREDIT: 0.5
GRADE LEVEL: 11, 12

This course is designed to give students the tools they need in developing life skills for functioning competently now, and in the future. Topics include, but are not limited to: cooking, laundry, careers, budgeting, goal setting and communication. This class will also give students independent study time once or twice weekly.

CHILD DEVELOPMENT – NTC credits available

CREDIT: 0.5
GRADE LEVEL: 10, 11, 12

This three-credit college course examines child development within the context of the early childhood education setting. Course competencies include: analyze social, cultural and economic influences on child development; summarize child development theories; analyze development of children age three through age eight, summarize the methods and designs of child development research, analyze the role of heredity and the environment and examine the role of brain development in early learning (ages three through eight). **\$25 book fee**

FOODS I

CREDIT: 0.5
GRADE LEVEL: 9, 10, 11, 12

This course is designed as an exploratory into food preparation. Students are introduced to food safety and sanitation as they learn to prepare some basic dishes. The students will learn cooking techniques and apply knowledge learned by experimenting and evaluating their products.

Allergy Warning: Potential high risk contact

Food prepared in these classes may contain the following ingredients: milk, eggs, wheat, peanuts, tree nuts and shellfish.

LIFETIME NUTRITION AND WELLNESS

CREDIT: 0.5
GRADE LEVEL: 11, 12
PREREQUISITE: Females only

This course will focus on female health and wellness through 5 core principles: Lifestyle, Exercise, Attitude and Nutrition. (L.E.A.N.) Students will understand the role of nutrients in the body and will demonstrate knowledge of nutritionally balanced diets. Through exercise we will learn and feel the mental and physical benefits. Students will learn how one's Attitude plays an important role in mental health and body image. Required: Walking shoes, Pedometer/step tracker, 3lb-5lb hand weights, Yoga mat

WORLD FOODS

CREDIT: 0.5
GRADE LEVEL: 10, 11, 12
PREREQUISITE: Foods I

All aboard! Come take a culinary foods trip as we explore cuisine and dining from all over the world. Countries visited will include, but not limited to: Asia, India, Mexico, Germany and France.

Allergy Warning: Potential high risk contact

Food prepared in these classes may contain the following ingredients: milk, eggs, wheat, peanuts, tree nuts and shellfish.

FOREIGN LANGUAGE (2+ years recommended for most colleges)

SPANISH I

CREDIT: 1.0
GRADE LEVEL: 9, 10, 11, 12

Spanish I is the first in a sequence of courses offered to guide the student to a determined proficiency in listening, reading, writing & speaking the language. In the first year, emphasis is placed on using the active vocabulary in a functional, communicative context. It's an ongoing goal of the sequence that the student learns to appreciate the diversity of Hispanic culture.

SPANISH II

CREDIT: 1.0
GRADE LEVEL: 9, 10, 11, 12
PREREQUISITE: Spanish I

Spanish II continues the emphasis on mastery of the essential skills with proficiency as the goal. Building vocabulary and learning grammar are components of this course. The emphasis is on proficiency in communication about everyday topics. Hispanic culture is studied throughout the year.

SPANISH III CREDIT: 1.0 GRADE LEVEL: 10, 11, 12 PREREQUISITE: Spanish II Spanish III continues the sequence of developing skills in listening, reading, writing and speaking. Cultural study and more complex grammatical work are pursued. Communication in functional contexts remains a most important goal.	SPANISH IV CREDIT: 1.0 GRADE LEVEL: 11, 12 PREREQUISITE: Spanish III Spanish IV works toward a refinement of the basic skills and competencies accomplished in Spanish I, II and III. The students work toward acquiring useful vocabulary as they use what they learn in contextual situations. There is a stronger emphasis on composition and original pieces of literature. Oral quizzes are an added component and students are expected to communicate in Spanish during the class.
SPANISH CONVERSATIONS CREDIT: 0.5 GRADE LEVEL: 12 Proficiency in all disciplines; speaking, listening comprehension, reading, and writing at an advanced level are the goals of Spanish Conversations. Students work toward acquiring useful vocabulary for contextual situations. Students are expected to communicate entirely in Spanish during the class. Grammar and vocabulary building are also stressed in preparation for the College Placement Exam, which all students are encouraged to take upon completion of this course.	

MATHEMATICS (3.0 credits required for graduation)

ALGEBRA I CREDIT: 1.0 GRADE LEVEL: 9, 10 PREREQUISITE: 8 th Grade Math This is a full year course in traditional introductory Algebra emphasizing both theory and application. This course satisfies the algebra requirements for college admissions and for the study of Geometry, Algebra II, and Pre-Calculus college-preparatory sequence. <i>A scientific calculator is required.</i>	ALGEBRA II CREDIT: 1.0 GRADE LEVEL: 10, 11, 12 PREREQUISITE: Algebra I, Geometry Algebra II reviews and expands topics covered in Algebra I. This course will also explore radical expressions, quadratic functions, polynomial functions, matrices, and basic trigonometry. <i>A scientific calculator is required. A TI-83 or TI-84 calculator is recommended.</i>
GEOMETRY CREDIT: 1.0 GRADE LEVEL: 9, 10, 11 PREREQUISITE: Algebra I Geometry is a course in traditional Euclidean geometry. Principles of inductive and deductive reasoning are studied as well as properties of traditional plane figures. This course is required for, or can be taken concurrently with, Algebra II. <i>A scientific calculator is required.</i>	PRE-CALCULUS CREDIT: 1.0 GRADE LEVEL: 11, 12 PREREQUISITE: Algebra II (C or higher) Pre-Calculus focuses on mathematical modeling including linear, quadratic, exponential, logarithmic, and trigonometric models. Students will be exposed to parametric and polar form along with conic sections, vectors and matrices. They will also be introduced to the basics of calculus. <i>TI 83 or 84+ graphing calculator required.</i>

GEOMETRY CONCEPTS CREDIT: 1.0 GRADE LEVEL: 9, 10, 11 PREREQUISITE: Algebra Concepts or Teacher Recommendation Geometry Concepts is a course in traditional Euclidean geometry and is similar to Geometry but with very limited study of proofs. By teacher recommendation only. <i>A scientific calculator is required.</i>	TRIGONOMETRY CREDIT: 0.5 GRADE LEVEL: 10, 11, 12 PREREQUISITE: Geometry or Geometry Concepts Trigonometry is a semester course designed to cover the breath and depth of all trigonometric topics such as right triangle trigonometry, Law of Sine and Cosines, trigonometric identities and unit circle, and trigonometric graphing. Can be taken concurrently with Algebra II or higher. <i>A scientific calculator is required.</i>
ALGEBRA CONCEPTS CREDIT: 1.0 GRADE LEVEL: 9, 10 PREREQUISITE: Math Concepts This is a full year course in introductory Algebra emphasizing both theory and application. This course will include topics such as linear and quadratic equations, absolute value functions, and inequalities. <i>A scientific calculator is recommended.</i>	INTRODUCTION TO PROBABILITY AND STATISTICS CREDIT: 0.5 GRADE LEVEL: 10, 11, 12 PREREQUISITE: Geometry or Geometry Concepts This course will cover topics in probability and introductory statistics. Can be taken concurrently with algebra II or higher, but not AP Statistics or after AP Statistics. <i>A scientific calculator is recommended.</i>
MATH MODELING AND PROBLEM-SOLVING CREDIT: 0.5 GRADE LEVEL: 10, 11, 12 PREREQUISITE: Geometry or Geometry Concepts This course will explore how math can be used to model real-world topics such as motion and velocity, area and volume, and rates of change. This course will also explore different problem-solving methods.	MATH CONCEPTS CREDIT: 1.0 GRADE LEVEL: 9 PREREQUISITE: Teacher Recommendation This course will work on strengthening core mathematics skills to better prepare students for success in future mathematics courses and in life. Topics will include the real number system, graphing in Cartesian coordinates, fractions, percentages, basic probability and statistics, and other applied math concepts.
AP CALCULUS AB CREDIT: 1.0 GRADE LEVEL: 11, 12 PREREQUISITE: Pre-Calculus (B or higher) Instructor Approval This course will follow the curriculum set forth by the College Board to prepare students to attempt the Advanced Placement Calculus AB exam. This course is college level and covers typical Calculus 1 and an introduction to Calculus 2 and Differential Equations. Students may receive undergraduate credit at most universities in the United States by attaining a satisfactory grade on the AP Calculus exam offered every May. <i>TI 83 or TI 84+ graphing calculator required.</i>	AP STATISTICS CREDIT: 1.0 GRADE LEVEL: 11, 12 PREREQUISITES: Algebra II (C or higher) This course will follow the curriculum set forth by the College Board to prepare students to attempt the Advanced Placement Statistics exam. This course is college level in rigor and covers all basic statistics in exploring data, sampling and experimentation, anticipating patterns, and statistical inference. Students may receive undergraduate credit at most universities in the United States by attaining a satisfactory grade on the AP Statistics exam offered every May. <i>TI 83 or TI 84+ graphing calculator required.</i>

MUSIC (1.0 credit of art and/or music required for graduation)

CONCERT BAND

CREDIT: 1.0
 GRADE LEVEL: 9, 10, 11, 12
 PREREQUISITE: Previous Instrumental Experience

The purpose of Concert Band is to develop a student's knowledge of the craft and the art of music through creative experiences in a performing ensemble. Members of the Concert Band perform many times during the school year including concerts and large group festivals, Labor Day parade, pep band events, Solo & Ensemble Festival, and Graduation. Participation in Marching Band and Pep Band is a course requirement. Students will have opportunities for individual instruction throughout the year.

JAZZ ENSEMBLE

CREDIT: 0.75
 GRADE LEVEL: 9, 10, 11, 12
 PREREQUISITE: Audition & Consent of Director

Jazz Ensemble is provided as an opportunity for students to learn about this American musical style. The course includes learning to play in several different styles and includes an introduction to improvisation. The director may limit enrollment based on instrumentation. Jazz Ensemble is a year-long course and meets **two days per week after school**.

CONCERT CHOIR

CREDIT: 1.0
 GRADE LEVEL: 9, 10, 11, 12

Concert Choir is designed to develop good singing techniques and a basic knowledge of music fundamentals. Basic vocal pitch matching is required. Exploration of various musical styles and periods is part of the course. The concert organization performs several times during the school year including weekly Mass, concerts, large group festivals, Graduation, Baccalaureate and Solo & Ensemble.

PHYSICAL EDUCATION (1.5 credits required for graduation)

PHYSICAL EDUCATION I

CREDIT: 0.5
 GRADE LEVEL: 9, 10

Co-ed physical education. Introduction to a wide variety of lifelong physical activities, development of basic skills, as well as physical fitness. Individual/team activities and cardiovascular fitness are emphasized.

PHYSICAL EDUCATION II

CREDIT: 0.5
 GRADE LEVEL: 10, 11
 PREREQUISITE: Physical Education I

Students will become familiar with the principles related to developing a personal fitness program they can use outside of the school setting. Weight training, cardiovascular-endurance, agility, plyometric, hand-eye coordination, medicine and stability ball exercises, along with other life-fitness activities will also be introduced to the students. Students will learn about their muscular/skeletal system along with various ways to monitor their fitness levels during their exercising/workouts.

PERSONAL FITNESS

CREDIT: 0.5
 GRADE LEVEL: 10, 11, 12
 PREREQUISITE: Physical Education I

This course is for students to become familiar with the principles related to developing a personal fitness program, and to implement their own program. Students will work to develop and improve muscular strength, flexibility, and cardiovascular endurance by participating in a variety of low to high-impact fitness activities and a weight training program.

LIFETIME SPORTS

CREDIT: 0.5
 GRADE LEVEL: 11, 12
 PREREQUISITE: Physical Education I and II

The purpose of this course is to give the students exposure to various sports/activities they can incorporate into their lifestyle either by themselves, or with friends or family. Activities include golf, tennis, racquetball, bowling, hiking, fishing, badminton/pickle ball, rock climbing and snowshoeing.

SCIENCE (3.0 credits required for graduation)

BIOLOGY

CREDIT: 1.0
GRADE LEVEL: 9

Biology is an introductory course that covers cellular functions; basic and advanced genetic concepts including biotechnology and ethics; evolution; classification of living organisms, and basic ecological principles. Particular emphasis is placed on understanding the nature of Science and the process of Science. Students will perform many laboratory activities and research projects in order to develop proper scientific literacy.

CHEMISTRY I

CREDIT: 1.0
GRADE LEVEL: 10, 11, 12
PREREQUISITES: Biology & Algebra I (C or better)

A laboratory component class designed to provide students with a basic knowledge of chemistry. Students will gain an understanding of atomic structure, nomenclature, chemical bonding, and formulas, balancing reaction equations, dimensional analysis, the periodic table of elements, phase chemistry, and an introduction to acids and bases. This course is designed to prepare the student for basic college chemistry.

GENERAL CHEMISTRY

CREDIT: 0.5
GRADE LEVEL: 10, 11, 12
PREREQUISITE: Biology

A concept and laboratory class designed to provide students with a basic introduction to chemistry with less emphasis on mathematics. Students will gain an understanding of atomic structure, nomenclature, chemical bonding, and formulas, balancing reaction equations, dimensional analysis, the periodic table of elements, phase chemistry, and an introduction to acids and bases. This course is designed to prepare the student for basic chemistry used in everyday decision making. Students will attend concurrently with Chemistry students during the first semester.

INTRO TO ENGINEERING

CREDIT: 0.5
GRADE LEVEL: 10, 11, 12

A topical and hands-on class designed to allow students the opportunity to design and build. Students will be exposed to engineering terms and concepts. One of the main goals of the class is for students to experience workplace settings where deadlines, budgets, and most importantly, cooperative teamwork, leads to a quality product. Such examples of topics may include mechanical, civil, hydro, bio, aerospace, and chemical engineering. This is a semester-long course and works well in a senior year schedule or an alternative science pathway for students less interested in advanced level sciences.

ENVIRONMENTAL SCIENCE

CREDIT: 1.0
GRADE LEVEL: 11, 12

In Environmental Science students engage with the scientific principles, concepts, and methodologies required to understand the interrelationships within the natural world. The course requires that students identify and analyze natural and human-made environmental problems, evaluate the relative risks associated with these problems, and examine alternative solutions for resolving or preventing them. Environmental science is interdisciplinary, embracing topics from geology, biology, environmental studies, environmental science, chemistry, and geography.

PLANT BIOLOGY

CREDIT: 0.5
GRADE LEVEL: 11, 12
PREREQUISITE: Biology & Chemistry or General Chemistry

Lab heavy, hands on introduction to plant biology with recorded lecture (flipped classroom). Emphasis placed on phylum characteristics, identification, structure and function of plant processes, reproduction, evolution and ecology. Assessments will be a combination of lab exams and free response questions. Course will include field work when applicable and resources are available. *Option for directed research/project support in conjunction with Capstone.*

BODY, STRUCTURE & FUNCTION I - NTC credits available

CREDIT: 0.5
GRADE LEVEL: 11, 12
PREREQUISITE: Biology

Body, Structure, & Function I gives students a working knowledge of their human body and its functions. Students taking this one semester class will study the structure and function of the skeleton, muscular system, cardiovascular, respiratory, digestive, and reproductive systems. This course will involve laboratory activities, projects, dissections, textbook material, models, diagrams, journal writings, and clinical studies. This course is recommended for all high school students.

BODY, STRUCTURE & FUNCTION II - NTC credits available


CREDIT: 0.5
GRADE LEVEL: 11, 12
PREREQUISITE: Body, Structure, & Function I

Body, Structure, & Function II will continue where first semester left off in the textbook. Students taking this second semester class will dive deeper into the body systems, learning structure and function of the special senses, endocrine, blood, lymphatic, immune, urinary system as well as the central, peripheral, and autonomic nervous systems. This course continues the above practice of lab, dissections and clinical studies and is designed with students that are considering post-secondary studies in medicine.

<p>COLLEGE CHEMISTRY</p> <p>CREDIT: 1.0</p> <p>GRADE LEVEL: 11, 12</p> <p>PREREQUISITE: Chemistry, Algebra I, Algebra II (B or higher) and Instructor Approval</p> <p>A laboratory-based class designed to provide students with knowledge level equivalent to freshman level college chemistry. Students will gain an understanding of entropy, enthalpy, kinetics, molarity, pH, equilibrium, and associated concepts and formulas. Most importantly, students will demonstrate independence in the chemical laboratory setting with high level report writing. This course is designed to prepare the student to excel in freshman year college chemistry. Any student planning to attend a 4-year college to pursue a Bachelor of Science degree of any type should strongly consider this course. <i>Advanced Placement Test Optional</i></p>	<p>COLLEGE PHYSICS</p> <p>CREDIT: 1.0</p> <p>GRADE LEVEL: 12</p> <p>PREREQUISITE: Physics (B or higher) and Instructor Approval</p> <p>Advanced Physics is an in-depth study of selected topics in Physics covering some topics introduced in Physics in greater depth, plus additional topics including electricity and magnetism, waves, optics and modern physics. These additional topics may prepare students to take the AP Physics I exam as well as covering some topics on the AP Physics II exam. <i>Advanced Placement Test Optional</i></p>
<p>COLLEGE BIOLOGY</p> <p>CREDIT: 1.0</p> <p>GRADE LEVEL: 11, 12</p> <p>PREREQUISITE: Biology & Chemistry (B or higher) and Instructor Approval</p> <p><i>Students are strongly encouraged to take AP Statistics concurrently.</i></p> <p>Introduces basic principles of Biology and acquaints student with the diversity of life. Exploration of cellular-level processes, genetics and reproduction, evolution, biological diversity, physiology, and ecology, with emphasis on the applicability and relevance of biological concepts, scientific method, and technology to the general public. <i>UWSP Credits or Advanced Placement option available.</i></p>	<p>INTRODUCTION TO ORGANIC/BIOCHEMISTRY</p> <p>CREDIT: 0.5 – 1.0</p> <p>GRADE LEVEL: 12</p> <p>PREREQUISITE: Advanced Chemistry and Instructor Approval</p> <p>Explore the fundamental principles of organic compounds and biological molecules in this foundational course. Explore chemical bonding, functional groups, and biochemical pathways through engaging lectures and hands-on laboratory experiments. Understand the vital role of organic chemistry in pharmaceuticals, biotechnology, and environmental science. Gain insight into biomolecular structure and function, including enzymes, proteins, and nucleic acids. Develop critical thinking skills essential for scientific inquiry and problem-solving. By course end, possess a solid understanding of organic and biochemistry, ready to tackle complex challenges in diverse scientific fields.</p>

SOCIAL STUDIES (3.5 credits and 65% or higher on the State Civics Test required for graduation)


<p>GEOGRAPHY OF THE EASTERN HEMISPHERE</p> <p>CREDIT: 0.5</p> <p>GRADE LEVEL: 9</p> <p>Geography is a dynamic subject that is firmly grounded in the real world and focuses on the interactions between individuals, societies and the physical environment in both time and space. However, as you will discover it is so much more. This is a cultural survey course focusing on world conflict, government, economics, religion, human rights and current events. Geography of the Eastern Hemisphere is a semester long class that explores national and increasingly global cultures, physical geography, events of the past and present that have shaped the various regions and nations we will study, and of course how every nation fits together on the map. We will study these concepts in the context of the various regions of the Eastern Hemisphere: Russia and the Republics, The Middle East, South Asia, and East Asia.</p>	<p>GEOGRAPHY OF THE WESTERN HEMISPHERE</p> <p>CREDIT: 0.5</p> <p>GRADE LEVEL: 9, 10, 11, 12</p> <p>Geography is a dynamic subject that is firmly grounded in the real world and focuses on the interactions between individuals, societies and the physical environment in both time and space. However, as you will discover it is so much more. This is a cultural survey course focusing on world conflict, government, economics, religion, human rights and current events. Geography of the Western Hemisphere is a semester long class that explores national and increasingly global cultures, physical geography, events of the past and present that have shaped the various regions and nations we will study, and of course how every nation fits together on the map. We will study these concepts in the context of the various regions of the Western Hemisphere: the United States and Canada, Latin America, and Europe.</p>
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<p>WORLD HISTORY (1500-Present)</p> <p>CREDIT: 1.0</p> <p>GRADE LEVEL: 10</p> <p>World History is a class that explores the development of modern cultures and civilizations throughout the world. This year long class strongly emphasizes cause and effect, cultural change, and connections between the history we will study and the 21st century. You will study the themes of geography, economics, government, citizenship, culture, science and technology, and global relations. Through both primary and secondary documents students will be expected to think critically using such methods as analyzing information, sequencing, comparing and contrasting, cause and effect, drawing inferences and conclusions, identifying bias, problem solving and decision making. We will focus on Western Civilization (a.k.a. Western Europe) specifically the Renaissance and Reformation, the age of Absolutism, the French Revolution, the Industrial Revolution, the age of revolution and imperialism, World War I, World War II, and from the Cold War to the present in an attempt to recognize how modern institutions, governments, attitudes and perspectives developed. Although the focus of this course is Western Civilization, we will also investigate other areas of the world such as Russia and Eastern Europe, Asia, Africa, and Latin America in an attempt to recognize the contributions of these cultures to our current civilization.</p>	<p>HISTORY SEMINAR</p> <p>CREDIT: 0.5</p> <p>GRADE LEVEL: 10,11, 12</p> <p>PREREQUISITE: Instructor Approval</p> <p>The small-course seminar experience allows students an opportunity to dig deeper into various United States History topics with students who share similar interests. Topics vary from term to term, however no matter what the topic; students are introduced to in depth historical thinking, are expected to read, write and think critically and must participate in thought provoking historical discussions. Seminars serve as an introduction to upper-level course work in history and related fields of study.</p> <p>Sample topics: The 1960s, Cold War, Civil Rights Movement, Vietnam, Watergate America in World War I, II, The technological revolution and modern society.</p>
<p>CURRENT AFFAIRS SEMINAR</p> <p>CREDIT: 0.5</p> <p>GRADE LEVEL: 11, 12</p> <p>This seminar is an up to date inquiry of wide ranging current events and issues. To become engaged citizens, students need to better understand U.S. domestic and foreign policy as well as global issues. It is nonpartisan and topics are often taken from the 24 hour news cycle with some being selected for in-depth study. Students are expected to offer critical analysis of news stories in both video and text formats. They will also be introduced to important relationships for aligning current events to proper historical context.</p>	<p>COMPARATIVE POLITICS (College Level)</p> <p>CREDIT: 0.5</p> <p>GRADE LEVEL: 11, 12</p> <p>PREREQUISITE: Social Studies & English (B+ or higher) and Instructor approval.</p> <p>Comparative Politics is a semester long university level course identifying various theories of government and studying political systems of western, non-western, and communist countries. Focus is on political issues and policy choices in addition to governance. The course examines how political institutions work, how variations in constitutional and electoral design impact political outcomes, and how historical developments shape contemporary politics. <i>UWSP Credits available.</i></p>
<p>PSYCHOLOGY</p> <p>CREDIT: 0.5</p> <p>GRADE LEVEL: 11, 12</p> <p>Psychology is the scientific study of the human mind and its functions and processes. This semester long survey course strives to help us learn more about the human mind and how the mind shapes who we are and how we see the world around us. The focus in this course is to provide an understanding of the various facets of psychology. We will focus on how the wide world of psychology helps us to understand ourselves and each other. Topics covered in psychology are historical roots and methods of psychology, the biological basis of behavior, cognitive processes (the human brain), personality, and mental disorders.</p>	

<p>UNITED STATES HISTORY SURVEY</p> <p>CREDIT: 1.0</p> <p>GRADE LEVEL: 12</p> <p>This year long course surveys American history from the Columbian Exchange to the 21st Century. Using textbook and primary source documents students learn about the various political, social, religious, and economic developments that have shaped and continue to shape the United States. Essay writing and critical thinking are emphasized as integral ways of understanding how the past relates to the present and future.</p>	<p>GOVERNMENT</p> <p>CREDIT: 0.5</p> <p>GRADE LEVEL: 12</p> <p>This semester course will explore the basic principles of the U.S. Constitution and the functions of the U.S. government. Included will be an in-depth study of the Bill of Rights, the legislative, executive & judicial branches and the election process. The course will also explore political parties and the influence of interest groups and the media on public policy. Current issues in policy and government will also be incorporated.</p>
<p>AP UNITED STATES HISTORY I</p> <p>CREDIT: 0.5</p> <p>GRADE LEVEL: 11</p> <p>PREREQUISITE: English & World History (B or higher) and Instructor Approval</p> <p>Advanced Placement US History is a two part course designed to give students a thorough understanding of US History, requiring students to master historical and analytic skills, including chronological and spatial thinking, historical research and interpretation. The class strives to prepare students to assess historical materials, evaluate relevance and reliability, and deal critically with problems and materials in US History. This first course provides a survey of United States history from the colonization period through the Civil War. The course covers the major political, diplomatic, military, economic and social developments that shaped the United States. An emphasis will be placed on critical and evaluative thinking skills, essay writing, interpretation of primary source documents and historiography.</p>	<p>AP UNITED STATES HISTORY II</p> <p>CREDIT: 1.0</p> <p>GRADE LEVEL: 12</p> <p>PREREQUISITE: AP United States History I</p> <p>In this second course, students will examine the themes of American history from Reconstruction through the 20th century. To succeed, students will be expected to devote considerable time to reading and studying outside of class. The AP course is meant to be the equivalent of an introductory college course thus preparing students for intermediate and advanced college courses. Students enrolled in this course are expected to take the Advanced Placement exam offered in May of their senior year. To that end, AP test preparation is also incorporated into the course.</p>

THEOLOGY (4.0 credits required for graduation)

<p>OLD TESTAMENT & PRAYER LIFE</p> <p>CREDIT: 0.5</p> <p>GRADE LEVEL: 9</p> <p>This first semester course is an overview of the first 46 books of the Bible. This class studies the history of salvation from Creation through the old covenant with Israel. The focus is on the origin and authority of Sacred Scripture and its place in the Deposit of Faith. It includes identification of genres in the Bible, interpretation of the different senses of Scripture; importance of historical/cultural context.</p>	<p>NEW TESTAMENT & PRAYER LIFE</p> <p>CREDIT: 0.5</p> <p>GRADE LEVEL: 9</p> <p>This second semester course is an overview of the last 27 books of the Bible written by the sacred authors in apostolic times, which have Jesus Christ, the incarnate Son of God, and the beginning of His Church as their central theme. It includes identification of genres in the Bible, interpretation of the different senses of Scripture; importance of historical/cultural context.</p>
<p>CREED</p> <p>CREDIT: 0.5</p> <p>GRADE LEVEL: 10</p> <p>Examination of the foundational dogmas and mysteries of the Faith as revealed by God and expressed by the Church through the ages.</p>	<p>CHURCH HISTORY</p> <p>CREDIT: 0.5</p> <p>GRADE LEVEL: 10</p> <p>The origin and development of the Church from its founding by Christ to the present. The challenges presented to the Church and the Church's response, particularly with respect to the Church in the world and the relationship between Church and State.</p>

SACRAMENTS CREDIT: 0.5 GRADE LEVEL: 11 <p>The saving work of the holy and sanctifying humanity of Christ is assuredly revealed in the seven Sacraments of the Church. These Sacraments are signs and instruments of the mystery of God's love. This first semester course examines the history and beliefs which underlie these celebrations of our Christian faith.</p>	MORAL THEOLOGY & THEOLOGY OF THE BODY CREDIT: 0.5 GRADE LEVEL: 11 <p>This second semester course is to help students analyze human actions (including their own) in light of the Gospel. The Ten Commandments are reviewed with special emphasis on application to concrete situations of our time. More than a philosophical ethics course, this class grapples with the meaning of God's love upon our personal choices. There will also be an emphasis on Theology of the Body based on the teachings of Saint Pope John Paul II.</p>
SOCIAL JUSTICE CREDIT: 0.5 GRADE LEVEL: 12 <p>A continuation of <i>Moral Theology</i>, this course considers the cultural ramifications of the Gospel and our individual actions reflecting upon the dignity of the human person and the conditions of our society.</p>	CHRISTIAN VOCATION CREDIT: 0.5 GRADE LEVEL: 12 <p>Christian Vocation is the capstone course of our theology curriculum. Students learn about our universal Christian vocation to holiness, and the particular vocations of both the laity and religious. An introduction to the teaching of Pope St. John Paul II on the theology of the body with respect to sexuality and marriage is included. Special emphasis is given to the life of prayer and the application of our faith, worship, and daily living.</p>
APOLOGETICS CREDIT: 0.5 GRADE LEVEL: 10, 11, 12 PREREQUISITE: Creed <p>Sources and methods for explaining and defending the authority and teaching of the Catholic Church with respect to the Deposit of Faith entrusted by Jesus Christ to the Apostles and their successors. Content and instruction will emphasize fundamental theology with particular regard to answering current and persistent challenges to the Faith with truth in charity.</p>	

SENIOR CAPSTONE (*required for graduation*)

SENIOR CAPSTONE

CREDIT: 0.5
GRADE LEVEL: 12

The Senior Capstone provides students with the opportunity to use skills and information they have learned to create an impressive, culminating activity for the conclusion of their high school career. Each senior will select an academic area of interest from the departments available at Newman. With guidance from a faculty advisor and a mentor, the student will develop a significant research project in that subject area. All students will write a comprehensive research paper and prepare and deliver an oral presentation. Those students choosing to focus on science may also choose to design and conduct an experiment in addition to the above mentioned requirements. Students submit their Senior Capstone proposal during the 4th quarter of their junior year.

OTHER OPTIONS FOR HIGH SCHOOL CREDIT

WI YOUTH APPRENTICESHIP PROGRAM *

CREDIT: 1.0 - 2.0
GRADE LEVEL: 11, 12

Youth Apprenticeship (YA) is a rigorous one or two-year program that combines classroom instruction with mentored, paid, on-the-job learning that makes a real world “work” connection for high school students. Students with an existing job can inquire about doing a YA through their current employer. Students seeking a job can choose an area of career interest and explore opportunities in the field. Visit www.ntc.edu for more information.

Statewide programs are available in:

Agriculture, Food and Natural Resources

Architecture and Construction

Finance, Marketing

Graphic Design/Printing

Health

Hospitality and Tourism

Information Technology

Manufacturing

Science Technology, Engineering and Math

Transportation Distribution and Logistics

ACT 105 - WIAA PHYSICAL EDUCATION (PE) WAIVER*

Request for Physical Education credit through WIAA sports participation. High school students who actively participate and complete 95% of a Wisconsin Interscholastic Athletic Association (WIAA) sanctioned Varsity sport season may complete an additional .5 credit in English, mathematics, science, or social studies in lieu of the final .5 credit of their PE requirement.

- The course in lieu of the final .5 credit of the PE requirement must be completed by the end of 1st semester of senior year.
- Students must not have had an athletic code violation which led to a suspension during the sport season to be eligible for the course in lieu of the final .5 credit of their physical education requirement.

The sport must have been completed by the end of the first semester of the senior year.

EARLY COLLEGE CREDIT PROGRAM*

CREDIT: 0.5 – 1.0
GRADE LEVEL: 11, 12

The Early College Credit Program (ECCP) allows high school students to take courses at a UW school such as UWSP-Wausau with a tuition discount, if certain statutory criteria are met and the course fits into the student’s high school schedule. This opportunity provides college credit only (not high school) and would need to be in addition to the 7.0 requisite high school courses a full-time student must carry each semester. Administrative approval is required. Placement testing may be required.

START COLLEGE NOW PROGRAM*

CREDIT: 0.5
GRADE LEVEL: 11, 12

Start College Now (SCN) allows high school students to take courses at a technical school such as NTC, provided the courses fit into the student’s high school schedule. Both college and high school credit are available. High school credits are awarded at .33 per college credit. Counselor approval is required. Tuition is not discounted for this program.

VIRTUAL SCHOOL COURSES (electives)

CREDIT: 0.5 - 1.0
GRADE LEVEL: 10, 11, 12

Students must have demonstrated good independent study habits and obtain counselor recommendation and administrative approval. Classes may be taken through student’s home school district at no cost (if available). Students will use designated desktop computers in study hall for these classes. This is a great way to explore dozens of electives that Newman doesn’t offer.

TEACHING ASSISTANT*

CREDIT: 0.25
GRADE LEVEL: 12

This semester course is available to seniors in good standing and counts for .25 credit. Applications must be approved by the teacher and administration.

** Denotes course is included on high school transcript and counts toward graduation, but not GPA.*

Note: High school courses taken in middle school are included on the high school transcript and count toward graduation, but are not included in high school GPA.