Nicolet Union High School



Academic and Career Planning Guide

2026-2027

LETTER TO STUDENTS and PARENTS

Dear Students/Parents:

The 2026-2027 *Academic and Career Planning Guide* is designed to assist students in planning and managing their four-year high school academic program. The goal of Nicolet High School is to provide a variety of academic and career pathways that will allow students to individualize their course of study to meet their college and career goals.

The *Academic and Career Planning* provides an overview of all courses offered at Nicolet High School, and the course alignment to potential career pathways. Utilize this guide in conjunction with your personal goals and career interest to inform your decisions on course selections.

How to use this book:
It is recommended that students, along with parents, review the sixteen career clusters listed to begin planning a personalized program of study to meet the student's future goals. More detailed information about each career cluster is provided in the individual career sections. Along with this information is a listing of suggested Nicolet High School courses and recommended co-curricular activities that support each career cluster. A student can utilize the career information, the graduation requirements, college admission information and the four year planning guide to build a personalized course of study that meets his or her interests and future college and career goals.

Our school mission is to positively impact the world through education by accelerating the achievement of every student, in every classroom, every day.

Sincerely,

Nicolet High School

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DISTRICT MISSION, VISION, VALUES, GOALS AND FOUNDATIONS FOR EXCELLENCE

District Mission:

The Nicolet High School District exists to positively impact the world through education by accelerating the achievement of every student, in every classroom, every day.

District Vision

Nicolet High School commits itself to excellence and equity by intentionally engaging each student to achieve personal success and to contribute to the local and global community.

District Values:

We are committed to:

- Building future ready skills
- Cultivating collective responsibility for the success of all
- Connecting our communities
- Ensuring all students learn at high levels in an equitable learning environment
- Engaging in continuous improvement utilizing research based best practices
- Encouraging creativity, innovation and risk taking
- Ensuring an inclusive school culture where all are valued
- Teaching with a focus on personalized learning

NICOLET ADMINISTRATORS

Greg Kabara, PhD Superintendent Greg.Kabara@nicolet.us	414-351-7520
Jeff Pruefer, MSE Business Administrator Jeffrey.Pruefer@nicolet.us	414-351-7548
Brenda Turner, PhD Director of Teaching and Learning Brenda.Turner@nicolet.us	414-351-8245
Melannie Litscher, Director of Student Services Melannie.Litscher@nicolet.us	414-351-8169
Nicole Nelson, BS Director of Technology Nicole.Nelson@nicolet.us	414-351-7580
Joseph Patek, MS Principal Joseph.Patek@nicolet.us	414-351-7522
David Coyle, MS Associate Principal David.Coyle@nicolet.us	414-351-7533
Cristy Bauer, MA Associate Principal Cristy.Bauer@nicolet.us	414-351-7524

STUDENT SERVICES

Melissa Hills, MSEd Counselor Melissa.Hills@nicolet.us	414-351-7557
Michael McKenna, MS Counselor Michael.Mckenna@nicolet.us	414-351-7560
Carly Roth, MA Counselor Carly.Roth@nicolet.us	414-351-7556
Bobbie Johnson, MSEd Counselor Bobbie.Johnson@nicolet.us	414-351-7559
Stephanie O'Connor-Reiser Career & Transition Coordinator Stephanie.Oconnor-Reiser@nicolet.us	414-351-7562
Maureen Newborn, MSW School Social Worker Maureen.Newborn@nicolet.us	414-351-8251
Kathryn Woods, EdS School Psychologist Kathryn.Woods@nicolet.us	414-351-7564
Kaitlin Grover, BSN, RN School Nurse Kaitlin.Grover@nicolet.us	414-351-7574

PHONE DIRECTORY

Alumni Association	351-7561
Athletics	351-8145
Attendance	351-8282
Student Services	351-7550
Data Processing	351-7579
District Administrator	351-7520
Freshman Study Hall	351-8242
General Information	351-1700
Health/Nurse's Office	351-7574
Media Center/Library	351-8230
School Resource Officer	351-7539
Pool Office	351-8179
Principal	351-7522
Recreation/Adult Education	351-7566
Athletics Office	351-8145
Special Education	351-7552

GENERAL INFORMATION

Academic Scheduling Procedures

Students and parents are urged to proceed through the registration process with careful consideration for course selection. **THE FINAL DATE TO CHANGE A SCHEDULE IS JUNE 12th.** This enables students, parents and teachers an opportunity to make timely, efficient and intelligent decisions about adding and dropping classes.

In February, students in grades 9, 10 and 11 participate in the scheduling process for the coming school year. This process involves discussions with parents, teachers and counselors. Students may view their course selections on Skyward from the time they register until approximately May 1st.

Class Load

Full time students are to enroll in a minimum of seven (7) classes per semester.

Schedule Changes

Schedule changes are collaborations between the parent, student, teacher and counselor. Students may request changes to their next year's schedule until **June 12th**. Schedule changes made after **June 12th** may only be made for one of the following reasons:

1. Students failed the first semester of a year-long course or earned a "D", along with a recommendation from the teacher to drop the course.
2. Technical error with schedule.
3. A medical condition accommodation.
4. Course was completed during Summer School
5. Course change request is aligned with the student's Academic and Career plan

Drop Only

If a student is enrolled in eight (8) classes, the student may drop one class for the purpose of adding a study hall. The process of dropping the class must be completed by the end of the fourth week of a semester. If a student drops a class after the fourth week of the semester, they will receive a failure ("F").

Level Changes

Level changes are collaborations between the parent, student, teacher and counselor as to what is best for the student. Level changes are only allowed when there are multiple levels of the same course.

A level change must be made within the first four (4) weeks of the start of the course.

Procedure for level changes:

1. Students meet with their counselor to request change.
2. The schedule change is made if supported by the student and parent(s), and there is space in the class.
3. The student's grade will follow him or her when the schedule change is made.

Student Material Fees - (See Appendix for a complete list of fees – Anticipated Fees to be approved May 2025)

Refund for Full Year Courses:

Course Dropped	Refund Amount
First twenty (20) School Days	In full
Second Semester	None

Refund for Semester Courses:

Course Dropped	Refund Amount
First twenty (20) School Days	In full
After twentieth (20th) School Day	None

Refund of material fees due to course changes by student's first or second semester will be refunded at the end of that semester. These refunds will only be processed if the amount is in excess of $25.

Refunds of $25 and less will be held until the refund amount exceeds $25 or until student registration for school in the next academic year. Students, who transfer to another district, drop out, or graduate will be issued a refund upon withdrawal from Nicolet High School when all Nicolet property has been returned and outstanding charges have been paid.

AP Courses have special deadlines and fees for changes and dropped courses. Please see AP Coordinator for details.

Parents/Guardians are encouraged to check periodically in Skyward for fees added during the school year, for example extra art materials, athletic fees, lost books, etc. At the end of the school year the value of textbooks/library books not returned by the deadline will be added to the students' fees accounts. Textbooks returned after the deadline will NOT be credited.

Nicolet Student Course Placement and Academic Credit Transfer Procedure

These procedures apply to students who enter or re-enter the Nicolet High School District after having participated in an outside educational program.

Records information
Students transferring to the Nicolet High School District shall provide the district with transcripts and/or other records that demonstrate evidence of their level of academic achievement, subjects completed, credits earned and the results of standardized testing. Students are placed in the appropriate grade level and/or courses as indicated by the records provided to the District. Placement tests may be required to determine the correct courses.

Students Expelled From Other Districts
The school district is not required to enroll a student during the term of his/her expulsion from another school district. The district requires, in cases where students have been expelled from other school districts that administration obtains the following information from the former school district before recommending to the Board whether a student be enrolled in the Nicolet High School District:

1. A copy of the expulsion findings and order
2. A written explanation of reasons why the student was expelled.
3. The length of the term of the expulsion.

Other
Transfer students who had been granted early admission in another school district are provided consideration based on previous performance and local criteria.

Nothing within these procedures shall be construed so as to deny any transfer student their rights under WI Statute 115 and Individuals with Disabilities Act (IDEA).

Transfer of Credit for a Student Entering Nicolet from another U.S. High School
Classes and grades from other high schools are converted to the Nicolet credit system. Students transferring to Nicolet receive weighted credit for Advanced Placement (AP) courses. Therefore, if a student transfers to Nicolet with AP level courses that are not offered at Nicolet, the student does not receive the weighted credit points.

Religion classes are consolidated and granted a maximum of .5 Social Studies credits to be consistent with curricular offerings

Transfer of Credit from Foreign Exchange Programs
Students interested in participating in foreign exchange programs lasting up to a school quarter or longer need to notify the Student Services Department at least a full semester prior to their departure. Credits received for foreign exchange classes are shown without a grade, using pass/fail, and not included in the student's cumulative grade point average. Thus, the student returns from an exchange program with the same GPA as when he/she left. The number of credits awarded, if any, is dependent upon the number of hours in study to be verified in advance of taking the class, and will count toward meeting the graduation requirements.

Online and Correspondence Course Enrollment
Students wishing to complete courses outside of Nicolet with the intention of transferring credit to Nicolet may do so in the ways outlined below. Any course(s) completed with the intention of transferring the credit to Nicolet High School must align with the curriculum of a course currently offered at Nicolet and is required to be from the approved list of providers. All fees associated with these courses are the responsibility of the student/family.

Final transcripts/grade reports must be received by Nicolet no later than June 1st to be included on a student's transcript before graduation. Students who complete the course(s) they wish to transfer to Nicolet after June 1st will not be allowed to participate in the commencement and will be issued their diploma after the work is verified. The date the course is verified as complete will also be used as the graduation date on their diploma.

Enrollment in Courses for the Purpose of Enrichment/Advancement:
High School students wishing to enroll in any enrichment courses for the purpose of curriculum advancement need to obtain approval prior to enrolling in a course. Approval should be obtained by first meeting with the department involved in the educational plan. Successful completion of the outlined educational plan results in the opportunity to advance to the next course in the Nicolet curriculum.

Enrichment credit is never placed on the Nicolet transcript; however, students are strongly encouraged to save transcripts or report cards to submit with their college application materials.

Enrollment in Courses to Apply Toward Required Graduation Units:
Full-time students in good academic standing wishing to enroll in a course for the purpose of satisfying any of the credits needed for graduation must obtain approval from their school counselor prior to enrolling in the course. A limit of 2 semester courses for a total of 1.0 credit is allowed to be transferred to Nicolet through approved online or correspondence courses.

Student not on track for graduation due to credit deficiencies may enroll in one semester course for every semester credit they are deficient.

Grades will be transferred for regular credit, thus providing no additional weight in the grade point average.

Home School

Home-based Private Education Program is defined as a program of educational instruction provided to a child by the child's parent or guardian or by a person designated by the parent or guardian as defined under WI Statute. 115.001(3)(g).

Students who have been in attendance in a Home-Based Private Education Program for a period of ninety (90) calendar days or more shall furnish the principal or designee with the following documentation of the Home-Based Private Education Program:

1. A copy of Home-Based Private Educational form: Wisconsin DPI Form PI-1206 (rev.I-86)
2. A copy of the school calendar that verified that each school term of Home-Based Education Instruction consisted of a minimum of 875 hours (WI Statute. 118.165(1).
3. Copies of the sequential curriculum that was taught in the six (6) mandated subject areas (WI Statute. 118.165(d).
4. Records of student performance for each course taken.
5. Home-Based coursework will be recorded as credit only.

Course Articulation

Awarding of Credit for Articulated Courses Taken by Middle School Students

Beginning in the 2024-2025 school year, seventh and eighth grade students who are enrolled in a high school level course in middle school or at Nicolet, taken any time prior to the end of the student's eighth grade year (7th or 8th grade), will not have the course noted on the student's high school transcript and high school credit (to meet graduation requirements) will not be awarded.

Instead, the high school transcript will be a complete record of a student's academic achievements in grades 9-12. This starts with the first grading period of a student' first year of high school and is updated each term until graduation.

Students may utilize high school courses completed as a seventh and/or eighth grade student to meet prerequisites for other high school courses. *See the table below:*

	Middle School Student taking a High School Course in Middle School	Middle School Student taking a High School Course at Nicolet	High School Student in a High School Course Taken at Nicolet
Used for Recommendations and Placement	✓	✓	✓
Included in High School GPA			✓
High School Credit Earned and Included on Transcript			✓

Transcripted Courses Eligible for College Credit

A number of Nicolet High School courses have transcripted agreements with various post-secondary institutions, allowing our students the opportunity to earn college credit. For a student to gain college-level credit, certain requirements must be met by the student. Students should contact the instructor of the Nicolet course to learn more about how these credits can be earned. Credit costs are the responsibility of the family.

Below is a list of the courses with current agreements:

Department	Courses	Agreements	Credits	Cost
Business	Introduction To Accounting*	Milwaukee Area Technical College ACCTG(Basic Office Accounting-102)	3	Free
Business	Financial Accounting	UW-Oshkosh ACCT (Essentials of Financial Accounting 206)	3	$115/credit
Business	Financial Literacy	UW-Oshkosh (Personal Finance 231)	3	$115/credit
Engineering, Technology and Design	App Development and Game Design*	Milwaukee Area Technical College (WEBDEV-114 Web Development with HTML/CSS)	3	Free
Engineering, Technology and Design	Animation	Milwaukee Institute for Art and Design (MIAD)	3	$110/credit
Engineering, Technology and Design	Film and TV 2	Milwaukee Institute for Art and Design (MIAD)	3	$110/credit
English	Communications (*Honors*)	UW-Oshkosh Comm101 Intro to Public Speaking(Communication 111)	3	$115/credit
English	Written Communication*	Milwaukee Area Technical College (ENG 195 Written Communication)	3	Free
Family Consumer Sciences	Introduction to Teaching	UW Milwaukee (Currins 300-Introduction to Teaching: Colloquium & Field work)	3	$115/credit
Family Consumer Sciences	Infant Toddler Development*	Milwaukee Area Technical College (CHILDD-151ECE Infant & Toddler Development)	3	Free
Family Consumer Sciences	Child Development*	Milwaukee Area Technical College (CHILDD-179ECE Child Development)	3	Free
Family Consumer Sciences	Guiding Child Behavior*	Milwaukee Area Technical College (CHILDD-188 ECE: Guiding Children's Behavior)	3	Free
Family Consumer Sciences	Community Relationships*	Milwaukee Area Technical College (CHILDD 195 ECE: Family and Community Relationships)	3	Free
Photography	Photography 2*	Milwaukee Area Technical College (Photo 141-Photoshop for Photographers)	3	Free
Science	Anatomy & Physiology: Musculoskeletal & Neurology	UW Milwaukee BIOSCI(202-Anatomy & Physiology 1)	4	$115/credit
Wellness	Strength & Conditioning	UW Oshkosh (Phy Ed 113)	1	$115/credit
World Language	Hebrew 4 & 5	UW Milwaukee (Hebrew 201 & 202)	4	$115/credit
World Language	French 5	UW Green Bay (French 202)	3	$115/credit

World Language	German 5	UW Green Bay (German 202)	3	$115/credit
World Language	Spanish 5	UW Green Bay (Spanish 202)	3	$115/credit

Grades

Nicolet recognizes that grades and credits are appropriate measurements of academic performance, however: it should be emphasized to both parents and students that the aims of education are accomplished not by the pursuit of grades but by the pursuit of knowledge and understanding. Faithful, patient study brings achievement and rewards not measured exclusively by grade averages and credit accumulation.

Students receive letter grades in all subjects. Nicolet uses a 5 letter grading system, "A", "B", "C" and "D" are passing grades, with issued credit, "F" is a failing grade for which credit is not issued. If a student receives an "F" in a required subject, he/she must repeat and pass that subject to fulfill graduation requirements. Ordinarily, when a student receives an "F" in a course which is part of a sequence, the student must repeat and pass that course before continuing in the sequence. "P" – (pass) is issued for successful completion of academic support classes.

Grade Point Average

A weighted 4.0 Grade Point Average (GPA) scale is used. All attempted courses receiving grades of A-F are computed in GPA. Nicolet does not rank students based on their GPA except for the purposes of identifying students who may be eligible for the Wisconsin Academic Excellence Scholarship and the Wisconsin Guarantee.

4.0 WEIGHTED GPA SCALE												
Level	**A+/A**	**A-**	**B+**	**B**	**B-**	**C+**	**C**	**C-**	**D+**	**D**	**D-**	**F**
Advanced Placement & Dual Enrollment with a 4 yr University	**5.0**	**4.67**	**4.33**	**4.0**	**3.67**	**3.33**	**3.0**	**2.67**	**2.33**	**2.0**	**1.67**	**0**
Regular	**4.0**	**3.67**	**3.33**	**3.0**	**2.67**	**2.33**	**2.0**	**1.67**	**1.33**	**1.0**	**0.67**	**0**

A student earning a low "C" or "D" grade in any course at any level may not be adequately prepared for the next course in the sequence. Low achieving students may not be adequately prepared for college entrance exams and may be required to enroll in remedial courses at the college level.

Advanced Placement

The Advanced Placement (AP) Program is a cooperative educational endeavor between secondary schools and colleges and universities. It allows high school students to undertake college level academic learning in AP courses, and gives them the opportunity to show that they have mastered the advanced material by taking AP Exams. Nicolet offers Advanced Placement courses in the following areas:

Biology
Calculus AB/Calculus BC
Chemistry
Computer Principles
Computer Science
Micro and Macro Economics
English Literature & Composition
English Language & Composition
Environmental Science
European History
French
German
Music Theory
Psychology
Physics C
Physics 1
Precalculus
Seminar
Spanish
Statistics
Studio Art – 3 Course Options: Drawing, 2D Design, 3D Design
United States Government & Politics
United States History

AP courses place substantial academic demands on students. Most courses are a year in duration, and students are required to complete considerable outside reading and assignments and to demonstrate the analytical skills and writing abilities required of first year students in a strong college program. All students enrolled in AP courses must complete the corresponding AP Exam at the end of the second semester (all exams are scheduled in May by the Advanced Placement Program of the College Board). Nicolet invites students who wish for additional challenging curriculum to enroll. Students should discuss registration requirements with their counselor.

The best preparation for an AP Exam is an AP course in which the teacher has followed the course description and the students have faithfully completed the course work; however, any student, no matter how he or she is prepared, may complete an AP Exam. For example, students in American History may wish to complete the AP U.S. History Exam.

The Nicolet School Board has agreed to assist families who are financially unable to meet the cost of the AP Exams. Students who are in need of assistance should contact their counselor who will compile pertinent information and present it

to the District Administrator for review.

Notices regarding Advanced Placement Courses:

- The AP exam is a requirement in all AP Courses
- AP Exams are administered the first 2 weeks of May.
- College Board charges an extra fee for exams added after their cutoff date and offers only a partial refund if canceled after their cutoff date.

Course Audit Policy
If a student passes the first semester of a class completed for credit but fails the second semester of the year long course, the student may repeat the entire year. The first semester is considered an audit and receives no additional credit and does not factor in to the GPA. The second semester grade is recorded for credit and factored into the overall grade point average.

Early Graduation
The normal enrollment for a student shall be eight semesters of study over a four-year periods. Occasionally, a student may have an alternative educational plan which would justify fewer than eight semesters, but no fewer than six semesters. Students must petition for consideration of the alternative plan as a basis for early graduation.

Early Graduation Portfolios may be obtained from the Student Services Office (C105). Portfolios for early graduation must be completed by April 1st of a student's junior year.

STUDENT SUPPORT SYSTEMS

https://www.nicolet.us/students/student-support.pdf

Nicolet is one of the best high schools in the state and nation, with a huge variety of academic, athletic, artistic and social opportunities. All students can be successful and reach their potential, but no one has to do it alone. Teachers, staff, Student Services and the Student Support Team work with students and families to give students what they need to be successful. The Student Support Team at Nicolet works to accelerate student achievement by ensuring comprehensive, accessible, effective, and timely support.

Students and Families – *Use this Link* to request a Peer Tutor or other Academic Support

Student Support Staff
Nicolet support staff, which includes licensed teachers and paraprofessionals, are available before, during and after school to provide on-demand, temporary or extended support. The Student Support team strategically builds skills in the Knight Center, provides universal support to all students, and implements academic intervention in reading and math to identified students.

Peer Tutors
Nicolet has a large, diverse group of specially-trained peer tutors that are available every block for students in the Knight Center, during Enrichment, and after school to provide on-demand, temporary, or extended support for other students.

Link Leaders
Nicolet's Link Crew is a large, diverse group of specially-trained students that leads the Freshman and New (10-12) Student Orientation and provides school and student life leadership and mentorship throughout the year.

Nicolet Writing Center and Writing Mentors
The Nicolet Writing Center is a peer-to-peer program designed to help students become more confident and effective writers. Writing Mentors will offer support through all stages of the writing process and can make targeted suggestions for improvement based on a student's questions or concerns about a writing task. Unlike peer editors who correct technical mistakes, Writing Mentors will be trained to provide help with a variety of writing tasks. *Use this link* to read more about the Writing Lab and to sign up.

Supplemental Instruction
Nicolet support staff and teachers will work together to organize and provide supplemental teaching for demanding content and assignments during resource period and after school.

Freshman Transition
Grade Point Average (GPA) is the best indicator of success in college, and 9th grade performance and skill building are crucial to ensure our students are set up for academic and social-emotional health. Transition programming focuses on developing the 12 Freshman Transition Outcomes (*Use this link* to learn more) and includes: Future Knights, Freshman Orientation, Freshman Advisory, Freshman Knight Center, and Freshman PLC Team.

The Nicolet Library
The Nicolet Library is open from 7:15am until 3:30pm Monday through Friday. Students may utilize the library for quiet study, peer tutoring, printing, library specific activities, reading, book selection, research and research instruction, or they may come to the library to access the makerspace equipment. The library has an extensive collection of fiction and nonfiction materials, as well as library databases such as EBSCO, and JSTOR. The databases and the book catalog can be accessed on the library website. Students are encouraged to contact the librarian, in person or via email, for any questions or support

The Knight Center
The Knight Center is a variety of spaces, resources, and universal support for Nicolet students during study hall. Each of the spaces varies in terms of expectations and services available. Access to the spaces varies based on a student's grade level and/or academic needs. Spaces include the Freshman Knight Center (F118), the 10-12 Knight Center (F128), D109, and the Library. Several of these spaces include large spaces and smaller rooms for small group instruction (SGI's). The Library features a Library classroom as well as breakout spaces, and adjacent to the Library in D109 there is a new room for large group instruction (LGI).

Summer School
Nicolet High School Summer School offers a variety of remedial and enrichment summer school programs for current and/or incoming students. Courses traditionally have been offered in areas of English, history, mathematics, business education and physical education. A reading program for students who need assistance is also offered. Please view the Summer School brochure published in early April detailing the summer school offerings.

Health Services
The nursing services at Nicolet provide a wide variety of preventive nursing services as well as emergency first aid. The preventive services include compilation of permanent health records, dissemination of health information to students and to teachers, processing medical excuses for absence and exemption from physical education, exclusion of students with symptoms of communication diseases or illnesses, hearing, vision screenings per parent/guardian request, and consultation on personal health problems of students and employees.

Social Work Services
School social workers are an integral link between school, home and community in helping students achieve academic success and reducing barriers to learning. Barriers may include, but are not limited to: mental health concerns, behavioral difficulties, crisis intervention, truancy, grief, basic family needs, alcohol and other drug abuse, suicide and sudden death, child abuse and neglect, school safety, economic factors and social skills. School social workers assist staff in understanding a student's cultural and familial background factors and help meet the desired educational outcomes of diverse learners. School social workers serve as liaisons to the home and community and coordinate agency/school collaborations in areas such as mental health programs and student re-entry into school after institutional experiences.

Psychological Services
A licensed school psychologist is available to assist students, parents and teacher in promoting student learning, wellness and safety. The Psychologist may meet individually with students and/or their parents to help them resolve difficulties, and she may provide suggestions for assistance in the community. The Psychologist also works closely with the Director of Student Services, Special Education teachers and School Counselors to coordinate referrals and re-evaluation for both Special Education and Section 504 services. The Psychologist works closely with the Administrative team in crisis prevention, planning and management, and assists in developing strategies to support students who experience behavioral issues. The Psychologist works with teachers and staff to develop appropriate interventions for students, and conducts assessments as a member of an IEP team. The Psychologist may provide counseling to students or meet with parents by appointment, or if the need is urgent, on a walk-in basis.

Nondiscrimination
The Board of Education does not discriminate on the basis of Protected Classes of race, color, religion, national origin, sex (including transgender status, change of sex or gender identity), ancestry, creed, pregnancy, marital status, parental status, sexual orientation, or physical, mental, emotional or learning disability, or any other characteristic protected by Federal or State law in its programs or activities.

SPECIAL PROGRAMS

Early College Credit Program (ECCP), Start College Now (SCN) and Dual Enrollment Academy (DEA)

The ECCP, SCN and DEA are new programs that allow students to take courses at a Wisconsin University or Technical College. Please see your counselor for details. A semester course will earn .5 credits at Nicolet and issued a grade of Pass (P) or Fail (F) and will not affect the Grade Point Average.

Open Enrollment

The Nicolet High School District may participate in the Wisconsin Public School Open Enrollment Program in accordance with applicable law and the relevant policies and rules of the District, all as amended from time to time. Applications from non-residents for full-time open enrollment into the Nicolet High School District must (a) be submitted online through the Department of Public Instruction and (b) be received between the first Monday in February and the last, randomly based on whether there is space available for non-resident transfer students, whether the non-resident pupil has been expelled from any school district within the current year or the two (2) preceding school years or whether any disciplinary proceedings are pending involving the non-resident pupil. There is also an opportunity for a part-time open enrollment for non-resident pupils at Nicolet.

Part Time Open Enrollment

Under Part Time Open Enrollment, a student enrolled in any high school grade in a public school may attend a public school in a nonresident school district for the purpose of taking up to two courses at a time. See your counselor for details.

Special Course Offerings

Nicolet Global Scholars Program (GSP) 

The Nicolet Global Scholars Program (GSP) is designed for the Nicolet student who has a special interest and passion for global issues. The challenges today's students will face as tomorrow's leaders will involve working across geographic borders, and with people who have very different backgrounds, beliefs and experiences. In short, diversity and global citizenship are our common future. The goal of the Global Scholars Program is to ensure that students acquire the following 21st Century global skill competencies: appreciation for cultural differences, ability to understand and consider multiple perspectives, critical and comparative thinking skills, problem solving abilities, comfort with change and ambiguity and understanding of significant global issues. Overall, the student will acquire a global mindset to investigate, navigate, participate in and contribute to our globalized world community. Upon completing the 4 year GSP course of study, students will be awarded the WI Global Education Achievement Certificate (GEAC) through Nicolet and the WI Department of Instruction. Students must earn a grade of "B" or better to receive GSP course credit.

4 Year GSP Requirements:
Students graduating from high school may be awarded the distinction of **Wisconsin Global Scholar** if they have completed the following requirements:

- Three **(3) credits** in one **world language** or Intermediate High Proficiency.
- Four **(4) credits** in **courses with global content**. One of those credits may be one year of a second world language.
- Reflections on **eight books** (fiction or nonfiction) with global content. Alternately, up to four reflections may be on art, music or film.
- Participation in **school wide global activities**.
- A minimum of twenty (**20) hours** of **global service learning**.

ACADEMIC AND CAREER PLANNING

Introduction

Academic and Career Planning (ACP) at Nicolet is viewed as a comprehensive program which culminates in the post secondary plan. This involves a process throughout high school, with a somewhat different emphasis and focus each year. It is the objective of the Student Service to provide individual planning for all students. The Nicolet Student Services Department follows the Wisconsin School Counseling Model.

Eighth Grade (Incoming Freshmen)

The Nicolet 9th grade counselor meets with the eighth grade students at Nicolet in January/February during the Future Knights presentation. The meeting introduces the course selection process and students receive links to the Academic and Career Planning Guide and Course Selection Worksheets.

Freshman Year

The 9th grade counselor meets with all students early in the first semester to start developing an Academic and Career Plan (ACP). This four year ACP guides students toward their post high school goals. Counselors discuss current academic performance, co-curricular involvement opportunities, career plans and post high school goals including college options with each student. Students begin the transition to their 10-12 counselor during the second semester of 9th grade.

Sophomore Year

Career assessment programs are emphasized again during the sophomore year through the use of Xello. In spring, students are invited to meet with their counselors to discuss specific post secondary planning procedures. This is called the "Sophomore Conference" and is available for every student in the sophomore class. This meeting is used to goal set and plan for the future. The college planning timetable is discussed and valuable information about college planning steps are introduced using the Student Services Department website.

Junior Year

Counselors provide updates to stress important college planning steps such as testing, college research and the use of Xello. Families are encouraged in late fall of their Junior's year to set up individual meetings with their student's counselor for help with the college search process and post high school planning.

Senior Year

Counselors work with Seniors in early fall to finalize post secondary plans and the college application process.

College Entrance Exams

Detailed information concerning college entrance exams is provided to students in the Sophomore and Junior years. All students who intend to enroll in a four-year college or university are encouraged to take the SAT and/or the ACT at least one time between December and June of their junior year in addition to the required ACT test in March. Statistically, most students improve their test score if they take it a second time.

External Tests

The external tests which students may take are as follows:

1. Pre ACT Secure – Pretest in the ACT series – (Taken 2 times) April - Grade 9 and April - Grade 10 – Required
2. WI Forward Social Studies Assessment – April Grade 10 – Required
3. ACT– Final test in the ACT series – Feb/March – Grade 11 – Required
4. Preliminary Scholastic Aptitude/National Merit Scholarship Qualification Test (PSAT)-October-Grade 11-Nicolet High School
5. Scholastic Aptitude Tests (SAT) – September – June Grades 11 or 12
6. American College Tests (ACT) – September – June Grades 11 or 12
7. Advanced Placement Tests (AP) – Grades 10, 11 or 12 – administered in the first 2 weeks of May. Required for AP Courses

Civics Exam – Graduation requirement taken in U.S. Government

Courses Recommended for College Admissions

If a student intends to attend college, it is very important that students and parents at an early date consider the general requirements for college admission.

A particular pattern of preparation may not meet admissions requirements at all colleges, but a four-year comprehensive and balanced program in the major academic subjects meets most college requirements and/or recommendations.

The University of Wisconsin System Requirements

English: Four years (4.0 credits) emphasizing written and oral communications and literature (competency is determined by college admissions tests). See table on page 17.

Social Studies: Three years (3.0 credits) with emphasis on history and government.

Mathematics: Three years (3.0 credits) including 1.0 credits of algebra, 1.0 credits of geometry and 1.0 credits of advanced algebra or higher math. Some out of state universities require 4.0 credits of math.

Science: Three years (3.0 credits) in such courses as biology, chemistry and or physics.

Electives: Two years (2.0 credits) from above subjects or world language.

Other electives: 2.0 credits

It should be noted that many colleges require two years of the same foreign language for admission, nearly all acknowledge the advantage of such study and many strongly recommend three or four years of a single foreign language.

The foregoing outline of courses represents the pattern of subjects recommended or required by most colleges. Highly selective colleges are frequently concerned regarding the levels at which coursework is complete as well. For information on specific entrance requirements of schools, please contact a counselor.

Further Consideration

To fully utilize opportunities available at Nicolet High School, students are encouraged to become involved in the extra-curricular activities offered by both the school and community. Many colleges view the depth of commitment to these kinds of experiences as an important factor in making admission decisions. This involvement, while important, is not to be viewed as a substitute for a strong academic record.

Other factors involved in the admission process are grade point average, rigor of course work, special talents (e.g., art, music, debate, theatre, athletics), and performance on college entrance tests. In some instances, colleges provide additional consideration to legacies, personal recommendations and the academic strength of the high school.

GRADUATION REQUIREMENTS AND COLLEGE ADMISSION

Subject	Nicolet HS	Minimum College Prep	University of WI System	Selective Universities
English	4 credits	4 credits	4 credits	4+ credits (including honors and/or AP)
Mathematics	3 credits	3 credits (at least Algebra, Geometry, Algebra II)	3 credits (at least Algebra, Geometry, Algebra II)	4 credits (including honors and/or AP)
Science	3 credits	3 credits	3 credits	4 credits (including honors and/or AP)
Social Studies	3 credits	3 credits	3 credits	4 credits (including honors and/or AP)
World Languages	Not required	0-2 credits	2+ credits recommended	3-4 credits (including AP)
Wellness/PE	1.5 credits	1.5 credits	1.5 credits	1.5 credits
Health	.5 credit	.5 credit	.5 credit	.5 credit
Innovation and/or Performing Arts	1.5 credit	1.5 credits	Elective Credit	Elective Credit
Financial Literacy	.5 credits	.5 credit	Elective Credit	Elective Credit
Electives	7 credits	Academic electives	7 academic/elective credits from above areas	Core academic electives recommended
Total	24 credits	16-17 academic credits	17 or more academic credits	18-20 academic credits

FOUR YEAR PLANNING GUIDE

Nicolet Graduation Requirements

- 24 Total Credits
- 2.0 Elective credits from Innovative and/or Performing Arts, including Financial Literacy
- Successful completion of the following subject and credit requirements

Grade 9

Course	Credit
Required:	
☐ World Literature and Composition	1.0
☐ Mathematics	1.0
☐ Biology	1.0
☐ Global History	1.0
☐ Health	0.5
☐ Physical Education	0.5
Electives:	
☐ _____	____
☐ _____	____
☐ _____	____

Grade 10

Course	Credit
Required:	
☐ American Literature and Composition	1.0
☐ Mathematics	1.0
☐ Chemistry	1.0
☐ United States Government	0.5
☐ PE Elective	0.5
☐ Financial Literacy (or Grade 11)	0.5
Electives:	
☐ _____	____
☐ _____	____
☐ _____	____
☐ _____	____
☐ _____	____
☐ Civics Assessment – Graduation Requirement	

Grade 11

Course	Credit
Required:	
☐ English	1.0
☐ Mathematics	1.0
☐ Science Elective	1.0
☐ United States History	1.0
☐ PE Elective	0.5
☐ Financial Literacy (or Grade 10)	0.5
Electives:	
☐ _____	____
☐ _____	____
☐ _____	____
☐ _____	____
☐ _____	____

Grade 12

Course	Credit
Required:	
☐ English	1.0
☐ Economics	0.5
Electives:	
☐ _____	____
☐ _____	____
☐ _____	____
☐ _____	____
☐ _____	____
☐ _____	____
☐ _____	____
☐ _____	____
☐ _____	____

7.0 elective credits are required overall with 1.5 from the Innovation and/or Performing Arts

☐ _____ ____
☐ _____ ____
☐ _____ ____
☐ _____ ____
☐ _____ ____
☐ _____ ____
☐ _____ ____

New Courses for 2026-2027

Written Communication

Are you thinking about attending any of the 16 Technical Colleges in Wisconsin after high school? Are you still undecided about attending a 4 year college but want to improve your writing skills for career or college after high school?

This transcripted semester course through Milwaukee Area Technical College (MATC) develops writing skills which include prewriting, drafting, revising, and editing. A variety of writing assignments are designed to help the learner analyze audience and purpose, research and organize ideas, and format and design documents based on subject matter and content. Also develops critical reading and thinking skills through the analysis of a variety of written documents.

The benefits of this class: It is free! You can earn dual credit at the high school and post-secondary level, but you must earn a "C" or better to receive MATC credit. Transcripted credit agreements are transferable to other Wisconsin technical colleges and may transfer to four-year universities.

Zoology

Botany

Art and Metal Jewlery 2

New Terminology – "INNOVATION ARTS" –
includes the following departments:

Business, Engineering, Technology and Design, Family Consumer Science, and Visual Arts

BUSINESS

Introduction to Accounting	8161
Financial Accounting	8162
Entrepreneurship	8176
Careers and Employment Skills	8130
Introduction to Business	8111
Financial Literacy	8002
Financial Literacy Honors	8003
Marketing Strategy	8177
Sports and Entertainment Marketing	8179
Microsoft® Certification	8140
Retail Mgmt-School Based Enterprise	8174
Internship 1	8211
Internship 2	8212
Internship 3	8213
Internship 4	8214
Career Pathway 1	8215
Career Pathway 2	8216
Career Pathway 3	8217
Career Pathway 4	8218
Youth Apprenticeship	8219

ENGINEERING, TECHNOLOGY and DESIGN

Film and Television 1	8761
Film and Television 2	8762
Nicolet Film & TV Production	8763
Introduction to Technology and Engineering	8781
Engineering Design and Problem Solving	8782
Engineering and Robotics	8783
Fabrication: Woods 1	8791
Fabrication: Woods 2	8792
Fabrication: Metals 1	8793
Fabrication: Metals 2	8794
Interactive Graphics	8771
Production Graphics	8772
Animation	8773
App Development and Game Design	8775
Architectural and Interior Design	8760
Computer Aided Design (CAD) & Prod Devel.	8756
Construction	8758
Consumer Auto and Home Maintenance	8757
Automotive Technology 1	8753
Automotive Technology 2	8754
STEM Research Honors	2905
CTE – Capstone	8766
Capstone: Graphic Focus	8776
Capstone: Engineering & Robotics Focus	8787
Capstone: Fabrication Focus	8796

FAMILY CONSUMER SCIENCE

Culinary Arts 1	8411
Culinary Arts 2	8421
ProStart Culinary Arts& Hospitality Industry	8423
ProStart Culinary Arts and Hospitality Mgmt	8424
Introduction to Teaching	8430
Infant and Toddler Development	8462
Child Development	8464
Early Childhood Education Intro Practicum	8467
Family and Community Relationship	8466
Guiding Child Behaviors	8465
Medical Terminology	8310
Introduction to Healthcare Career	8320

VISUAL ARTS

Drawing and Design 1	9111
Drawing and Design 2	9115
Digital Illustration	9145
Painting	9160
Ceramics and Sculpture	9120
Ceramics and Sculpture 2	9122
Art Metal and Jewelry	9135
Art Metal and Jewelry 2	9137
Advanced Placement Drawing	9195
Advanced Placement 2-D Art and Design	9193
Advanced Placement 3-D Art and Design	9194
Photography 1	9181
Photography 2	9182
Photography 3	9183
Journalism	9186
Yearbook	9185
Video Game Studies 1	9170
Video Game Studies 2	9171

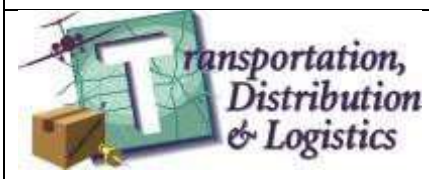
Courses of Study/Career Pathways and Career Clusters

Nicolet High School offers guidance and course opportunities to develop awareness of skills for future careers. The following pages explain career clusters and the pathways one can take within each cluster. They are designed to help students develop a coherent sequence of preparation for college and careers. Utilizing the 16 career clusters, students can identify pathways from high school to two- and four-year colleges, graduate school or directly into the workforce. You can find more information about the career clusters and their pathways at: http://www.wicareerpathways.org

On the following pages, you will find courses recommended for each cluster. Many courses require prerequisites - please see the course description guide to help determine the proper sequencing. The courses are recommendations only and are not intended to direct students away from areas of interest including art, music, theater/drama, career/tech ed, etc. These recommendations are broad in order to match each career cluster, but not all courses are required for each occupation in that cluster. For more information about career choices and relevant courses, see your counselor. *REQUIRED COURSES ARE NOT LISTED ON THE CAREER PATHWAYS PAGES BECAUSE ALL STUDENTS WILL NEED TO TAKE THEM TO FULFILL GRADUATION REQUIREMENTS.

The Sixteen Career Clusters

Agriculture, Food & Natural Resources	The production, processing, marketing, distribution, financing, and development of agricultural commodities and resources including food, fiber, wood products, natural resources, horticulture, and other plant and animal products/resources.
Architecture & Construction	Careers in designing, planning, managing, building and maintaining the built environment.
Arts, A/V Technology & Communications	Designing, producing, exhibiting, performing, writing, and publishing multimedia content including visual and performing arts and design, journalism, and entertainment services.
Business, Management & Administration	Business Management and Administration careers encompass planning, organizing, directing and evaluating business functions essential to efficient and productive business operations. Business Management and Administration career opportunities are available in every sector of the economy.
Education & Training	Planning, managing and providing education and training services, and related learning support services.
Finance	Planning, services for financial and investment planning, banking, insurance, and business financial management.
Government & Public Administration	Executing governmental functions to include Governance, National Security, Foreign Service, Planning, Revenue and Taxation, Regulation, and Management and Administration at the local, state, and federal levels.

	Planning, managing, and providing therapeutic services, diagnostic services, health informatics, support services, and biotechnology research and development.
	Hospitality & Tourism encompasses the management, marketing and operations of restaurants and other foodservices, lodging, attractions, recreation events and travel related services.
	Preparing individuals for employment in career pathways that relate to families and human needs.
	Building Linkages in IT Occupations Framework: For Entry Level, Technical, and Professional Careers Related to the Design, Development, Support and Management of Hardware, Software, Multimedia, and Systems Integration Services.
	Planning, managing, and providing legal, public safety, protective services and homeland security, including professional and technical support services.
	Planning, managing and performing the processing of materials into intermediate or final products and related professional and technical support activities such as production planning and control, maintenance and manufacturing/process engineering.
	Planning, managing, and performing marketing activities to reach organizational objectives.
	Planning, managing, and providing scientific research and professional and technical services (e.g., physical science, social science, engineering) including laboratory and testing services, and research and development services.
	Planning, management, and movement of people, materials, and goods by road, pipeline, air, rail and water and related professional and technical support services such as transportation infrastructure planning and management, logistics services, mobile equipment and facility maintenance.

Agriculture, Food & Natural Resources

Agriculture in Wisconsin includes science, marketing, service, production, supply, processing, and preservation of the food supply, plants, animals and natural resources. This area employs over 12 percent of Wisconsin's workforce.









Do you have an interest in:

Animals

- □ Working with sick or injured animals
- □ Working with companion animals like dogs and cats
- □ Working with unique species such as fish for food
- □ A medical field
- □ Marine biology

Plants

- □ Caring for plants in your home or yard
- □ Designing landscapes for homes or businesses
- □ Developing new plants or modifying existing ones
- □ What plants need to grow successfully

Natural Resources

- □ Native fish and their aquatic habits
- □ Forest ecosystems
- □ Preservation of endangered species
- □ Wolves and whitetails in Wisconsin

Foods

- □ What makes bread rise and soda fizz
- □ Being a food scientist
- □ Designing new food and flavors
- □ How science is used to process your food

PATHWAYS IN THIS CLUSTER

- Food Products and Processing Systems
- Plant Systems
- Animal Systems
- Power, Structural & Technical Systems
- Natural Resource Systems
- Environmental Service Systems
- Agribusiness Systems

Recommended Courses for this Cluster:

Accounting
Architectural Design
Anatomy & Physiology – Internal Organ Systems
Anatomy & Physiology – Musculoskeletal & Neurology
AP Calculus AB/BC
Quantitative Reasoning AP Biology
Certify Me
AP Chemistry
AP Economics
AP Enviro Science
AP Statistics
Business Management
Chemistry
Consumer Economics
Culinary Arts 1 & 2
Statistics
Eng and Robotics 1-4
Environmental Science
Environmental Science & Outdoor Pursuits
Fabrication 1-4
Financial Literacy
Internship
Fabrication Capstone
Fabrication Incubator
Fndn Colg Calc & Stats
Psychology
Intro to Healthcare Careers
Medical Terminology
Sociology
World Languages
Global Scholars
Eng & Robotic Capstone
Eng & Robotic Incubator
Zoology
Botany

Career Options

FROM HIGH SCHOOL

On-the-job training and/or minimal experience

Bee Keeper
Crop Sprayer
Farm Worker
Fisherman
Landscape Laborer
Logger
Nursery Worker
Pet Groomer
Pet Shop Worker
Stable Worker
Vet Hospital Worker

CAREERS WITH CERTIFICATION/ASSOCIATE DEGREE

Community college, technical college, apprenticeship, experience

Animal Control Officer
Arborist
Animal Nutritionist
Bio-Tech Lab Technician
Cheese Maker
Crop &/or Animal Farmer
Environmental Technician
Ferrier
Fish & Game Officer
Forestry Technician
Genetic Technologist
Golf Course Manager
Greenhouse Manager
Horticulturist
Landscape Designer
Quality Food Control
Turf Manager
Veterinary Technician
Waste Water Technician

BACHELORS, Pre-PROFESSIONAL or HIGHER DEGREE

Colleges/Universities

Agricultural Engineer
Agricultural Economist
Agricultural Educator
Agriculture Banker
Animal Psychologist
Agricultural Sales & Communications
Animal Scientist
Biochemist
Agricultural Commodities Broker
Food Scientist
Botanist
Entomologist
Geneticist
Forester
Game Warden
Marine Biologist
Greenhouse Operator
Landscape Architect
Soil Scientist
Plant Pathologist
Soil Geologist
Veterinarian
Toxicologist
USDA Inspector
Wild Life Biologist
Zoologist

Related Co-Curricular, Student Organizations & Activities:

Athletics
STEM Club
FEAR (Robotics)

Architecture & Construction

Careers in designing, planning, managing, building, and maintaining the built environment.



INTERESTS & ABILITIES

Activities that describe what I like to do:

□ Read and follow blueprints and/or instructions.
□ Picture in my mind what a finished product looks like.

Work with my hands:

□ Perform work that requires precise results.
□ Solve technical problems.
□ Visit and learn from beautiful, historic, or interesting buildings.
□ Follow logical, step-by-step procedures.

Personal qualities that describe me:

□ Curious
□ Good at following directions
□ Pay attention to detail
□ Good at visualizing possibilities
□ Patient and persistent

School subjects that I like:

□ Math
□ Drafting
□ Physical Sciences
□ Construction Trades
□ Electrical Trades/Heat, Air Conditioning and Refrigeration/Technology Education

PATHWAYS IN THIS CLUSTER

- Design/Pre-Construction
- Construction
- Maintenance/Operations

Recommended Courses for this Cluster:

Visual Arts	Financial Literacy	Internship	Physics
AP Precalculus	Engineering & Robotics 1-4	Environmental Science	AP Physics
Digital Illustration	Consumer Economics	AP Environmental Science	World Languages
Yearbook	Film & Television 1 & 2	Certify Me	Business Management
AP Economics	Graphics 1-4	Statistics	Financial Literacy
Multimedia Design	Architectural Design	AP Statistics	Microsoft Certification 1 & 2
Fabrication 1-4	Fabrication Capstone	AP Calculus	Fndn to College Calc & Stats
Global Scholars	Eng & Robotic Incubator	Eng & Robotic Capstone	Graphics Capstone
Fabrication Incubator			Quantitative Reasoning

Career Options

Architecture & Construction

FROM HIGH SCHOOL

On-the-job training and/or minimal experience

- Construction Laborer
- Construction Worker Helper
- Fence Builder
- Highway Maintenance Worker

CAREERS WITH CERTIFICATION/ASSOCIATE DEGREE

Community college, technical college, apprenticeship, experience

- Air Conditioning Technician
- Architectural Drafter
- Bricklayer
- Carpenter
- Cement Mason
- Drywall Installer
- Electrician
- Glazier
- Pipe fitter
- Plasterer
- Plumber
- Tile Setter

BACHELORS, Pre-PROFESSIONAL or HIGHER DEGREE

Colleges/Universities

- Architect
- Building Contractor
- C.A.D. Designer
- Civil Engineer
- Cost Estimator
- Electrical Engineer
- Grounds Supervisor
- Interior Design
- Landscape Architect

Related Co-Curricular, Student Organizations & Activities:

- Stage Crew
- FEAR (Robotics)
- Yearbook
- STEM Club
- Science and Engineering Fair
- Science Club



Designing, producing, exhibiting, performing, writing, and publishing multimedia content including visual and performing arts and design, journalism, and entertainment services.





INTERESTS & ABILITIES

Activities that describe what I like to do:

- □ Use my imagination to communicate new information to others.
- □ Perform in front of others.
- □ Read and write.
- □ Play a musical instrument.
- □ Perform creative, artistic activities.
- □ Use video and recording technology.
- □ Design brochures and posters.

Personal qualities that describe me:

- □ Creative and imaginative
- □ Good communicator/good vocabulary
- □ Curious about new technology
- □ Relate well to feelings and thoughts of others
- □ Determined/tenacious

School subjects that I like:

- □ Art/Graphic design
- □ Music
- □ Speech and Drama
- □ Journalism/Literature
- □ Audiovisual Technologies

PATHWAYS IN THIS CLUSTER

- Audio and Video Technology and Film
- Printing Technology
- Visual Arts
- Performing Arts
- Journalism and Broadcasting
- Telecommunications

Recommended Courses for this Cluster:

Yearbook	Music Theory	Concert Band	AP Studio Art
Multimedia Design	Mixed Choir	Symphonic Band	AP Computer Science
Graphics 1-4	Sinfonia	Pop Combo	Computer Programming 1
Film & Television 1 & 2	Worlds of Music	Jazz Combo	Computer Programming 2
Digital Illustration	Intermediate Electric Piano	Independent Study in Music	World Languages
Internship	Beginning Electric Music	Communication	Photo Journalism
Performing Arts	Concert Choir	Drawing and Design 1, 2	Film Studies
Tech Theatre I & II	Vocal Jazz Ensemble	Painting	AP Language & Composition
Big Bands	Chamber Singers	Photography 1, 2, 3	AP Literature & Composition
Advanced Scene Study	Chamber Orchestra	Art Metal & Jewelry	Creative Writing
Visual Arts	Philharmonia	Independent Study in Art	AP Psychology
Global Scholars	Graphics Capstone	Digital Video Capstone	Graphics Incubator
Digital Video Incubator	Certify Me	Quantitative Reasoning	

Career Options

FROM HIGH SCHOOL

On-the-job training and/or minimal experience

Floral Designer
Proofreader
Photographer
Food Stylist
Stained Glass
Pre-Press
Musician
Mural Painter
Sign Designer/Painter

CAREERS WITH CERTIFICATION/ASSOCIATE DEGREE

Community college, technical college, apprenticeship, experience

Animator
Broadcast Technician
Craft Artist
Printing Press Operator
Taxidermist
Sign Painter
Graphic Designer
Bookbinder
Caption Writer
Prepress Technician
Recording Technician
Public Relations Manager
Potter
Communications Line Maintainers

BACHELORS, Pre-PROFESSIONAL or HIGHER DEGREE

Colleges/Universities

Artist/Musician
Copy Editor
Potter
Illustrator
Interior Decorator
Art Therapist
Journalist
Cinematographer
Dancer
Set Designers
Jeweler
Art Teacher
Graphic Designer
Composer
Photographer
Reporter
Architect
Art Professor
Videographer

Related Co-Curricular, Student Organizations & Activities:

Band
Choir
Jazz Band
Composition Club
Musical
Student Council
Cheerleading
Dance Team
Forensics
Debate Team
Nicolet Photography Club
Nicolet Film Society
Yearbook
Thespian Society
Stage Crew
Fall/Spring Play
Anime Club
Nicolet Independent Theatre Troupe

Business Management and Administration careers encompass planning, organizing, directing and evaluating business functions essential to efficient and productive business operations. Business Management and Administration career opportunities are available in every sector of the economy.



INTERESTS & ABILITIES

Activities that describe what I like to do:

- □ Perform routine, organized activities but can be flexible.
- □ Work with numbers and detailed information.
- □ Be the leader in a group.
- □ Make business contact with people.
- □ Work with computer programs.
- □ Create reports and communicate ideas.
- □ Plan my work and follow instructions without close supervision.

Personal qualities that describe me:

- □ Organized
- □ Practical and logical
- □ Patient
- □ Tactful
- □ Responsible

School subjects that I like:

- □ Computer Applications/Business and Information Technology
- □ Accounting
- □ Math
- □ English
- □ Economics

PATHWAYS IN THIS CLUSTER

- General Management
- Business Information Management
- Human Resources
- Operations Management
- Administration Services

Recommended Courses for this Cluster:

Accounting	Consumer Economics	Computer Programming	Sociology
Business Management	AP Economics	AP Computer Science	Psychology
Careers & Employment	Microsoft Certification 1 & 2	AP Micro & Macro Econ	Pre-Calculus
Financial Literacy	Graphics 1-4	AP Language	AP Calculus
Marketing Strategy	World Languages	Statistics	Fndn to College Calc & Stats
Communication	Global Scholars	Physical Education	AP Statistics
Internship	Graphics Capstone	Graphics Incubator	Certify Me
Quantitative Reasoning			

Career Options

Business, Management & Administration

FROM HIGH SCHOOL

On-the-job training and/or minimal experience

Bank Teller	Caterer	File Clerk
Mail Clerk	Meter Reader	Receptionist
Sales Clerk	Typist	Telephone Operator

CAREERS WITH CERTIFICATION/ASSOCIATE DEGREE

Community college, technical college, apprenticeship, experience

Accountant	Computer Operator	Administrative Assistant
Kennel Operator	Court Reporter	Small Business Owner
Stenographer	Tax Preparer	

BACHELORS, Pre-PROFESSIONAL or HIGHER DEGREE

Colleges/Universities

Advertising Manager	Art Director
Business and Industry	Consultant
Health Care Administrator	Human Resource Manager
Marketing Manager	Sales Representative
Theater Manager	Travel Agency Manager

Related Co-Curricular, Student Organizations & Activities:

Debate	World Language Clubs	National Honor Society
Forensics	Gay/Straight Alliance	World Language Honor Societies
Student Council	National Business Honor Society	



Planning, managing, and providing education and training services, and related learning support services.



INTERESTS & ABILITIES

Activities that describe what I like to do:

□ Communicate with different types of people.
□ Help others with their homework or to learn new things.
□ Go to school.
□ Direct and plan activities for others.
□ Handle several responsibilities at once.
□ Acquire new information.
□ Help people overcome their challenges.

Personal qualities that describe me:

□ Friendly
□ Decision maker
□ Helpful
□ Innovative/Inquisitive
□ Good listener

School subjects that I like:

□ Language Arts
□ Social Studies
□ Math
□ Science
□ Psychology

PATHWAYS IN THIS CLUSTER

- Administration & Administrative Support
- Professional Support Services
- Teaching/Training

Recommended Courses for this Cluster:

Financial Literacy	AP Statistics
AP Government	Statistics/Calculus
AP Language and Composition	Internship
AP Biology	Microsoft Office Certification
AP Chemistry	AP Psychology
AP Economics	Multimedia Design
Psychology	Leadership for Social Justice
AP Physics	Sociology
AP Environmental	World Languages
Anatomy & Physics	AP History
Physics of the Universe	Child Development
Statistics	Visual Arts
World Literature	Performing Arts
Modern Literature	AP Literature & Composition
Graphics 1-4	Graphics Capstone & Incubator
Film & Television 1 & 2	Dig Video & Broadcasting Capstone
Certify Me	Dig Video & Broadcasting Incubator
Introduction to Teaching	Communication Honors

**Students interested in secondary education should take as many relevant courses in the area in which they wish to teach. For example, if you are interested in teaching history, take a wide variety of social studies courses/ art teacher- take all art courses.*

** Education majors should consider volunteering at the elementary/middle school level in the junior/senior year.*

Career Options

Education & Training

FROM HIGH SCHOOL

On-the-job training and/or minimal experience

Aerobics Instructor
Child Care Assistant
Dance Teacher
Library Assistant
Self-Enrichment Teacher

CAREERS WITH CERTIFICATION/ASSOCIATE DEGREE

Community college, technical college, apprenticeship, experience

Preschool Teacher
Teacher Assistant
Sign Language Interpreter

BACHELORS, Pre-PROFESSIONAL or HIGHER DEGREE

Colleges/Universities

Apprenticeship Consultant
Educational Administrator
Kindergarten Teacher
Secondary School Teacher
Vocational Education Teacher
University Researcher
Bilingual Educator
Instructional Coordinator
School Psychologist
Teacher of the Blind
Agri-Science Instructor

Related Co-Curricular, Student Organizations & Activities:

Student Council
Best Buddies
National Honor Society
Volunteer Club
Student Mentors
Star Tutors
Yearbook
Community Service Club
Athletics
Educators Rising
Multicultural Club
Yoga & Mindfulness Club
Dance Team
Student Internship



Planning, services for financial and investment planning, banking, insurance, and business financial management.



INTERESTS & ABILITIES

Activities that describe what I like to do:

□ Work with numbers.
□ Work to meet a deadline.
□ Make predictions based on existing facts.
□ Have a framework of rules by which to operate.
□ Analyze financial information and interpret it to others.
□ Handle money with accuracy and reliability.
□ Take pride in the way I dress and look.

Personal qualities that describe me:

□ Trustworthy
□ Orderly
□ Self-confident
□ Logical
□ Methodical or efficient

School subjects that I like:

□ Accounting
□ Math
□ Economics
□ Banking/Financial Services
□ Business Law

PATHWAYS IN THIS CLUSTER

- Securities & Investments
- Business Finance
- Banking Services
- Accounting
- Insurance

Recommended Courses for this Cluster:

Accounting
Business Management
Microsoft Certification 1 & 2
Financial Literacy
Marketing Strategy
Intro to Teaching

Consumer Economics
AP Micro & Macro Economics
Psychology
Statistics
AP Psychology

AP Statistics
Graphics
World Languages
Internship
Pre Calculus

Multimedia Design
AP Calculus
Careers and Employment Skills
Global Scholars
Quantitative Reasoning

Career Options

FROM HIGH SCHOOL

On-the-job training and/or minimal experience

Bill & Account Collector
Brokerage Clerk
Cashier

CAREERS WITH CERTIFICATION/ASSOCIATE DEGREE

Community college, technical college, apprenticeship, experience

Accountant
Claim Adjuster
Insurance Agent
Loan Officer
Brokerage Clerk
Financial Institution Manager
Investigator & Adjustor
Personal Property Appraiser

BACHELORS, Pre-PROFESSIONAL or HIGHER DEGREE

Colleges/Universities

Accountant
Auditor
Business & Industry Consultant
Credit Analyst
Insurance Underwriter
Actuary
Brokerage Clerk
Controller
Credit Card Operations Manager
Investment Advisor

CLUSTER KNOWLEDGE & SKILLS

Academic Foundations, Communications, Problem Solving & Critical Thinking, Information Technology Applications, Systems, Safety-Health-Environmental, Leadership & Teamwork, Ethics & Legal Responsibilities, Employability & Career Development, Technical Skills

Finance

Related Co-Curricular, Student Organizations & Activities:

FED Challenge
National Business Honor Society
Student Council
Forensics
Math Team

Government & Public Administration

Executing governmental functions to include governance: national security; foreign service; planning; revenue and taxation; regulation; and management and administration at the local, state, and federal levels.



INTERESTS & ABILITIES

Activities that describe what I like to do:

□ Be involved in politics.
□ Negotiate, defend, and debate ideas and topics.
□ Plan activities and work cooperatively with others.
□ Work with details.
□ Perform a variety of duties that may change often.
□ Analyze information and interpret it to others.
□ Travel and see things that are new to me.

Personal qualities that describe me:

□ Good communicator
□ Competitive
□ Service minded
□ Well organized
□ Problem solver

School subjects that I like:

□ Government
□ Language Arts
□ History
□ Math
□ Foreign Language

PATHWAYS IN THIS CLUSTER

- Governance
- National Security
- Foreign Service
- Planning
- Revenue and Taxation
- Regulation
- Public Management & Administration

Recommended Courses for this Cluster:

AP Psychology
AP US History
AP European History
Graphics 1-4
Accounting
AP Language and Composition
AP European History
AP Economics
World Languages
Psychology
U.S. Government
AP Government and Politics
Global Scholars
Graphics Capstone
Sociology
AP Environmental Science
Communication
History of American
United States Presidential
Elections
Graphics Incubator
Business Management
Quantitative Reasoning
Statistics
AP Statistics
Career and Employment Skills
Internship
Quantitative Reasoning

Career Options

FROM HIGH SCHOOL

On-the-job training and/or minimal experience

Mail Carrier
Postal Clerk/Drivers
License Examiner
License Clerks
Special Forces
Infantry Forces
Mail Handling Machine Operator

CAREERS WITH CERTIFICATION/ASSOCIATE DEGREE

Community college, technical college, apprenticeship, experience

Coroner
City Planning Aid
Building Inspector
Title Examiner
Accountant
Association Executive
Translator/Interpreter
Postmaster
Transportation Inspector

BACHELORS, Pre-PROFESSIONAL or HIGHER DEGREE

Colleges/Universities

Legislator
City Manager
Emergency Management Specialist
Accountant
Lawyer
Political Scientist
Urban Planner
Infantry Officer
Aviation Security Specialist
Apprenticeship
Consultant
Special Operations Officer

CLUSTER KNOWLEDGE & SKILLS

Academic Foundations, Communications, Problem Solving & Critical Thinking, Information Technology, Systems, Safety-Health-Environment, Leadership & Teamwork, Ethics & Legal Responsibilities, Employability & Career Development, Technical Skills, Fiscal Responsibilities

Related Co-Curricular, Student Organizations & Activities:

National Honor Society
Student Council
Nicolet Forensics Team
Model UN
Debate Team
Best Buddies
World Language Clubs
Gay/Straight Alliance
Mock Trial



Planning, managing, and providing therapeutic services, diagnostic services, health informatics, support services, and biotechnology research and development.



INTERESTS & ABILITIES

Activities that describe what I like to do:

□ Work under pressure.
□ Help sick people and animals.
□ Make decisions based on logic and information.
□ Participate in health and science classes.
□ Respond quickly and calmly in emergencies.
□ Work as a member of a team.
□ Follow guidelines precisely and meet strict standards of accuracy.

Personal qualities that describe me:

□ Compassionate and caring
□ Good at following directions
□ Conscientious and careful
□ Patient
□ Good listener

School subjects that I like:

□ Biological Sciences
□ Chemistry
□ Math
□ Occupational Health classes
□ Language Arts

PATHWAYS IN THIS CLUSTER

- Therapeutic Services
- Diagnostic Services
- Health Informatics
- Support Services
- Biotechnology Research and Development

Recommended Courses for this Cluster:

Sociology
Psychology
World Languages
AP Biology
Science & Engineering Seminar
Global Scholars
AP Psychology

Yoga & Pilates

Chemistry
AP Chemistry
Anatomy and Physiology
Physics
AP Physics 1, C
Medical Terminology
Health Class

Statistics
AP Statistics
Internship
Pre Calculus
Fndn to College Calculus & Statistics
Introduction to Healthcare Careers

Child Guidance
Lifetime Fitness
AP Calculus AB
AP Calculus BC
Quantitative Reasoning

Introduction to Sports Medicine

Career Options

FROM HIGH SCHOOL

On-the-job training and/or minimal experience

Certified Nursing Assistant
Clerk
Food Service Worker
Hospital Admitting

CAREERS WITH CERTIFICATION/ASSOCIATE DEGREE

Community college, technical college, apprenticeship, experience

Massage Therapist
Physical Therapy Aide
Ultrasound Technician
Home Health Aide
Surgical Technician
Translator & Interpreter
Radiology Technologist
Registered Nurse
Emergency Medical Technician

BACHELORS, Pre-PROFESSIONAL or HIGHER DEGREE

Colleges/Universities

Athletic Trainer
Dentist
Occupational Therapist
Primary Care Physician
Speech/Lang Pathologist
Chiropractor
Dietician
Pharmacist
Psychiatrist
Surgeon
Nurse Practitioner
Radiation Therapist
Physical Therapist
Laboratory Scientist

CLUSTER KNOWLEDGE & SKILLS

Academic foundation, Communications, Systems, Employability Skills, Legal Responsibilities, Ethics, Safety Practices, Teamwork, Health Maintenance Practices, Technical Skills, Information Technology Applications.

Health Science

Related Co-Curricular, Student Organizations & Activities:

Best Buddies
Science and Engineering Fair
Forensics
Athletics
World Language Clubs
STEM Club

Hospitality and Tourism encompasses the management, marketing and operations of restaurants and other food service, lodging, attractions, and recreation events and travel-related services.





INTERESTS & ABILITIES

Activities that describe what I like to do:

□ Investigate new places and activities.
□ Work with all ages and types of people.
□ Organize activities in which other people enjoy themselves.
□ Have a flexible schedule.
□ Help people make up their minds.
□ Communicate easily, tactfully, and courteously.
□ Learn about other cultures.

Personal qualities that describe me:

□ Tactful
□ Self-motivated
□ Works well with others
□ Outgoing
□ Slow to anger

School subjects that I like:

□ Language Arts/Speech
□ Foreign Language
□ Social Sciences
□ Marketing
□ Food Services

PATHWAYS IN THIS CLUSTER

- Restaurant and Food/Beverage Services
- Lodging
- Travel & Tourism
- Recreation, Amusements & Attractions

Recommended Courses for this Cluster:

Photography 1, 2, 3
Business Management
Sociology
Visual Arts
Global Scholars
Graphics 1-4
Dig Video & Broadcasting Incubator
Consumer Economics
Internship
World Languages
Performing Arts
Enviro Science & Outdoor Pursuits
Graphics Capstone
Quantitative Reasoning
Culinary Arts 1 & 2
Marketing Strategy
Statistics
AP European History
Communication
Graphics Incubator
Psychology
AP Economics
AP Psychology
AP Statistics
Film & Television 1 & 2
Digital Vid & Broadcast Capstone

Career Options

Hospitality & Tourism

FROM HIGH SCHOOL

On-the-job training and/or minimal experience

Baggage Porter & Bellhop
Day Worker
Concierge
Usher
Cake Decorator
Food Attendant
Gaming Change Person & Booth Cashier
Furniture Refinisher
Guide
Wardrobe & Dressing Room Attendant

CAREERS WITH CERTIFICATION/ASSOCIATE DEGREE

Community college, technical college, apprenticeship, experience

Club Manager
Household Manager
Recreation Director
Conference Planner
Taxidermist
Restaurant Manager
Food Service Supervisor
Motel & Hotel Manager
Translator (Interpreter)

BACHELORS, Pre-PROFESSIONAL or HIGHER DEGREE

Colleges/Universities

Archivist
Curator
Recreation Director
Zookeeper
Coaches
Historian
Theatre Manager
Hotel Manager
Conservation Technician
Park Ranger
Translator/Interpreter

CLUSTER KNOWLEDGE & SKILLS

Academic Foundations, Communications, Problem Solving & Critical Thinking, Information Technology Applications, Systems, Safety-Health -Environmental, Leadership & Teamwork, Ethics & Legal Responsibilities, Employability & Career Development, Technical Skills

Related Co-Curricular, Student Organizations & Activities:

Best Buddies
National History Day Club
Asian and Pacific Islander Club
World Language Clubs
Yearbook
Kpop Club
Student Council
Athletics
World Language Honor Societies

Preparing individuals for employment in career pathways that relate to families and human needs.



INTERESTS & ABILITIES

Activities that describe what I like to do:

□ Care about people, their needs, and their problems.
□ Participate in community services and/or volunteering.
□ Listen to other people's viewpoints.
□ Help people be at their best.
□ Work with people from preschool age to old age.
□ Think of new ways to do things.
□ Make friends with different kinds of people.

Personal qualities that describe me:

□ Good communicator/good listener
□ Caring
□ Non-materialistic
□ Uses intuition and logic
□ Non-judgmental

School subjects that I like:

□ Language Arts
□ Psychology/Sociology
□ Family and Consumer Sciences
□ Finance
□ World Language

PATHWAYS IN THIS CLUSTER

- Early Childhood Development & Services
- Counseling & Mental Health Services
- Family & Community Services
- Personal Care Services
- Consumer Services

Recommended Courses for this Cluster:

AP Biology	Leadership for Social Justice	Child Development	World Languages
Chemistry	Consumer Economics	Culinary Arts 1 & 2	Statistics
AP Chemistry	Financial Literacy	Lifetime Fitness	AP Statistics
Psychology	Accounting	Internship	Physical Education
AP Psychology	Family & Community Relationships	Anatomy	Wellness Classes
Introduction to Healthcare	Medical Terminology	Visual Arts	Performing Arts
Careers	Communication	Sociology	Global Scholars
Quantitative Reasoning	Infant & Toddler Development	Child Behavior	

Career Options

Human Services

FROM HIGH SCHOOL

On-the-job training and/or minimal experience

Aerobics Instructor
Crossing Guard
Household Cook
Nanny

CAREERS WITH CERTIFICATION/ASSOCIATE DEGREE

Community college, technical college, apprenticeship, experience

Community Organization Worker
Funeral Director
Nail Technician
Shoe Repairer
Cosmetologist
Institutional Cook
Preschool Teacher
Skin Care Specialist

BACHELORS, Pre-PROFESSIONAL or HIGHER DEGREE

Colleges/Universities

Dietician
Placement Counselor
Psychologist
Sociologist
Vocational Rehab Counselor
Personal Trainer
Investment Advisor
Psychiatrist
School Counselor
Social Worker
Athletic Trainer

CLUSTER KNOWLEDGE & SKILLS

Academic Foundations, Communications, Problem Solving & Critical Thinking, Information Technology Applications, Systems, Safety-Health-Environmental, Leadership & Teamwork, Ethics & Legal Responsibilities, Employability & Career Development, Technical Skills

Related Co-Curricular, Student Organizations & Activities:

Athletics
Multicultural Club
Gay/Straight Alliance
STEM
Yoga and Mindfulness Club
Best Buddies
Asian/Pacific Islander Club
World Language Honor Societies
Environmental Club
Student Council
Science and Engineering Fair
World Language Clubs

Information Technology

Building linkages in IT occupations framework for entry level, technical, and professional careers related to the design, development, support and management of hardware, software, multimedia, and systems integration services.





INTERESTS & ABILITIES

Activities that describe what I like to do:

□ Work with computers.
□ Reason clearly and logically to solve complex problems.
□ Use machines, techniques, and processes.
□ Read technical materials and diagrams and solve technical problems.
□ Adapt to change.
□ Play video games and figure out how they work.
□ Concentrate for long periods without being distracted.

Personal qualities that describe me:

□ Logic/analytical thinker
□ See details in the big picture
□ Persistent
□ Good concentration skills
□ Precise and accurate

School subjects that I like:

□ Math
□ Science
□ Computer Tech/Applications
□ Communications
□ Digital Illustration

PATHWAYS IN THIS CLUSTER

- Network Systems
- Information Support & Services
- Programming and Software Development
- Web & Digital Communications

Recommended Courses for this Cluster:

Business Management
Marketing Strategy
Graphics 1-4
Microsoft Certification 1 & 2
Mobile Apps & Game Design 1 & 2
Global Scholars
Certify Me

Computer Programming
AP Computer Science
AP Statistics
Digital Illustration
3D Animation
Film & Television 1 & 2

Music
Fabrication
Photography 1, 2, 3
Engineering & Robotics
Statistics
Graphics Capstone

Physics
AP Physics
Tech Theatre 1 & 2
Yearbook
Pre Calculus
Graphics Incubator
Quantitative Reasoning

Career Options

Information Technology

FROM HIGH SCHOOL

On-the-job training and/or minimal experience

Careers in this field require more than minimal experience or on-the-job training

CAREERS WITH CERTIFICATION/ASSOCIATE DEGREE

Community college, technical college, apprenticeship, experience

Computer Programmer
Computer Systems Analyst
Tool Programmer
Computer Support Specialist
Data Communications Analyst
Webmaster

BACHELORS, Pre-PROFESSIONAL or HIGHER DEGREE

Colleges/Universities

Animator
Computer Network Coordinator
Illustrator
Software Engineer
Computer Engineer
Database Administrator
Scientific & Engineering Programmer
Webmaster

CLUSTER KNOWLEDGE & SKILLS

Academic Foundations, Communications, Problem Solving & Critical Thinking, Information Technology Applications, Systems, Safety-Health-Environmental, Leadership & Teamwork, Ethics & Legal Responsibilities, Employability & Career Development, Technical Skills

Related Co-Curricular, Student Organizations & Activities:

FEAR (Robotics)
STEM Club
Yearbook



Planning, managing, and providing legal, public safety, protective services and homeland security, including professional and technical support services.







INTERESTS & ABILITIES

Activities that describe what I like to do:

□ Work under pressure or in the face of danger.
□ Make decisions based on my own observations.
□ Interact with other people.
□ Be in positions of authority.
□ Respect rules and regulations.
□ Debate and win arguments.
□ Observe and analyze people's behavior.

Personal qualities that describe me:

□ Adventurous
□ Dependable
□ Community-minded
□ Decisive
□ Optimistic

School subjects that I like:

□ Language Arts
□ Psychology/Sociology
□ Government/History
□ Law Enforcement
□ First Aid/First Responder

PATHWAYS IN THIS CLUSTER

- Correction Services
- Emergency & Fire Management Services
- Security & Protective Services
- Law Enforcement Services
- Legal Services

Recommended Courses for this Cluster:

Psychology	AP US Government & Politics	AP Physics	World Languages
Sociology	Leadership for Social Justice	AP Biology	Internship
AP US History	Chemistry	Physical Education	Health
AP European History	AP Chemistry	Anatomy & Physiology	Statistics
AP Psychology	Physics	Wellness Classes	AP Language
AP Literature	Communication	AP Statistics	Global Scholars
Quantitative Reasoning			

Career Options

Law, Public Safety, Corrections & Security

FROM HIGH SCHOOL

On-the-job training and/or minimal experience

Correctional Officer
Crossing Guard
Dispatcher
Parking Enforcement Officer
Security Guard

CAREERS WITH CERTIFICATION/ASSOCIATE DEGREE

Community college, technical college, apprenticeship, experience

Bailiff	Court Reporter	Firefighter
Private Detective	Legal Secretary	Paralegal Assistant
Park Ranger	Police Officer	Emergency Medical Technician

BACHELORS, Pre-PROFESSIONAL or HIGHER DEGREE

Colleges/Universities

Adjudicator	Arbitrator	FBI Agent
Judge	Judicial Law Clerk	Lawyer
Forensic Science Technician	Probation and Parole Officer	

CLUSTER KNOWLEDGE & SKILLS

Academic Foundations, Communications, Problem Solving & Critical Thinking, Information Technology Applications, Systems, Safety-Health-Environmental, Leadership & Teamwork, Ethics & Legal Responsibilities, Employability & Career Development, Technical Skills

Related Co-Curricular, Student Organizations & Activities:

Student Council	Forensics	Best Buddies
National Honor Society	Science Fair	Multicultural Club
Debate	STEM Club	Gay/Straight Alliance
National History Day Club		

Manufacturing

Planning, managing and performing the processing of materials into intermediate or final products and related professional and technical support activities such as production planning and control, maintenance, and manufacturing/process engineering.





INTERESTS & ABILITIES

Activities that describe what I like to do:

□ Work with my hands and learn that way.
□ Put things together.
□ Do routine, organized and accurate work.
□ Perform activities that produce tangible results.
□ Apply math to work out solutions.
□ Use hand and power tools and operate equipment/machinery.
□ Visualize objects in three dimensions from flat drawings.

Personal qualities that describe me:

□ Practical
□ Observant
□ Physically active
□ Step-by-step thinker
□ Coordinated

School subjects that I like:

□ Math-Geometry
□ Chemistry
□ Trade and Industry courses
□ Physics
□ Language Arts

PATHWAYS IN THIS CLUSTER

- Production
- Manufacturing Production Process Development
- Maintenance, Installation & Repair
- Quality Assurance
- Logistics & Inventory Control
- Health, Safety & Environmental Assurance

Recommended Courses for this Cluster:

Environmental Science &
Outdoor Pursuit
Physics
Architectural Design
Pre-Calculus
Certify Me
Digital Video & Broadcasting 1-4

Engineering & Robotics 1-4
AP Physics
Advanced Robotics
Chemistry
AP Chemistry
Fabrication Capstone
Fabrication Incubator

Statistics
AP Statistics
Environmental Science
AP Environmental Science
Internship
Fabrication 1-4
Eng & Robotics Capstone
Eng & Robotics Incubator

World Languages
AP Economics
AP Calculus AB
AP Calculus BC
Global Scholars
Graphics 1-4
Graphics Capstone
Graphics Incubator

Career Options

Manufacturing

FROM HIGH SCHOOL

On-the-job training and/or minimal experience

Apparel & Home Furnishings
Brush Painter
Hand Worker
Order Filler
Production Assembler
Dyer
Engraver
Oil Well Driller
Production and Planning Clerk
Tire Builder

CAREERS WITH CERTIFICATION/ASSOCIATE DEGREE

Community college, technical college, apprenticeship, experience

Apparel Pattern Maker
Computer Technician
Electric Motor Technician
Musical Instrument Repairer
Tool and Die Maker
Combination Welder
Electrical Appliance Repair
Locksmith
Quality Control Technician

BACHELORS, Pre-PROFESSIONAL or HIGHER DEGREE

Colleges/Universities

Communications Operations Manager
Electrical Engineer
Engineering Manager
Industrial Engineer
Occupational Health & Safety
Production Supervisor
Electronic Engineer
Environmental Engineer
Mechanical Engineer
Inspector

CLUSTER KNOWLEDGE & SKILLS

Academic Foundations, Communications, Problem Solving & Critical Thinking, Information Technology Applications, Systems, Safety-Health-Environmental, Leadership & Teamwork, Ethics & Legal Responsibilities, Employability & Career Development, Technical Skills

Related Co-Curricular, Student Organizations & Activities:

Math Team
FEAR (Robotics)
STEM Club
Science and Engineering Fair

Marketing, Sales & Service

Planning, managing, and performing marketing activities to reach organizational objectives.





INTERESTS & ABILITIES

Activities that describe what I like to do:

□ Shop and go to the mall.
□ Be in charge.
□ Make displays and promote ideas.
□ Give presentations and enjoy public speaking.
□ Persuade people to buy products or to participate in activities.
□ Communicate my ideas to other people.
□ Take advantage of opportunities to make extra money.

Personal qualities that describe me:

□ Enthusiastic
□ Competitive
□ Creative
□ Self-motivated
□ Persuasive

School subjects that I like:

□ Language Arts
□ Math
□ Business Education/Marketing
□ Economics
□ Computer Applications

PATHWAYS IN THIS CLUSTER

- Professional Selling
- Merchandising
- Marketing Communications
- Marketing Management
- Marketing Research

Recommended Courses for this Cluster:

Accounting
Business Management
Careers and Employment Skills
Consumer Economics
Marketing Strategy
Film & Television 1 & 2
Global Scholars
Graphics Incubator
Mobile Apps & Game Design 1 & 2
Financial Literacy
Microsoft Certification
Graphics 1-4
Internship
Pre Calculus
AP Calculus
Digital Video & Broadcasting Capstone
Theatre
Digital Illustration
Photography 1, 2, 3
Statistics
AP Statistics
World Languages
Quantitative Reasoning
Dig Video & Broadcasting Incubator
Computer Programming
AP Computer Science
AP Economics
AP US Government & Politics
Communication
Graphics Capstone

Career Options

Marketing Sales & Services

FROM HIGH SCHOOL

On-the-job training and/or minimal experience

- Antique/Collectible Dealer
- Cashier
- Classified Ad Clerk
- Counter Clerk
- News Vendor
- Street Vendor
- Telemarketer
- Wedding Planner
- Customer Service Representative

CAREERS WITH CERTIFICATION/ASSOCIATE DEGREE

Community college, technical college, apprenticeship, experience

- Advertising Layout Designer
- Auctioneer
- Advertising Sales Representative
- Buyer
- Auto Salesperson
- Purchasing Manager
- Real Estate Agent

BACHELORS, Pre-PROFESSIONAL or HIGHER DEGREE

Colleges/Universities

- Advertising Account Executive
- Advertising Manager
- Business Agent
- Marketing Manager
- Public Relations Manager
- Purchasing Agent
- Research Analyst

CLUSTER KNOWLEDGE & SKILLS

Academic Foundations, Communications, Problem Solving & Critical Thinking, Information Technology Applications, Systems, Safety-Health-Environmental, Leadership & Teamwork, Ethics & Legal Responsibilities, Employability & Career Development, Technical Skills

Related Co-Curricular, Student Organizations & Activities:

- Debate
- Forensics
- National Honor Society
- National Business Honor Society
- Yearbook

Science, Technology, Engineering & Mathematics

Planning, managing, and providing scientific research and professional and technical services (e.g., physical science, social science, engineering), including laboratory and testing services, and research and development services.





INTERESTS & ABILITIES

Activities that describe what I like to do:

□ Interpret formulas.
□ Find answers to questions.
□ Work in a laboratory.
□ Figure out how things work and investigate new things.
□ Explore new technology.
□ Experiment to find the best way to do something.
□ Pay attention to details and help things be precise.

Personal qualities that describe me:

□ Detail oriented
□ Inquisitive
□ Objective
□ Methodical
□ Mechanically inclined

School subjects that I like:

□ Math
□ Science
□ Drafting/Computer Aided Drafting
□ Electronics/Computer Networking
□ Technical Classes/Technology Education

PATHWAYS IN THIS CLUSTER

- Engineering & Technology
- Science & Math

Recommended Courses for this Cluster:

Statistics	Environmental Science	Physics of the Universe	Global Scholars
AP Statistics	AP Environmental Science	Internship	Computer Programming 1 & 2
Chemistry	Physics	Fabrication	Microsoft Certification 1 & 2
AP Chemistry	AP Physics 1, C	Engineering & Robotics	Science & Engineering Seminar
Graphics 1-4	AP Biology Calculus 3	Architectural Design	Linear Algebra
World Languages	AP Calculus AB	STEM Research Honors	Extended Learning Opportunity
	AP Calculus BC	AP Computer Science	Science & Engineering Fair
	Graphics Capstone	Graphics Incubator	Certify Me

Career Options

Science, Technology, Engineering & Mathematics

FROM HIGH SCHOOL

On-the-job training and/or minimal experience

Statistical Clerk

CAREERS WITH CERTIFICATION/ASSOCIATE DEGREE

Community college, technical college, apprenticeship, experience

Biological Technician
Chemical Technician
Civil Engineering Technician
Environmental Technician
Mathematical Technician

BACHELORS, Pre-PROFESSIONAL or HIGHER DEGREE

Colleges/Universities

Aerospace Engineer
Anthropologist
Archaeologist
Astronomer
Biomedical Engineer
Chemical Engineer
Civil Engineer
Computer Engineer
Electrical Engineer
Geologist
Industrial Engineer
Mathematician
Mechanical Engineer
Metallurgist
Mining Engineer
Nuclear Engineer
Physicist
Solar Engineer
Statistician

Related Co-Curricular, Student Organizations & Activities:

STEM Club
Science and Engineering Fair
Math Team
FEAR (Robotics)
Astronomy Club
Chess Club

Transportation, Distribution & Logistics

Planning, management, and movement of people, materials, and goods by road, pipeline, air, rail and water and related professional and technical support services such as transportation infrastructure planning and management, logistics services, mobile equipment, and facility maintenance.



INTERESTS & ABILITIES

Activities that describe what I like to do:

□ Travel.
□ See well and have quick reflexes.
□ Solve mechanical problems.
□ Design efficient processes.
□ Anticipate needs and prepare to meet them.
□ Drive or ride.
□ Move things from one place to another.

Personal qualities that describe me:

□ Realistic
□ Mechanical
□ Coordinated
□ Observant
□ Planner

School subjects that I like:

□ Math
□ Trade and Industry courses
□ Physical Sciences
□ Economics
□ Foreign Language

PATHWAYS IN THIS CLUSTER

- Transportation Operations
- Logistics Planning & Management Services
- Warehousing & Distribution Center Operations
- Facility & Mobile Equipment Maintenance
- Transportation Systems/Infrastructure Planning, Management & Regulation
- Health, Safety & Environmental Management
- Sales & Service

Recommended Courses for this Cluster:

Engineering & Robotics 1-4	Quantitative Reasoning	AP Statistics	Consumer Economics
Environmental Science	Physics of the Universe	Marketing Strategy	AP Economics
AP Environmental Science	Chemistry	Pre-Calculus	Business Management
Physics	AP Chemistry	AP Calculus	Careers & Employment Skills
AP Physics	AP Biology	Sociology	Algebra 2
Fabrication 1-4	Statistics	World Languages	Global Scholars
Certify Me	Eng & Robotics Capstone	Fabrication Incubator	Eng & Robotics Incubator

Career Options

Transportation, Distribution & Logistics

FROM HIGH SCHOOL

On-the-job training and/or minimal experience

Bus Driver
Highway Maintenance Worker
Service Station Attendant
Traffic Clerk
Delivery Driver
Reservation and Ticket Clerk
Shipping and Receiving Clerk
Deckhand

CAREERS WITH CERTIFICATION/ASSOCIATE DEGREE

Community college, technical college, apprenticeship, experience

Aircraft Mechanic
Cartographic Technician
Railroad Conductor
Flight Attendant
Auto Body Technician
Diesel Technician
Security Consultant
Automobile Painter
Motorcycle Technician
Travel Agent

BACHELORS, Pre-PROFESSIONAL or HIGHER DEGREE

Colleges/Universities

Airline Pilot
Environmentalist
Mechanical Engineer
Travel Agency Manager
Air Traffic Controller
Locomotive Engineer
Public Health Sanitarian
Astronaut
Mining Manager

CLUSTER KNOWLEDGE & SKILLS

Academic Foundations, Communications, Problem Solving & Critical Thinking, Information Technology Applications, Systems, Safety-Health-Environmental, Leadership & Teamwork, Ethics & Legal Responsibilities, Employability & Career Development, Technical Skills

Related Co-Curricular, Student Organizations & Activities:

STEM Club
Science and Engineering Fair
Astronomy Club

ART – Innovation Arts

The basic objectives include:

1. To increase students' awareness of and sensitivity to their environment and develop methods of representation.
2. To develop divergent thinking and problem solving abilities.
3. To develop perseverance and collaborative skills while exhibiting creativity.
4. To be curious and adaptable while using technology to enhance art.
5. To develop communication and leadership skills while learning, using art vocabulary to describe and discuss art.
6. To develop a familiarity with the artistic traditions of cultural and time period variety throughout the world.
7. To develop skill in the handling of various tools and materials and an appreciation of good craftsmanship and fine motor skills.
8. To establish a sense of well-being & pride while displaying artistic voice.

Course Content
All art courses include the teaching of aesthetics, art criticism and art history as well as the production of art objects. To accomplish this, presentations, class discussions, critiques and reading will accompany the studio experience. Students provide feedback on work, expanding their vocabulary, in many subject areas, as well as articulating the reasons for their choices made in products they create with content specific vocabulary. Students also learn to work collaboratively with others in each of these courses.

Recommended Sequence
The following is a sequence designed to facilitate art skill building and to maximize achievement for all students. It is recommended for those students who are considering pursuing art careers or studying art in college

	Freshman	Sophomore	Junior	Senior
Art Metal Jewelry 1	X	X	R	X
Art Metal Jewelry 2		X	X	R
Ceramics	X	R	X	X
Ceramics 2		X	R	X
Drawing & Design 1	R	X	X	X
Drawing & Design 2	R	X	X	X
Digital Illustration	X	X	R	X
Painting		R	X	X
AP - Drawing			X	R
AP–2D Art & Design			R	X
AP–3D Art & Design			X	R
Art Aide				X
Independent Study				X

R = Recommended Sequence

Freshmen
Drawing and Design 1
Drawing and Design 2

Sophomores
Ceramics
Painting

Juniors
Digital Illustration
Art Metal and Jewelry
Painting
AP Studio Art – Drawing, 2-D Design, 3-D Design

Seniors
AP Studio Art – Drawing, 2-D Design, 3-D Design

Drawing and Design 1 — 9111
Grades 9, 10, 11, 12 — *.5 credit*

Students learn observation skills for drawing with an emphasis on pieces of art. Students are also taught how to use elements & principles of design to defend choices made in the creation of work. Subjects include perspective, still life and texture. This course challenges the student at any level of artistic ability and is a foundation for all other courses. It is recommended to students planning on taking multiple art courses. Critical thinking and problem solving strategies are stressed. **Material fees apply**.

Drawing and Design 2 — 9115
Grades 9, 10, 11, 12 — *.5 credit*
Prerequisite: Drawing and Design 1-9111

A continuation of drawing and design experiences, this course is designed to develop stronger skills and a better understanding of drawing techniques. Methods are presented for developing original concepts and then for translating these concepts into compositions. Subjects include portraiture, figure and landscape. This course challenges the student at any level of artistic ability and is a foundation for many other courses, specifically painting. Critical thinking and problem solving strategies are stressed. **Material fees apply**.

Digital Illustration — 9145
Grades 9, 10, 11, 12 — *.5 credit*

This course is designed for students interested in examining and developing the skills necessary for a career in graphic design or animation. Areas of study will include composition, layout, typography, comic strip illustration, graphic novels and basic animation as well as exhibition techniques. Many assignments will integrate the technology of graphic design software and working with digital imagery in the Adobe Suite. **Material fees apply.**

Painting **9160**
Grades 10, 11, 12 *1.0 credit*
Prerequisite: Drawing and Design 1 and 2 - 9111 & 9115

Students learn a variety of painting techniques using acrylic and watercolor. The subject matter covered includes still life, portraiture, landscape and abstraction. A wide range of surfaces are utilized throughout painting instruction, including stretched canvas. Students begin by learning painting basics and vocabulary.
As they advance, students view presentations and study art historical periods. Studies in the history of modern art may include Realism, Impressionism, Post-Impressionism, Cubism, Fauvism & German Expressionism, Fantasy, Dada & Surrealism, American Regionalism, American Abstract Expressionism, Pop Art, Op Art and American Recent Trends. Painting is considered a higher-level course and should be taken by motivated art students. **Material fees apply.**

Ceramics and Sculpture **9120**
Grades 9, 10, 11, 12 *1 credit*

This course is designed to teach students several methods of hand building pottery as well as throwing on the potter's wheel. Students also learn various sculptural techniques and have the opportunity to create sculptures in clay and other materials. Student will study types of glazes and methods of glazing, so they are able to choose glazes that will enhance the design of their artwork. Ceramics and sculpture from many art periods are studied through presentations, class discussions and student research. **Material fees apply.**

Ceramics and Sculpture 2 **9122**
Grades 10, 11, 12 *1.0 credit*
Prerequisite: Ceramics and Sculpture-9120

This course is designed to foster independent research and technique development in a variety of areas of Ceramics. Students will be proposing projects based on their research and collaborating with classmates in order to create their own curriculum and units of study. Students will work with a variety of finishing techniques including glazing, outdoor firings and experimental finishes. Students will research traditional techniques, cultures and functions for Ceramics in order to make their own modern functional works. Students will incorporate voice and wellness in their studio time in order to foster independent learning and collaboration. **Material fees apply.**

Art Metal and Jewelry **9135**
Grades 9, 10, 11, 12 *1 credit*

Students learn how to design and construct their own original jewelry and metal sculptures. Students become skilled in handling the basic tools and techniques of metal work. This course challenges the student at any level of artistic ability. Critical thinking and problem solving strategies are stressed. Students considering taking this course should realize that metalwork requires the development of careful work habits and a concern for good craftsmanship. **Material fees apply.**

Art Metal and Jewelry 2 **9137**
Grades 10, 11, 12 *1 credit*
Prerequisite: Art Metal and Jewelry 1 – 9135

This course is a continuation of Art Metal & Jewelry designed to teach students more advanced jewelry and metalsmithing techniques such as married metal, mokume, hydraulic press and cloisonne enameling. Students will learn about various sculptural techniques and have the opportunity to make small sculptures in metal. **Material fees apply.**

Advanced Placement Drawing **9195**
Grades 11, 12 *1 credit*
Recommended Prerequisites: Drawing and Design 1 and 2-9111 & 9115 or consent of instructor

The Advanced Placement Drawing program enables highly motivated students to do college level work while still in high school. AP Drawing is not based on a written examination; instead, candidates submit a portfolio of work for evaluation at the end of the school year. The portfolio, consisting of 24 digital images of artwork and five actual works, is forwarded to the College Entrance Examination Board Center. Advanced Placement work involves more time and commitment than most high school courses; i.e. 10-20 hours of homework are expected each week. Therefore, the program is intended for students seriously committed to studying art.
Students must work within one type of portfolio drawing. This includes any artwork that falls into the category of drawing, painting or mixed media where the act of rendering the subject is the primary goal of the artwork created (as opposed to the design on the page as the primary focus). The two sections of the portfolio are:

1. Section I: Selected Works – the development of a sense of excellence in art.
2. Section II: Sustained Investigation – a commitment in depth to a particular artistic concern.

Students must investigate and confirm that the art school or college they plan to attend honors the Advanced Placement Portfolio program.
In addition, students are required to complete summer assignments, attend a meeting in May of the academic year preceding AP Studio Art and attend National Portfolio Day in October All students enrolled in this course must take the AP exam. **AP exam fees apply**. **Material fees apply. Note: Course fee does not cover additional student purchases.**

Advanced Placement 2-D Art and Design 9193

Grades 11, 12 *1 credit*

Recommended Prerequisites: Drawing and Design 1 and 2-9111 & 9115 and/or Photography 1 & 2-9181 & 9182 or consent of instructor

The Advanced Placement Studio Art program enables highly motivated students to do college level work while still in high school. AP Studio Art is not based on a written examination; instead, candidates submit a portfolio of work for evaluation at the end of the school year. The portfolio, consisting of 24 digital images of work and five actual works, is forwarded to the College Entrance Examination Board Center. Advanced Placement work involves more time and commitment than most high school courses; i.e. 10-20 hours of homework is expected each week. Therefore, the program is intended for students seriously committed to studying art. Students must work within one portfolio – 2-D Design. This includes any artwork that falls into the categories of photography, digital illustration, digital art, product design, printmaking or any other visual art media for which composition is the focus of the artwork. The two sections of the portfolio are:

1. Section I: Selected Works – the development of a sense of excellence in art.
2. Section II: Sustained Investigation – a commitment in depth to a particular artistic concern.

Students must investigate and confirm that the art school or college they are planning to attend honors the Advanced Placement Portfolio program. In addition, students are also required to complete summer assignments, attend a meeting in May of the academic year preceding AP Studio Art and attend National Portfolio Day in October. All students enrolled in this course must take the AP exam. **AP exam fees apply**. **Material fees apply. Note: Course fee does not cover additional student purchases.**

Advanced Placement 3-D Art and Design 9194

Grades 11, 12 *1 credit*

Recommended Prerequisites: Drawing and Design 1 and 2-9111 & 9115 and/or Photography 1 & 2-9181 & 9182 or consent of instructor

The Advanced Placement Studio Art program enables highly motivated students to do college level work while still in high school. AP Studio art is not based on a written examination; instead, candidates submit a portfolio of work for evaluation at the end of the school year. The portfolio, consisting of 2 distinct views of 25 pieces of artwork, is forwarded to the College Entrance Examination Board Center. AP work involves more time and commitment than most high school courses, i.e. 10-20 hours of homework is expected each week. Therefore, the program is intended for students seriously committed to studying art. Students must work within one type of portfolio-3D design. This includes any artwork that falls into the category of sculpture where making a three dimensional piece is the primary goal of the artwork created. Jewelry, Ceramics and Fashion Design are included in this category. The two sections of the portfolio are:

1. Section I: Selected Works – the development of a sense of excellence in art.
2. Section II: Sustained Investigation – a commitment in depth to a particular artistic concern.

Students must investigate and confirm that the art school or college they plan to attend honors the Advanced Placement Portfolio program. In addition, students are required to complete summer assignments, attend a meeting in May of the academic year preceding AP Studio Art and attend National Portfolio Day in October. All students enrolled in this course must take the AP exam. **AP exam fees apply**. **Material fees apply. Note: Course fee does not cover additional student purchases.**

Independent Study in Art 9191

Grade 12 *.5 credit*

Prerequisite: Completion of multiple art courses and instructor consent

Independent Study is designed for the student who has taken all the art courses available and/or wishes to continue in a specific area of art where the student has developed expertise and interest as a possible career choice. Fees apply. **Note: Material fee does not cover additional student purchases.**

BUSINESS – Innovation Arts

Whether you are planning a career in business, communications, computers, medicine, law, engineering, art or education, you are sure to find courses in the Business Department to help you on your way. Classes are highlighted with impacts from business, a variety of teaching strategies, action-packed student activities and technology-rich applications that will prepare you to meet future challenges in college, the business world and your personal life

With over 25 Business and Technology careers on the US News Top 100 Careers list, opportunities await for you to get a head start on the career of your dreams!

BUSINESS DEPARTMENT OPTIONS

Course Name:	9th	10th	11th	12th	Additional Opportunities within each course:
Introduction to Accounting		Yes	Yes	Yes	**Introduction to Accounting is a dual enrollment course that allows students to take the class for both Nicolet credit and **college credit** through MATC.*
Financial Accounting		Yes	Yes	Yes	**Financial Accounting is a dual enrollment course that allows students to take the class for both Nicolet credit and **college credit** through UW Oshkosh*
Entrepreneurship		Yes	Yes	Yes	
Careers & Employment Skills	Yes	Yes	Yes	Yes	
Introduction to Business	Yes	Yes	Yes	Yes	
Financial Literacy		Yes	Yes		
Financial Literacy (Honors)		Yes	Yes	Yes	**Financial Literacy Honors is a dual enrollment course that allows students to take the class for both Nicolet credit and college credit through the UW Oshkosh CAPP program*
Marketing Strategy		Yes	Yes	Yes	
Retail Management			Yes	Yes	
Sports and Entertainment Marketing		Yes	Yes	Yes	
Microsoft® Certification	Yes	Yes	Yes	Yes	**Certifications in place include **MOS (Access, Excel, Word, PowerPoint)***
Internship			Yes	Yes	
Career Pathway Internship			Yes	Yes	
Youth Apprenticeship			Yes	Yes	

BUSINESS DEPARTMENT GOALS

Our goal is to provide students with the business and technology expertise essential for success and future learning in college and the business world.

To accomplish our goal we:

- Provide relevant, current topics and experiences in exciting, hands-on classes.
- Emphasize pertinent technology applications in all of our classes.
- Apply what is taught to the real world using projects, teams and real-world expectations.
- Help students develop confidence and professionalism in a caring, business-savvy environment.
- Model enthusiasm and joy in continual learning.

All Business Department Courses count toward the Career Education graduation requirement.

Introduction to Accounting **8161**
Grades 10, 11, 12 *.5 credit*
Accounting is a dual enrollment course that allows students to take the class for both Nicolet credit and **college credit through MATC*

Accounting is the language of business. This course is a must-have for students who plan to pursue any business related degree/field or any entrepreneurship opportunity. The course provides an understanding of a complete accounting cycle needed to operate a business efficiently and effectively. Nearly 50% of new businesses fall within their first two years of operation. Accounting provides a strong foundation of business operation knowledge along with the necessary components to start a career in Accounting. **Please reference the chart on page 10 for costs associated with dual enrollment.**

Financial Accounting **8162**
Grades 11, 12 *1 credit*
Prerequisite: Introduction to Accounting 1-8161
Accounting is a dual enrollment course that allows students to take the class for both Nicolet credit and **college credit through UW Oshkosh.*

Financial Accounting is a yearlong course in which the students will build upon the basic accounting skills that were developed in Introduction to Accounting. Financial Accounting will focus on proprietorship and partnerships. Students will gain in-depth knowledge of accounting procedures and techniques that are used in solving business problems and making financial decisions. Students will perform business simulations and automated accounting transactions. Learning will focus on cost accounting for businesses as well as financial accounting components. **Please reference the chart on page 10 for costs associated with dual enrollment.**

Entrepreneurship **8176**
Grades 10, 11, 12 *.5 credit*

Want to get ahead in the business world fast? Learn the successful principles business leaders apply by studying the management functions of planning, organizing, controlling and delegating. Study their leadership styles and the qualities that made them dynamic leaders. Traditional college management topics are presented in fun, exciting leadership training skits, role playing and project team activities. Create a business plan and participate in a Shark Tank event. If you're heading to college and into the business world in the future, Business Management will provide valuable insights into "how to get ahead" in this competitive environment.

Careers and Employment Skills **8130**
Grades 9, 10, 11, 12 *.5 credit*

Discover and explore the fastest growing careers in today's job marketplace. Learn how to get a great paying job and keep it. Build a professional resume that you can actually use today! Interact with guest speakers who work in many different careers and find out what interests you the most. Develop and hone your interviewing skills so that you can comfortably apply for any job and have a successful experience. Today's employers are looking for specifics; come and learn what they are.

Introduction to Business **8111**
Grades 9, 10, 11, 12 *.5 credit*

Introduction to Business is an introductory business course where students study the business environment. It comes alive for high school students as they make financial and creative decisions. In addition, students investigate advertising techniques, entrepreneurship, the stock market and the economy. Working in project teams is emphasized in the entrepreneurship project. All students participate in The Wisconsin Stock Market Simulation where they buy and sell stocks competing with other schools in the state for the best portfolio. Consumer Economics is the "real" business world and how it applies to teenager's career planning and opportunities in business. Students will also explore challenging fundamentals of business in more depth by researching topics, communicating with business people, designing business strategies and making business decisions.

Retail Management – School Based Enterprise **8174**
1 credit
Grades 11, 12
Prerequisite: Teacher approval via application and one of the following: Intro to Business-8111, Principles of Marketing-8177, Sports and Entertainment Marketing-8179, Entrepreneurship-8176

This year-long course offers students an authentic, hands-on business experience by managing and operating the Nicolet Spirit Store. Students will apply classroom learning in business, finance, marketing, and management directly to the operation of a real retail enterprise. Students will manage and operate the school store during lunch periods and at select after-school events. The class is a School-based Enterprise (SBE), which requires adherence to a school-administered business plan. Students must track and complete a minimum of 90 hours of unpaid work over the course of the year. The majority of the 90 hours will be achieved during the school day, with a limited number of hours required outside of the school day. Time is tracked as students perform specific jobs aligned with their associated job descriptions. This hands-on application component serves as a significant, practical extension of the theoretical classroom instruction.

Financial Literacy **8002**
Grade 10, 11 *.5 credit*

The study of major financial decisions encountered by individuals. Topics include: budgeting, use of credit, automobile and consumer durables, insurance, the housing decision, taxes, retirement planning, and estate transfer and investments. Each subject is analyzed within the context of a comprehensive framework of planning. Additionally, students will partake in activities to develop their academic and career plan throughout the course.

Students are able to take Financial Literacy-8002 OR Financial Literacy Honors-8003, not both.

Financial Literacy Honors **8003**
Grades 10, 11, 12 *.5 credit*
**Financial Literacy is a dual enrollment course that allows students to take the class for both Nicolet credit and college credit through the UW Oshkosh CAPP program*
Certification in place; Students can earn a* ***Nationally Recognized Financial Literacy Certification

The study of the major financial decisions encountered by individuals. Topics include: budgeting, use of credit, automobile and consumer durables, insurance, the housing decision, taxes, retirement planning, estate transfer and investments. Each subject is analyzed within the context of a comprehensive framework of planning. **Please reference the chart on page 10 for costs associated with dual enrollment.** *Students are able to take Financial Literacy-8002 OR Financial Literacy Honors-8003, not both.*

Microsoft® Certification **8140**
Grades 9, 10, 11, 12 *.5 credit*
Certification in place include* ***MOS (Access, Excel, Word, PowerPoint), MTA (Networking and Security), and CompTIA A+ (Hardware and Software)*
Students may also earn* ***college credits *through the ACE Network of Colleges*

This course will teach students **how** to use Microsoft Certification products: Word, Excel, PowerPoint, Access, and Outlook. Word instruction will focus on formatting, editing, creating templates, designing tables, charts and graphs, using security features, sharing documents on the web, and document navigation and much more. Excel instruction will emphasize the organization, recording and sorting of data, entering text and mathematical equations. In addition, the maintenance, tracking, charting, graphing and comparing statistics will be taught. PowerPoint instruction will focus on how to use Themes and Layouts, Inserting Text and using WordArt, using graphic Tables, Charts, and Shapes. Integrating Videos, Movie-Clips, Animations, Transitions and manipulating sound will be addressed. Access instruction will focus on the organizing and analysis of collections of information, such as music, baseball cards, clients, or workshop participants. Access will be helpful in any career that requires the analysis and interpretation of data.

Marketing Strategy **8177**
Grades 10, 11, 12 *.5 credit*

In this project-based course, students will be introduced to a variety of Marketing topics which include: Sports and Entertainment Marketing, Historical Marketing Concepts, Social Media and Mobile Marketing, Traditional Marketing and Viral Marketing among other concepts. All marketing students will explain the importance of marketing and its relationship to a successful business and overall economic growth. Ultimately, students will work in teams to develop and create a marketing plan using real-world examples. Marketing is the key to survival for businesses during recessions and depressions and the key to striving in other economic states.

Sports and Entertainment Marketing **8179**
Grades 10, 11, 12 *.5 credit*
Prerequisite: Marketing Strategy-8177

Marketing and business concepts are taught through the sports and entertainment industry. Students are given many opportunities to design marketing strategies, appropriate products and promotional activities for sports and entertainment events. Marketing research, the marketing mix, target markets, demographics, risk management, legal issues, and insurance are major topics covered in this course.

Internship 1 & 2 **8211/8212**
Grades 11, 12 *.5 credit*

This course provides students with hands-on, work-based learning experiences that connect classroom knowledge to real-world professional skills. Each 90-hour internship – paid or unpaid – focuses on developing employability and 21st Century Skills aligned with Nicolet's five Portrait of a Learner Competencies: Collaboration Critical thinking Communication, Resilience, and Ethics. Students are evaluated jointly by their employer and instructor and participate in weekly class meetings and reflections to receive scaffolded support to promote career readiness and long-term employment success.
***** Important** - Students must have obtained the internship by the start of the course.***

Internship 3 & 4 **8213/8214**
Grades 12 *.5 credit*
Prerequisites: Internship 1 – 8211 and Internship 2 -8212

This course provides students with hands-on, work-based learning experiences that connect classroom knowledge to real-world professional skills. Each 90-hour internship – paid or unpaid – focuses on developing employability and 21st Century Skills aligned with Nicolet's five Portrait of a Learner Competencies: Collaboration Critical thinking Communication, Resilience, and Ethics. Students are evaluated jointly by their employer and instructor and participate in weekly class meetings and reflections to receive scaffolded support to promote career readiness and long-term employment success.
***** Important** - Students must have obtained the internship by the start of the course.***

Career Pathway Internship 1 & 2 **8215/8216**
Grades 11, 12 *.5 credit*

This course provides students with practical, hands-on, work-based learning experiences that extend classroom knowledge into real-world career settings. The course emphasizes 21st Century Skills aligned with Nicolet's five Portrait of a Learner Competencies: Communication, Collaboration, Critical thinking, Resilience, and Ethics—and includes evaluation by both the employer and

instructor. Students are required to complete 90 hours of paid work aligned to a specific career pathway and associated cluster. Throughout the experience, students collect evidence demonstrating growth in at least five of the Wisconsin Employability Skills Standards and engage in monthly seminar-style discussions with the instructor to reflect on the application of these skills in their workplace setting.
***Important** Students must have obtained the internship by the start of the course.*

Career Pathway Internship 3 & 4 **8217/8218**
Grades 12 *.5 credit*
Prerequisites: Career Pathway Internship 1 – 8215 and Career Pathway Internship 2 -8216
(Available the 2027-28 school year)

This course provides students with practical, hands-on, work-based learning experiences that extend classroom knowledge into real-world career settings. The course emphasizes 21st Century Skills aligned with Nicolet's five Portrait of a Learner Competencies: Communication, Collaboration, Critical thinking, Resilience, and Ethics—and includes evaluation by both the employer and instructor. Students are required to complete 90 hours of paid work aligned to a specific career pathway and associated cluster. Throughout the experience, students collect evidence demonstrating growth in at least five of the Wisconsin Employability Skills Standards and engage in monthly seminar-style discussions with the instructor to reflect on the application of these skills in their workplace setting.
***Important** Students must have obtained the internship by the start of the course.*

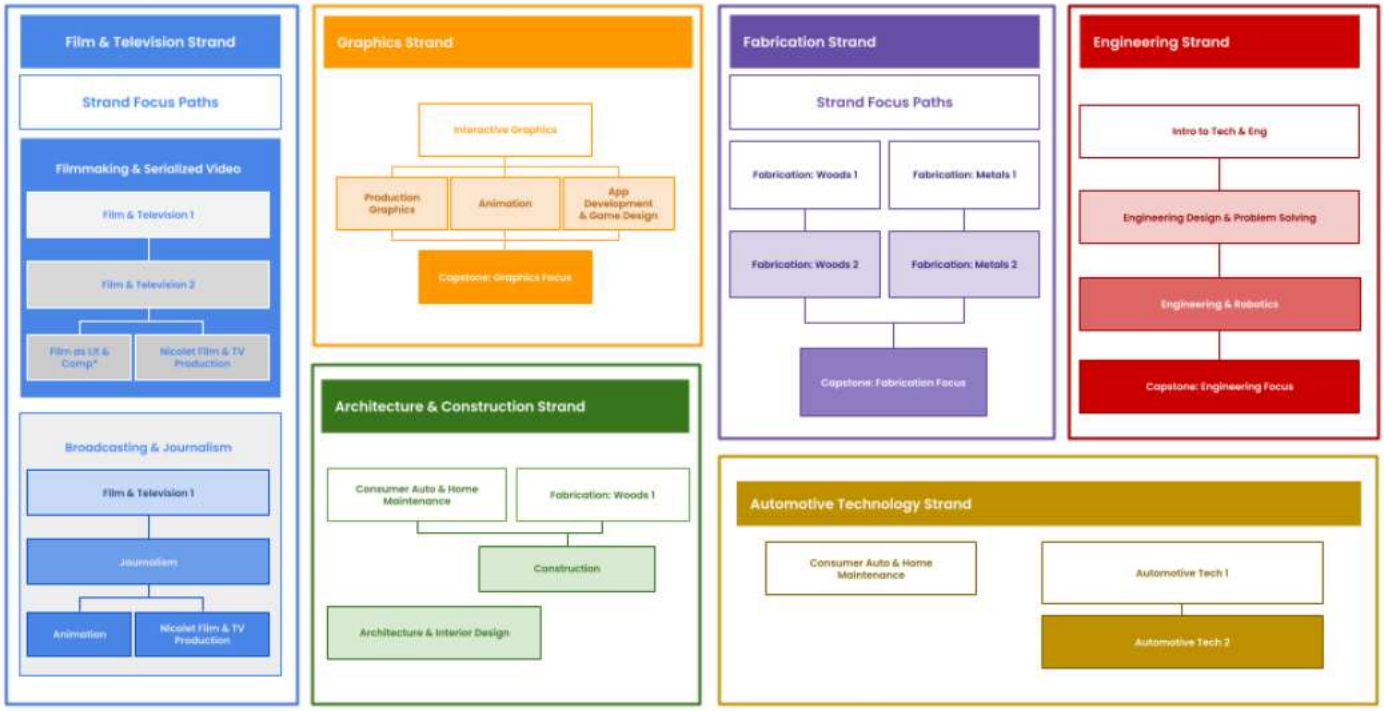
Youth Apprenticeship **8219**
Grades 11, 12 *1.0 credit*
Repeatable

This course provides students with practical, hands-on work-based learning experiences that extend classroom knowledge into real-world career settings. The course emphasizes Nicolet's five Portrait of a Learner Competencies: Communication, Collaboration, Critical thinking, Resilience, and Ethics—and includes evaluation by both the employer and instructor. Students are required to complete all required elements of a state certified YA, including the completion of 450 paid hours over the course of a calendar year. Throughout the experience, students collect evidence demonstrating growth in at least five Employability Skills standards and engage in monthly seminar-style discussions with the instructor to reflect on the application of these skills in their workplace setting.
***Important** Students must have obtained the YA prior to the start of the course.*

ENGINEERING, TECHNOLOGY and DESIGN – Innovation Arts

Nicolet High School has a strong tradition in Engineering, Technology and Design Coursework. Students will be exposed to world of work based learning opportunities with a focus on student learning and growth in areas of interest. The programs of study offered through the Engineering, Technology and Design department allow for students to self pace through coursework early and benefit from going deeper into content areas – depth over breadth. Highlighting the program is the concept of personalized learning. Each student will be expected to apply the skills they learn to prove mastery of necessary skills, topics and core concepts of each content area they explore.

There are four (4) content threads/strands offered currently in the Engineering, Technology and Design Department, with four stand alone supplemental courses available to support or explore the department further – see the course flow chart below – for further explanation of the mission, vision and learning that will take place in this area, please follow the video link provided.



General Course Experiences Tiers: 5 to 8

Capstone:
After 2 credits of work within a strand, students qualify for Capstone. Capstone is a semester or yearlong project within the area they are hoping to explore as a career in the future. Capstone projects can be a combination of inbound or outbound projects mixed in with a student's choice of project pending teacher approval. Capstone will take into account all of the skills the student has learned from previous course work and challenge them to create a product that rivals professional industry quality works.

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Film and Television 1 **8761**
Grades 9, 10, 11, 12 *.5 credit*
Welcome to the Knight Vision Network! Students explore filmmaking, serialized video production, live-broadcasting, and video content creation. From creating short films to documentary-style interviews to live sports broadcasting, students learn the storytelling and technical skills - in front of and behind the camera - to begin their digital video journey at Nicolet. Following this introductory overview of video production, students can focus on filmmaking and serialized video production with *Film and Television 2* or develop skills in journalism and live-broadcasting with *Journalism*. Material fees apply.

Film and Television 2 **8762**
Prerequisite: Film and Television 1 - 8761
Grades 9, 10, 11, 12 *.5 credit*
Film and Television 2 is a dual enrollment course that allows students to take the class for both Nicolet credit and ***college credit*** *through MIAD*

Students dive deeply into what it means to make story driven video content for film and television by making short films in a wide range of genres. Exploring various plot structures, students create short films aimed at preparing them to submit work for independent film festivals. From script writing, production planning, acting, filming, and editing, students will leave this class with the ability to self produce film and join the *Short Film Unit* of *Nicolet Film & TV Production*. **Please reference the chart on page 10 for costs associated with dual enrollment.**

Nicolet Film & TV Production **8763**
Grades 10, 11, 12 *1.0 credit*
Prerequisites: Film & TV 1 AND Animation or Film & TV 2 or Journalism

Nicolet Film & TV Production class produces the school's YouTube channels. Students are expected to be self-motivated to create video projects - from concept and planning to content and technical execution. Students will be required to join one of two production units: SHORT FILM OR BROADCASTING. Each unit will produce content monthly for the YouTube channel. Additionally, students in the Broadcasting Unit will participate in live streaming of Nicolet events, and students in the Short Film Unit will be expected to submit work to regional film festivals.

Introduction to Technology and Engineering **8781**
.5 credit
Grades 9, 10, 11, 12

The goal of this course is to provide students a broad outline of engineering and technology and help them decide on a career in STEM. The course explores the different disciplines of engineering and applications of technology. This provides students with a broad background in different areas of STEM fields.
Do you want to learn how race-cars are built? How are robots able to work independently? How is energy harvested? How is energy stored? How are organs built? How is the body imaged? How do you design an aircraft? How do electrons travel in micro and nanoelectronics? How are drugs delivered in the body? How do you build on soils that are unstable? How do robots see? How is light used in devices? How is data stored and managed? How is pollution mitigated? How are electrical signals processed? How are strong and tough materials designed and built? How is thermal energy managed? How does the internet work? How are systems integrated? How do you make sure goods and services reach their destination? These are the questions we will be dealing with on a daily basis and will form the basis of the course. Any student that will be working in a STEM field as a career should complete this coursework to be prepared for their career field.

Engineering Design and Problem Solving **8782**
Grades 9, 10, 11, 12 *.5 credit*
Prerequisite; Intro to Technology and Engineering-8781

Students will evolve their design thinking and problem solving skills through the use of modeling and prototyping. Students will apply skills to manufacturing physical objects along with some of the underlying theory for how engineering tools work. Engineering tools include 3D printers, thermoformers, CNC routers, wood saws mills, lathes, laser cutters, waterjets, machine tools, general electronics, and microcontrollers. Any students that will be looking to enter any engineering degree program should complete this coursework.

Engineering and Robotics **8783**
Grades 10, 11, 12 *1.0 credit*
Prerequisite; Engineering Design and Problem Solving-8782
Students will refine their Engineering skills through Systemic robotics skills moving through deeper immersive projects and development of planning and development of robotics systems. Through the use of the Design Process and Advanced Design and Manufacturing will integrate programming and other control skill sets to develop products that are capable of competitions and other industrial applications. Any student that will be looking to enter mechanical engineering, electrical engineering, and computer science degrees in their future should complete this coursework. Courses are repeatable.

Capstone: Engineering & Robotic Focus **8787**
Grades 11, 12 *.5 credit*
Prerequisite: Engineering& Robotics 8783
Capstone provides an opportunity for students to engage in high-level inquiry focusing on an area of specialization in a large project or the starting of a business venture. Capstone projects will be inquiry and practice-centered and draw upon areas of interest to the student and focus on the CTE department. All capstones aim to bridge theory and practice and are aimed to develop professional-level products by the students.

Fabrication: Woods 1 **8791**
Grades 9, 10, 11, 12 *.5 credit*

This course is an introductory course that provides students with the opportunity to learn the skills and processes associated with various types of woodworking and other plastic materials. Through hands-on projects that use machine tools and material techniques, students develop competence with safety, project planning and layout, basic project construction, joinery, manufacturing production, and construction systems. Students will complete a few introductory projects and then have the ability to plan and construct projects aligned with their interests and abilities.

Fabrication: Woods 2 **8792**
Grades 9, 10, 11, 12 *.5 credit*
Prerequisite: Fabrication: Woods 1-8791

This is a comprehensive course in advanced woodworking skills and techniques in the areas of CNC and small furniture. Planning and designing projects will be explored. Required project(s) are assigned and a large section of time will be set aside for students to select and produce their own projects of choice.

Fabrication: Metals 1 **8793**
Grades 10, 11, 12 *.5 credit*

In this course we focus on the art and science of metal working. Students will begin with cold metal working then will move on to welding where they will complete a series of welds to become proficient in metal inert gas (MIG) welding and spot welding. This class is intended to give students the skills to weld at home, as well as be ready to take Metals II, and continue their education in metal working.

Fabrication: Metals 2 **8794**
Grades 10, 11, 12 *.5 credit*
Prerequisite: Fabrication: Metals 1-8793

Develop higher-level skills involving the intricate preparation of a part for cutting, fabrication and welding, and producing parts using new techniques and a variety of materials. You will gain skills in operating brakes and shears, punch, and plasma arc cutting machines.

Capstone: Fabrication Focus **8796**
Grades 11, 12 *.5 credit*
Prerequisite: Fabrication: Metals-8794 2 OR Fabrication: Fabrication: Woods 2-8792

Capstone provides an opportunity for students to engage in high-level inquiry focusing on an area of specialization in a large project or the starting of a business venture. Capstone projects will be inquiry and practice-centered and draw upon areas of interest to the student and focus on the CTE department. All capstones aim to bridge theory and practice and are aimed to develop professional-level products by the students.

Interactive Graphics **8771**
Grades 9, 10, 11, 12 *.5 credit*

From tangible items like glasses, shirts, mugs, and signs to digital assets like websites and motion graphics, students will explore the many ways that graphics can be interactive. Students will create graphics in Adobe Illustrator and apply those designs to vinyl cutting, heat transfers, large format printing, CNC carving, Laser Etching, video production, web design, and more.

Production Graphics **8772**
Grades 9, 10, 11, 12 *.5 credit*
Prerequisite; Interactive Graphics-8771

Students will move from applying graphics to creating entire products from start to finish, utilizing combined processes from the various production methods learned in Interactive Graphics. Students will design, produce, and implement such products as: interactive desk lamps, programmable business signs, full wrap apparel, custom game boards and puzzles, and much more.

Animation **8773**
Grades 9, 10, 11, 12 *.5 credit*
Prerequisite: Interactive Graphics-8771 OR *Film and Television 1-8761*
*Animation is a dual enrollment course that allows students to take the class for both Nicolet credit and **college credit** through MIAD*

Moving graphics are everywhere we look, from traditional animated films, sports broadcasts, and TV intro sequences to video games, interactive websites, and motion graphics. Utilizing 2D and 3D effects, students will learn to utilize both Adobe After Effects and Blender to create professional level animations for a wide range of industries and applications. **Please reference the chart on page 10 for costs associated with dual enrollment.**

App Development and Game Design **8775**
Grades 9, 10, 11, 12 *.5 credit*
Prerequisite: Interactive Graphics-8771
*App Development and Game Design is a dual enrollment course that allows students to take the class for both Nicolet credit and **college credit** through MATC*

In this project-based course, students will develop web applications and games with responsive design for use on multiple devices. Students are introduced to the fundamentals of app/game design and development in a VSCode development environment utilizing object oriented programming principles. Gaining a command of HTML, CSS, and Javascript, students will create mobile-first, interactive designs for fully immersive user experiences. **Please reference the chart on page 10 for costs associated with dual enrollment.**

Capstone: Graphics Focus **8776**
Grades 11, 12 *.5 credit*
Prerequisite: Interactive Graphics-8771 AND Production Graphics-8772 or Animation-8773 or App Dev and Game Design-8135

Capstone provides an opportunity for students to engage in high-level inquiry focusing on an area of specialization in a large project or the starting of a business venture. Capstone projects will be inquiry and practice-centered and draw upon areas of interest to the student and focus on the CTE department. All capstones aim to bridge theory and practice and are aimed to develop professional-level products by the students.

Architectural and Interior Design **8760**
Grades 10, 11, 12 *1 credit*

This program prepares students for work in all of the post secondary schooling and professions related to architecture, construction and design. Students are introduced to architectural drafting through sketching techniques and then receive extensive training in Building Information Modeling software (Revit). The course also covers topics around construction methods, building code, interior design, landscape and environmental systems.

Computer Aided Design (CAD) & Product Development **8756**
Grades 9, 10, 11, 12 *.5 credit*

This course is a hands-on engineering course where students learn to design, model, assemble, document, and prototype real products using Onshape, our professional cloud-based CAD software. Students begin with foundational design thinking and 3D part modeling, then progress into assemblies, exploded views, and professional technical drawings. The course emphasizes the full design cycle — from idea to digital model to physical prototype — including 3D printing and product documentation. By the end of the semester, students will have developed a digital portfolio of engineered parts, functional assemblies, and professional drawing packets that demonstrate real-world design ability. Students who choose to extend their learning will have the opportunity to pursue Onshape Certification, demonstrating proficiency in industry-level CAD skills.

Construction **8758**
Grades 10, 11, 12 *.5 credit*
Prerequisite; Consumer and Home Maintenance-8757 or Fabrication: Woods 1-8791

Construction will look at the technology and skills used in the general residential construction. This program involves classroom discussion and lab work in the following areas: basic construction, project organization, foundational information, and procedures for developmental skills in: Carpentry / Electrical / Plumbing / Masonry / Roofing / HVAC – Project may include such things as – Shed Construction, Basic Remodeling, New Home Construction, and Exterior Land & Hardscaping.

Automotive Technology 1 **8753**
Grades 10, 11, 12 *.5 credit*

Are you eager to gain a fundamental understanding of the inner workings of automobiles and develop essential automotive maintenance and basic repair skills? Students will learn these skills through a combination of regular class work and hands-on lab activities. Whether you're a car enthusiast, a prospective technician, or someone who simply wants to become more self-reliant with their vehicle, this course is your gateway to the automotive world. Automotive Technology 1 is the first class in the Transportation Career Pathway. This course requires no previous mechanical or automotive experience.

Automotive Technology 2 **8754**
Grades 10, 11, 12 *.5 credit*
Prerequisite: Automotive Technology 1

Are you ready to take your automotive repair skills to the next level? Automotive Technology 2 course is designed for those who have a solid foundation in automotive fundamentals and are eager to dive deeper into the complexities of vehicle maintenance and repair. This course will empower you with advanced diagnostic and repair skills, making you proficient in handling more complex automotive issues. This class will help students prepare for entry level positions in the automotive industry. Also, students will focus preparation for the Student ASE certification test. Automotive Technology 2 should be taken after Automotive Technology 1.

Consumer Auto and Home Maintenance **8757**
Grades 9, 10, 11, 12 *.5 credit*

Part of Nicolet's Adulting pathway, Consumer Auto and Home Maintenance will teach how to safely take care of your living space and the vehicle you drive. You will learn the basics of "how things work" in your apartment, house, and car. Through demonstrations, activities, and practical exercises, you will learn how to do basic home and auto repairs and how to recognize when it is feasible for the homeowner to complete the work or a trained professional. Auto topics include tire pressure, headlights, fluid levels, basic electrical components, basic maintenance, and buying a used or new car (the second biggest investment that people make). Home topics include basic how to purchase a home, mortgages, information in electrical, mechanical systems such as heating, water supply, thermostats, appliances, water damage, painting, sticky doors, and dealing with home improvement contractors. The practical knowledge and skills of this course will help you make informed decisions about the largest purchase of your life.

STEM Research Honors **2905**
Semester 1 *.5 credit*
Grades 9, 10, 11, 12 (may be taken 4 years)
Prerequisite: Consent of Instructor
**Does not count toward science graduation requirements. Elective only*

The STEM Research course challenges students to complete original and self-directed research in any area of math, science, engineering, or computer science.

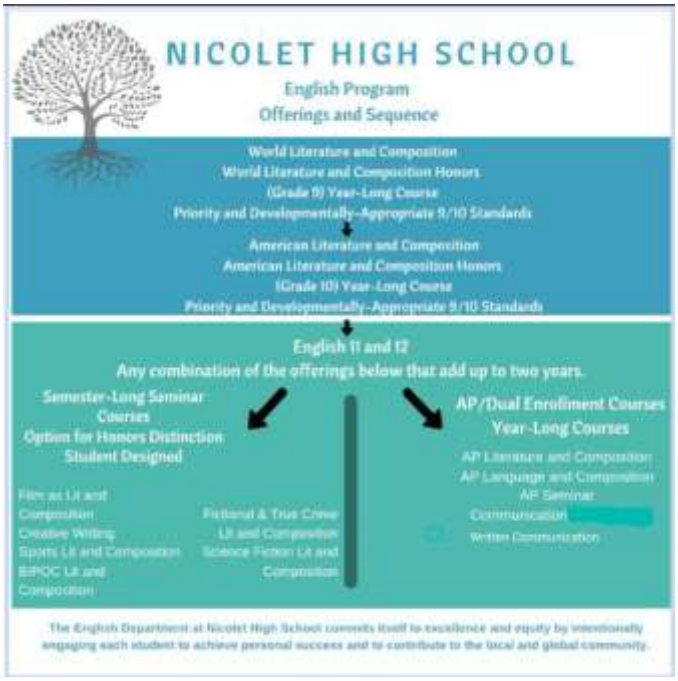
Students generate a research outcome/question, conduct a literature review, collaborate with content-area experts, develop a hypothesis, collect and analyze data, present their research at the local Nicolet Science and Engineering Fair (typically the last Saturday in February) and prepare for the state and/or international competitions. Students may work with a mentor at school, from industry or a research institution to complete their research.
This course is scheduled during the school day with time provided in class to complete the research project.

Independent Study: 2909
STEM Research Honors *.5 credit*
Semester 1
Grades 10, 11, and/or 12 (may be taken 3 years)
Prerequisite: Consent of instructor

This course has the same expectations and outcomes as STEM Research Honors 2905 course. All the research is completed independently by the student outside of the school day with teacher guidance provided during enrichment times or after-school appointments.

ENGLISH LANGUAGE ARTS

The English program at Nicolet is a 4 credit sequence designed to encourage every student to develop language skills in challenging courses. All courses emphasize skills in reading, speaking, writing, listening and critical thinking. Students are encouraged to acquire habits of scholarship, to grow in written and spoken self-expression and to build the skills to analyze literature and ideas.



Requirements:
Four years of English are required for graduation.

Freshman English (1 year)
World Literature and Composition - 1030
World Literature and Composition Honors - 1009

Sophomore English (1 year)
American Literature and Composition - 1230
American Literature and Composition Honors - 1236

Juniors and Seniors:
Juniors and Seniors have ten course options. Students will be required to take two years of English. All students are encouraged to speak to parents, counselors and teachers to make a thoughtful decision for their final two years of English.
All courses at the 11 and 12 level are designed to prepare students for college and careers. The literature that is offered is high level and will foster critical thinking. Students will be encouraged to explore both fiction and nonfiction texts through writing and speaking and they will examine ideas, themes and lessons of universal appeal and thought.
Each course description covers the skills required. All juniors and seniors may choose from the following courses:

Juniors and Seniors
Communication Honors - 1515
Advanced Placement Language and Composition - 1520
Advanced Placement Literature and Composition - 1525
Advanced Placement Seminar - 1530
Fictional and True Crime Literature and Composition-1341
Science Fiction Literature and Composition - 1342
BIPOC Literature and Composition - 1343
Sports Literature and Composition - 1344
Film as Literature and Composition - 1345
Creative Writing – 1340
Written Communication – 1400

World Literature and Composition 1030
Grade 9 *1 credit*

World Literature and Composition is a foundational English course designed to build essential academic skills in critical thinking, reading, writing, and collaboration. In this course, students will read and analyze a variety of texts from around the world, often using them as mentor texts for their own writing. Students will develop rhetorical awareness and flexibility as they adapt their writing to a variety of audiences, genres, and purposes. Students will also prepare for and engage in critical conversations about the ideas and themes presented in the texts, exploring their relevance to their own experience and in the world at large. Throughout the course, students will engage in ongoing reflection on their own growth and set goals for improvement.

World Literature and Composition Honors 1009
Grade 9 *1 credit*

World Literature and Composition Honors is designed for the student who is passionate about constant improvement and reflection and who seeks to explore literature through historical connections and critical lenses. Understanding that literature is both an expression of and a force shaping human experience, students will read texts from around the world representing a variety of genres. Writing tasks will include using different patterns of inquiry and an understanding of rhetorical practice to respond to multiple audiences through a variety of formats. Students enrolling in this class should be genuinely interested in the critical aspects of literature and writing.

American Literature and Composition 1230
Grade 10 *1 credit*

American Literature and Composition is designed to improve students' skills in composition, reading, and communication with a focus on what it means to be American. Students will study a variety of literature and informational texts that represent a wide variety of American authors' perspectives and experiences in order to explore the American identity. Text study may include short stories, novels, plays and both current and historical written and spoken material. Students will produce both prepared and impromptu written compositions focusing

on paragraph and argument structure. Students will also analyze speaking and listening as they work on interpersonal communication, group discussion, and public speaking with an emphasis on research and documentation.

American Literature and Composition Honors **1236**
1 credit
Grade 10

Students in American Literature and Composition Honors will continue to grow as readers, writers, and communicators in a scholarly community that prioritizes the love of reading as lifelong learning. Reading both canonical and choice texts by American authors, students will broaden their understanding of what it means to be American by examining texts through different lenses. Students will analyze and produce written, oral, and digital texts. Students will work on speaking and listening skills as they develop their voices in interpersonal, group, and public speaking contexts. Students will also learn to apply the principles of logical argumentation while gaining skills in research and organization.

Communication Honors **1515**
Grades 11, 12 *1 credit*

In this year long course, students can earn college credit as they learn to analyze and use various forms of communication including public speaking, group communication, and argumentation/debate. Students will spend the year writing and presenting in individual and group modes of communication with an emphasis on the composition, delivery and critique of speeches. Students will be required to apply their skills both inside and outside the classroom as they tailor messages to different audiences. Students will also be required to select an individual or group project during second semester that will demonstrate mastery of communication skills. Prerequisite for three college credits: junior or senior standing and a GPA of at least 2.75 on a 4.0 scale. **Please reference the chart on page 10 for costs associated with dual enrollment.**

Advanced Placement Language and Composition **1520**
1 credit
Grades 11, 12

The Advanced Placement English Language and Composition course focuses on the development and revision of evidence-based analytic and argumentative writing, the rhetorical analysis of nonfiction texts, and the decisions writers make as they compose and revise. Students evaluate, synthesize, and cite research to support their arguments. Additionally, they read and analyze rhetorical elements and their effects in nonfiction texts – including images as forms of text – from a range of disciplines and historical periods. **All students enrolled in this course must take the AP exam. AP exam fees apply.**

Advanced Placement Literature and Composition **1525**
1 credit
Grades 11, 12

The Advanced Placement Literature and Composition course focuses on reading, analyzing, and writing about imaginative literature (fiction, poetry, drama) from various periods. Students engage in close reading and critical analysis of imaginative literature to deepen their understanding of the ways writers use language to provide both meaning and pleasure. As they read, students consider a work's structure, style, and themes, as well as its use of figurative language, imagery, and symbolism. Writing assignments include expository, analytical, and argumentative essays that require students to analyze and interpret literary works. **All students enrolled in this course must take the AP exam. AP exam fees apply.**

Advanced Placement Seminar **1530**
Grades 11, 12 *1 credit*

Advanced Placement Seminar is a foundational course that engages students in cross curricular conversations that explore the complexities of academic and real-world topics and issues by analyzing divergent perspectives. Using an inquiry framework, students practice reading and analyzing articles, research studies, and foundational literary and philosophical texts, listening to and viewing speeches, broadcasts and personal accounts, and experience artistic works and performances. Students learn to synthesize information from multiple sources, develop their own perspectives in research based written essays, and design and deliver oral and visual presentation, both individually and as part of a team.
Ultimately, the course aims to equip students with the power to analyze and evaluate information with accuracy and precision in order to craft and communicate evidence-based arguments. **All students enrolled in this course must take the AP exam. AP exam fees apply.**

Fictional and True Crime Literature and Composition **1341**
.5 credit
Grades 11, 12

Why do real crime stories fascinate us? How did the idea of a true-crime podcast inspire a popular show series? What keeps us coming back to this genre for more? Through the exploration of fictional mystery, suspense stories, and true crime, this course will allow students the opportunity to trace the evolution of the mystery genre. We will examine what is revealed about human nature and society by this evolution, by the continued popularity of the genre, and by how fear and guilt, crime, detection, punishment, and moral responsibility are treated in these texts and their adaptations. Through the study of true crime stories, podcasts, and articles, students will familiarize themselves with the elements essential to the mystery genre. Students will analyze these elements as they determine the way in which authors leverage plot sequencing, suspense, and anecdote to engage the

audience in the story. Come read, write, and dissect crime stories with us! Throughout the analysis of text and film, students will explore the relationship between setting and mood, learn how to develop characters through narrative writing, and develop research skills by researching self-selected topics.

Science Fiction Literature and Composition **1342**
.5 credit
Grades 11, 12

This course will focus on studying the genre of science fiction and its many forms, such as dystopian fiction, cli-fi (climate fiction), and afro-futurism. Students will study the characteristics of the genre and the purposes that science fiction serves in our society and our understanding of our political and cultural environment. In addition to exploring the works of a diverse range of science fiction authors, students will have the opportunity to write various forms of original science fiction and to analyze the elements that make this genre unique and powerful.

BIPOC Literature and Composition **1343**
Grades 11, 12 *.5 credit*

This course will focus on investigating how American literature written by Black, Indigenous, and people of color (BIPOC) reflects various marginalized cultures. Topics of study include identity, power, privilege, cultural & institutional structures and, ultimately, how resistance and liberation can be seen through the use of counter storytelling. Students will write daily as a means of exploration and read two novels of their choice. Summatives include an opinion editorial, socratic seminar, literary analysis, media analysis, and a digital counterstory (multimodal research project). As students read, they will analyze how identity and culture have shaped the literature that has come from that writer, taking care to avoid the danger of a single story while also emphasizing the beauty and scholarship of these communities.

Sports Literature and Composition **1344**
Grades 11, 12 *.5 credit*

This course will examine the deep connection that exists between sports and society. Through the study of both fiction and nonfiction texts, students will engage with the concepts of victory, loss, cheating, and heroism. Armed with an understanding of the statistical analysis necessary to a meaningful understanding of the nuance of athletic performance, students will analyze the representation of athletes in both fictional and biographical accounts. Students will critically examine commentary, discerning author bias and examining consistencies and movements across multiple genres. In this course, students will read, research, discuss, and analyze as they consider sport as a staple of our society.

Film as Literature and Composition **1345**
Grades 11, 12 *.5 credit*

This course will focus on how various techniques of filmmaking help craft narrative. Students will watch shorts and full length feature films from various genres as a class, as partners, and individually. Discussions will involve analyzing film for both narrative elements as well as film technique. Discussions will take place around critical reviews of particular films and the film industry as a whole. Students will also use their knowledge of framing, lighting, sound and editing to create their own short stories through film. Students of any film knowledge level are encouraged to take this class!

Creative Writing **1340**
Grades 11, 12 *.5 credit*

This course invites students to explore the power of expressive language in a supportive, collaborative, workshop environment. Through the semester, you will experiment with the genres of poetry, short story, creative nonfiction, and drama, building your repertoire of skills and a portfolio of your work along the way. Through continuous practice, reflection, feedback, revision, and sharing, students will stretch their abilities to craft pieces in new genres and address diverse audiences to tell the stories that only they can tell.

Written Communication **1400**
Grades 11, 12 *.5 credit*

This transcripted semester-long course through Milwaukee Area Technical College (MATC) develops writing skills which include prewriting, drafting, revising, and editing. A variety of writing assignments are designed to help the learner analyze audience and purpose, research and organize ideas, and format and design documents based on subject matter and content. Also develops critical reading and thinking skills through the analysis of a variety of written documents. *You can earn dual credit at the high school and post-secondary level, but you must earn a “C” or better to receive MATC credit. Transcripted credit agreements are transferable to other Wisconsin technical colleges and may transfer to four-year universities. There is no additional cost for this course.

FAMILY CONSUMER SCIENCES – Innovation Arts

The purpose of the Family Consumer Sciences Department is to provide students with the opportunity to develop skills that permit a person to live a healthy, productive life and to strengthen participation in the family.

Students will:

- Use energy-saving techniques.
- Have knowledge and skills to maintain optimum physical and emotional health.
- Communicate effectively in a variety of situations.
- Use human relations techniques in everyday living.
- Use hands-on activities that simulate practical skills.
- Demonstrate personal growth through self-awareness.
- Use safety considerations in daily activities.
- Explore many opportunities for career and leisure time.
- Apply decision-making skills.
- Manage resources of time, energy and finances effectively.

College-bound students, as well as students seeking full-time employment upon graduation will find these courses useful because they provide valuable insights into skills that can be employed in making career and consumer decisions.



Culinary Arts 1 **8411**
Grades 9, 10, 11, 12 *.5 credit*

Culinary Arts is recommended for all students regardless of their career cluster or pathway, in order to build basic culinary knowledge and skills. It is especially appropriate for students with an interest in careers related to Hospitality, Tourism, and Culinary Arts. Laboratory experiences that develop basic safety and culinary skills are required components of this course. The course will introduce students to the basics of kitchen safety, including knife handling, appliance safety, and food sanitation (e.g., proper hand washing, cross-contamination prevention).**Material fees apply**.

Culinary Arts 2 **8421**
Grades 9, 10, 11, 12 *.5 credit*
Prerequisite: Culinary Arts 1-8411

Culinary Arts II is a continuation of the skills you built in Culinary Arts 1. Learn to cook foods from different cultures. Laboratory experiences that develop basic safety and culinary skills are required components of this course. The course will introduce students to the basics of kitchen safety, including knife handling, appliance safety, and food sanitation (e.g., proper hand washing, cross-contamination prevention). This course offers an opportunity to earn your ServSafe certification, which is needed to work in food service anywhere. **Material fees apply**.

ProStart Culinary Arts and Hospitality Overview

ProStart is a two-year, industry-backed culinary arts and restaurant management program for high school students. ProStart is taught with a two-year curriculum that: Integrates practical skill sets, allows students to become familiar with restaurants and foodservice, exposes students to innovative career opportunities, provides tools and skills needed to become a successful industry leader. Students can earn a variety of professional certifications, compete in state competitions, and even earn scholarships and college credits. ***The two courses, Industry (8423) and Management (8424) will run alternating years.***

ProStart Culinary Arts and Hospitality Industry **8423**
1 credit
Grades 10, 11, 12
Prerequisite: Culinary Arts 1-8411 and Culinary Arts 2-8431 OR Teacher Approval

In this year of the ProStart Culinary Arts and Hospitality program, students will study an overview of the restaurant and foodservice industry. Students will learn the industry safe flow of food, the tools of the trade, career opportunities, and a variety of culinary methods including an introduction to professional baking. You will also learn and practice excellent service and front-of-the-house skills. **Material fees apply**.

ProStart Culinary Arts and Hospitality Management **8424**
1 credit
Grades 10, 11, 12
Prerequisite: Culinary Arts 1-8411 and Culinary Arts 2-8431 OR Teacher Approval

ProStart is a program created and supported by the National Restaurant Association Educational Foundation. Students learn the management and culinary skills needed for a career in the foodservice industry. Educational strategies and technology are utilized for classroom instruction. In addition, there is an emphasis on the overview of the restaurant and food service industry, safe operations, introduction to the kitchen,

culinary exploration, and service and management. There is an opportunity for a certification of achievement (for an additional fee) upon the successful completion of the ProStart exams and documented work in the industry. **Material fees apply**.
AVAILABLE 2026-2027 SCHOOL YEAR

Introduction to Teaching 8430

Grades 11, 12 *1 credit*

**Introduction to Teaching is a dual enrollment course that allows students to earn both Nicolet credit and transferable college credit through UW-Milwaukee for CURRINS 300.*
Prerequisite for three college credits: junior or senior standing, GPA of at least 2.5 on a 4.0 scale

This course provides an introduction to the teaching profession and teaching in urban schools as well as an overview of educational, multicultural, social, economic, and political issues that influence urban schools. This course is not designed to teach you how to teach. Rather, the focus is to help you to begin thinking about what it means to be a highly qualified educator who effectively teaches all students. The course also offers an opportunity to gain knowledge and experience in the interpersonal, collaborative, observational, reflective, analytical and organizational skills required of a professional teacher. In addition to the course content, 40 hours will be dedicated to a school/classroom field experience and service hours with an elementary or middle school in our community. These hours will be completed during Nicolet class time. **Please reference the dual enrollment chart for costs associated with this course. Please reference the chart on page 10 for costs associated with dual enrollment.**

Infant and Toddler Development 8462

Grades 10, 11, 12 *.5 credit*

This is a dual enrollment course that allows students to take the class for both Nicolet credit and **college credit through MATC.*

Students in this course will analyze the growth and development of infants and toddlers from conception to life in the womb, to 36 months. Learn to understand and care for infants and toddlers. This course has project options such as taking the robot baby, exploring developmental theorists, pregnancy simulation, day care experience, etc. Students interested in child psychology, pediatric medicine, or early childhood education will particularly enjoy this course.
This class is a transcripted college 3-credit course and will appear as on your MATC transcript as Early Childhood Education: Infant & Toddler Development (CHILDD 151). You must maintain a C or better in the course to earn college credit through MATC. **Please reference the chart on page 10 for costs associated with dual enrollment.**

Child Development 8464

Grades 10, 11, 12 *.5 credit*

This is a dual enrollment course that allows students to take the class for both Nicolet credit and **college credit through MATC.*

In this course, you will integrate strategies that support diversity, cultural responsiveness, and anti-bias perspectives; Analyze social, cultural, and economic influences on child development; summarize child development theories; Relate child development research findings to practice; Analyze the role of heredity and the environment; Examine the role of brain development in early learning (ages 3-8); Examine developmental and environmental assessment strategies for children ages 3-8. **This class is a transcripted college 3-credit course and will appear as on your MATC transcript as Early Childhood Education: Child Development (CHILDD 179).** You must maintain a C or better in the course to earn college credit through MATC. **Please reference the chart on page 10 for costs associated with dual enrollment.**

Guiding Child Behavior 8465

Grades 10, 11, 12 *.5 credit*

This is a dual enrollment course that allows students to take the class for both Nicolet credit and **college credit through MATC.*

Students interested in child psychology, pediatric medicine, or early childhood education will particularly enjoy this course. This 3-credit course examines positive strategies to guide children's behavior in the early childhood education setting. Course competencies include: integrate strategies that support diversity summarize early childhood guidance principles; analyze factors that affect the behavior of children; practice positive guidance strategies; develop guidance strategies to meet individual needs; create a guidance philosophy. **This class is a transcripted college 3-credit course and will appear as on your MATC transcript as Early Childhood Education: Child Development (CHILDD 188).**

Family and Community Relationships 8466

Grades 10, 11, 12 *.5 credit*

This is a dual enrollment course that allows students to take the class for both Nicolet credit and **college credit through MATC.*

Students will study diversity and cultural responsiveness when working with families and community, analyze contemporary family patterns and trends; identify strategies to strengthen and support families; explore effective communication strategies; discover strategies for developing respectful and reciprocal relationships with families; analyze strategies to promote family engagement in early childhood education programs; explore a variety of formats for meeting with families in their contexts; advocate for children and families; and explore community resources that provide a range of services for children and families..

This class is a transcripted college 3-credit course and will appear as on your MATC transcript as Early Childhood Education: Family and Community Relationships (CHILDD 195). **Please reference the chart on page 10 for costs associated with dual enrollment.**

Early Childhood Education Introductory Practicum 8467

.5 credit

Grades 11, 12

Prerequisite: Grade of "B" or better in any 2 of the following: Infant & Toddler Development-8462, Child Development-8464, Guiding Child Behavior-8465, Family & Community Relationships-8466

In this practicum course you will learn about and apply the course competencies in an actual early childhood setting. You will explore the standards for quality early childhood education, demonstrate professional behaviors, and meet the requirements for training in the Wisconsin Model Early Learning Standards.

This class is a transcripted college 3-credit course and will appear as on your MATC transcript as Early Childhood Education: Introductory Practicum (CHILDD 174)

Medical Terminology 8310

Grades 10, 11, 12 *.5 credit*

Hundreds of great careers involve understanding medical language. Every career in healthcare will require an understanding of the professional terminology for the various systems of the body, medications, tests, etc. We will have some large group discussions and activities. Also, this course offers you the chance to learn the systems you are most interested in while working at your own, quiet pace in a calm learning environment.

Introduction to Healthcare Careers 8320

Grades 9, 10, 11, 12 *.5 credit*

You are interested in learning more about careers in healthcare, but not sure what is out there or just want to learn more. This is the class for you! Get connected with professionals in the healthcare world and ask them questions, learn about the skills needed to be successful in healthcare careers, and maybe even find a potential future career. Students will learn these skills through a combination of regular class work and hands-on activities. **Material fees apply**.

MATHEMATICS

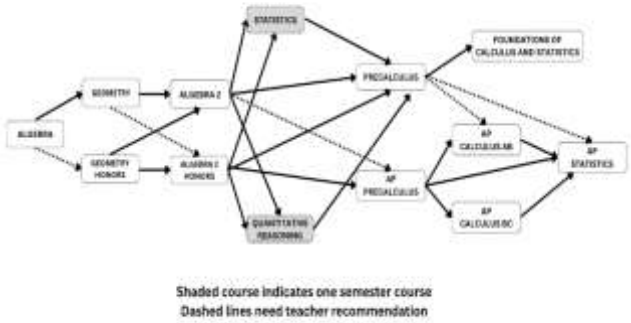
The Nicolet Mathematics curriculum incorporates Wisconsin Standards for Mathematics. Through the use of an engaging curriculum, students explore concepts of mathematics in a variety of ways in order to learn to: (a) value mathematics, (b) reason mathematically, (c) communicate mathematically and (d) develop their ability to solve problems.

Students in all math classes use problem solving strategies, questioning, investigating, critical analysis, gathering and constructing evidence, and communicating rigorous arguments to justify their thinking. Students learn in collaboration with others, exploring old and new concepts and sharing information, expertise and ideas.

Calculators
It is required for students to have a graphing calculator from the TI-84 Plus Family (Original or CE) to use for their Algebra course. This same calculator is required and will be used in all future math classes.

Mathematics Requirement
Nicolet requires students to complete three credits in mathematics to meet state graduation requirements. However, Nicolet highly recommends a fourth year of math for students who plan to attend college.

Pathways
All pathways are designed to thoroughly prepare students for post-secondary education at a university or college. Students taking an honors mathematics course should have a strong interest in mathematics and/or if it aligns to their post-secondary academic and career goals.



Mathematics Requirements and Options
(* Indicates One Semester Courses)

Freshmen
Algebra - 3233
Geometry - 3333
Geometry Honors - 3310

Sophomores
Geometry - 3333
Geometry Honors – 3310
Algebra 2 – 3433
Algebra 2 Honors - 3237
Advanced Placement Precalculus - 3410
*Computer Programming 1 - 3711
*Computer Programming 2 - 3721

Juniors and/or Seniors
Algebra 2 - 3433
Algebra 2 Honors - 3237
*Statistics - 3520
*Quantitative Reasoning - 3543
Foundations of College Calculus
and Statistics-3600
Advanced Placement Precalculus - 3410
Advanced Placement Calculus AB - 3619
Advanced Placement Calculus BC - 3610
Advanced Placement Statistics - 3630
Advanced Placement Computer Science A - 3621
*Computer Programming 1 - 3711
*Computer Programming 2 - 3721

Algebra **3233**
Grade 9 *1 credit*

Algebra aims to develop mathematical fluency through the study of linear equations, inequalities, systems and quadratic and exponential functions. Students investigate mathematics through the use of real world problems and applications. This course emphasizes the use of analyzing data graphically, numerically, symbolically and verbally. A TI-84 graphing calculator is required and will be used in this course and future mathematics courses.

Geometry **3333**
Grades 9, 10 *1 credit*
Prerequisite: Algebra-3233

Geometry aims to formalize and extend the geometry that students have learned in previous courses. In this course students will study the properties, relationships, and measurements of shapes, lines, angles, surfaces, and solids. Concepts like points, lines, planes, angles, congruence, similarity, transformations, area, perimeter, and volume will be covered. These concepts will help students learn how to analyze and understand spatial relationships between different geometric figures Students will also revisit probability. **A TI-84 graphing calculator is required.**

Geometry Honors **3310**
Grades 9, 10 *1 credit*
Prerequisite: Algebra-3233

Geometry Honors incorporates the same goals as Geometry with more rigor to prepare students for the Honors program and Advanced Placement courses. In addition the course includes deductive and inductive logical reasoning and a strong emphasis on formal proofs. **A TI-84 graphing calculator is required.**

Algebra 2 **3433**
Grades 10, 11, 12 *1 credit*
Prerequisite: Geometry-3333 or Geometry Honors 3310

Algebra 2 aims to apply and extend what students have learned in previous courses by focusing on finding connections between multiple representations of functions, transformations of different function families, linear programming, finding zeros of polynomial and connecting them to graphs and equations or polynomials, modeling periodic phenomena with trigonometry, and revisit statistics. **A TI-84 graphing calculator is required.**

Algebra 2 Honors **3237**
Grades 10, 11 *1 credit*
Prerequisite: Geometry Honors-3310 or Geometry-3333

Algebra 2 Honors incorporates the same goals as Algebra 2 with more rigor to prepare students for Advanced Placement courses. In addition, the course includes matrices and probability and extensive application of algebraic concepts. **A TI-84 graphing calculator is required.**

Precalculus **3422**
Grades 10, 11, 12 *1 credit*
Prerequisite: Algebra 2-3433 or Algebra 2 Honors-3237

Pre-Calculus aims to prepare students for a Calculus course by weaving together previous study of algebra, geometry, and mathematical functions. Topics include fundamental concepts of Algebra, functions and graphs, polynomials and rational functions exponential and logarithmic functions, trigonometric functions, analytic trigonometry, topics in trigonometry, conic sections and analytic geometry, sequences, and limits. **A TI-84 graphing calculator is required.**

Advanced Placement Precalculus **3410**
Grades 10, 11, 12 *1 credit*
Prerequisite: Algebra 2 Honors-3237 or Algebra 2-3433 or consent of instructor

AP Precalculus centers on functions modeling dynamic phenomena. This research-based exploration of functions is designed to better prepare students for college-level calculus and provide grounding for other mathematics and science courses. In this course, students study a broad spectrum of function types that are foundational for careers in mathematics, physics, biology, health science, business, social science, and data science. Furthermore, as AP Precalculus may be the last mathematics course of a student's secondary education, the course is structured to provide a coherent capstone experience rather than exclusively focusing on preparation for future courses. **A TI-84 graphing calculator is required. <u>All students enrolled in this course must take the Advanced Placement exams. Advanced Placement fees apply.</u>**

Statistics **3520**
Grades 11, 12 *.5 credit*
Prerequisite: Algebra 2-3433

Statistics aims to give students a strong base knowledge of statistics for a college level course. Statistics are widely used in the fields of business, economics, medicine, science, engineering, sociology, psychology, education, and ecology. Most colleges and universities require a college course in statistics for the majors listed above. Topics include data collection, data analysis, correlation, model building, estimation, inference, regression, and hypothesis testing. This course is highly recommended for all seniors, not taking Pre-calculus. **A TI-84 graphing calculator is required.**

Quantitative Reasoning **3543**
Grades 11, 12 *.5 credit*
Prerequisite: Algebra 2-3433

Quantitative Reasoning aims to teach students mathematical skills needed for informed decision making. Its emphasis is on mathematical reasoning and its practical application in a variety of contexts. This course develops a habit of mind, competency, and comfort in working with numerical data. Students will learn to reason and solve quantitative problems from a wide array of authentic context and everyday life situations, develop the ability to reason mathematically, and make and evaluate logical arguments supported by quantitative evidence. **A TI-84 graphing calculator is required.**

Foundations of College Calculus and Statistics **3600**
1 credit
Grades 11, 12
Prerequisite: Precalculus-3422 or Advanced Placement Precalculus-3410

Foundations of College Calculus and Statistics aims to provide a solid foundation for students so that they are prepared for success in other college level math courses. The course is designed for math students that need additional background prior to taking an Advance Placement level math course. **A TI-84 graphing calculator is required.**

Advanced Placement Calculus AB **3619**
Grades 11, 12 *1 credit*
Prerequisite: Advanced Placement Precalculus 3410

AP Calculus AB focuses on students' understanding of calculus concepts and provides experience with methods and applications. Through the use of big ideas of calculus (e.g., modeling change, approximation and limits, and analysis of functions), each course becomes a cohesive

whole, rather than a collection of unrelated topics. This course requires students to use definitions and theorems to build arguments and justify conclusions. AP Calculus AB is designed to be the equivalent of a first semester college calculus course devoted to topics in differential and integral calculus. **A TI-84 graphing calculator is required. All students enrolled in this course must take the Advanced Placement exams. Advanced Placement fees apply.**

Advanced Placement Calculus BC 3610

Grades 11, 12 *1 credit*
Prerequisite: Advanced Placement Precalculus-3410

AP Calculus BC focuses on students' understanding of calculus concepts and provides experience with methods and applications. Through the use of big ideas of calculus (e.g., modeling change, approximation and limits, and analysis of functions), each course becomes a cohesive whole, rather than a collection of unrelated topics. This course requires students to use definitions and theorems to build arguments and justify conclusions. AP Calculus BC is designed to be the equivalent to both first and second semester college calculus courses. AP Calculus BC applies the content and skills learned in AP Calculus AB to parametrically defined curves, polar curves, and vector-valued functions; develops additional integration techniques and applications; and introduces the topics of sequences and series. **A TI-84 graphing calculator is required. All students enrolled in this course must take the Advanced Placement exams. Advanced Placement fees apply.**

Advanced Placement Statistics 3630

Grades 11, 12 *1 credit*
Prerequisite: Advanced Placement Precalculus-3410 or consent of instructor

The AP Statistics course introduces students to the major concepts and tools for collecting, analyzing, and drawing conclusions from data. There are four themes evident in the content, skills, and assessment in the AP Statistics course: exploring data, sampling and experimentation, probability and simulation, and statistical inference. Students use technology, investigations, problem solving, and writing as they build conceptual understanding. **A graphing calculator is required. All students enrolled in this course must take the Advanced Placement exams. Advanced Placement fees apply.**

Computer Programming 1 3711

Grades 10, 11, 12 *.5 credit*
(This does not fulfill requirements toward the 3 year math graduation requirement).

Computer programming is a fundamental 21st century skill. In this course, students learn computer programming by creating interactive pictures on the screen and program in the popular Python programming language. Topics include creating objects, using conditional statements to make decisions, and accepting user input from the mouse and from the keyboard.

Computer Programming 2 3721

Grades 10, 11, 12 *.5 credit*
Prerequisite: Computer Programming 1-3711
(This does not fulfill requirements toward the 3 year math graduation requirement)

Computer Programming 2 is a continuation of Computer Programming 1 and will continue to program in the Python language. Students will be developing their own functions and then be able to create more complicated programs. These programs will include using random numbers, working with "strings" of characters, and using more complicated control structures such as for loops and while loops. Upon successful compilation of this course, students will be prepared for the Advanced Placement Computer Science A Course.

Advanced Placement Computer Science A 3621

1 credit
Grades 11, 12
Prerequisite: Computer Programming 2-3721
(This does not fulfill requirements toward the 3 year math graduation requirement).

AP Computer Science A introduces students to computer science through programming. Fundamental topics in this course include the design of solutions to problems, the use of data structures to organize large sets of data, the development and implementation of algorithms to process data and discover new information, the analysis of potential solutions, and the ethical and social implications of computing systems. The course emphasizes object-oriented programming and design using the Java programming language. **All students enrolled in this course must take the Advanced Placement exams. Advanced Placement fees apply.**

MUSIC – Performing Arts

The Nicolet High School Music Department believes…

- All students should have the opportunity to study the cultural, theoretical and historical significance of music from around the world in a challenging academic environment.

- Performing student musicians should have the opportunity to study the technical, aesthetic and social aspects of music in the context of various performing ensembles.

- Performing student musicians should have the opportunity to demonstrate and further their musical development through structured performance opportunities.

Many universities require at least one year of visual or performing art, including instruction in the history and interpretation of the art for (e.g., theater arts, music, band, chorus, orchestra, drawing, painting, photography, graphic design, etc.)

The music program at Nicolet offers a wide array of opportunities for any student to study music to pursue a comprehensive educational experience. The music courses at Nicolet include:

1. Performance classes in instrumental and vocal music, and
2. General music classes in a variety of topic areas.

The performance classes focus on personal skills and group experience through which the students have access to a variety of quality literature. The general music classes are for students with a wide range of knowledge and skills in music – from Beginning Electronic Piano to Advanced Placement Music Theory, our goal is to broaden students' personal experience and understanding of music.

Orchestra is for students playing the violin, viola, cello, bass, harp or keyboard. Students that have been playing electric bass will play the acoustic upright bass in addition to the electric bass, in order to broaden their opportunities in the future. Electric bass students may also play in the jazz, rock, and pop ensembles that meet in the morning, conducted by Mr. McDowell.

All music department elective class students have an option to *waive* their grade. If they choose this option, the students still receive a grade that appears on their report card and transcript, but the grade does not affect their overall GPA.

Bass Choir **9462**
Grades 9, 10, 11, 12 *1.0 credit*

Bass Choir is open for all tenor-bass voices. The choir performs traditional and modern music. The chorus performs at school concerts throughout the year and in the community. Individual and sectional lessons are available. In addition, solo and small ensemble opportunities are available. It is not necessary to audition for this ensemble. *Semester option with consent of instructor.*

Treble Choir **9460**
Grades 9, 10, 11, 12 *1 credit*

Treble choir is open to all soprano-alto voices. Treble Choir is the entry-level choir. Students develop vocal technique, ability to read notes and rhythms, and ensemble rehearsal skills necessary for our more advanced choral groups, increasing music-reading skills and improving expressive use of the voice are primary course objectives. Various music is studied and performed, including diverse musical styles and genres representing cultures worldwide. Individual and sectional lessons are available, as well as opportunities for additional solo and ensemble performances. Group performance participation in formal concerts is required. In addition, solo and small ensemble opportunities are available. *Semester option with consent of instructor.* **It is not necessary to audition for this ensemble.**

Concert Choir **9490**
Grades 9, 10, 11, 12 *1 credit*
Prerequisite: Consent of the Instructor

Concert Choir provides an in-depth study of vocal technique and choral music for the intermediate vocal student. Various music is studied and performed, including diverse musical styles and genres, representing cultures worldwide. Individual and sectional lessons are available, as well as opportunities for additional solo and ensemble performances. Involvement in WSMA Solo Ensemble Festival is strongly encouraged. Students registering for this ensemble should have previous choir experience as well as a working knowledge of music notation. Group performance participation is required. *Semester option with consent of instructor.* **Students interested in auditioning for Concert Choir should contact Ms. Trinny Schumann at 414-351-8171 or trinny.schumann@nicolet.us**

Chamber Singers **9485**
Grades 9, 10, 11, 12 *.4 credit*
Prerequisite: Consent of the Instructor

Chamber Singers is an auditioned choir of mixed voices for the advanced vocal student. Various music is studied and performed, including diverse musical styles and genres, representing cultures worldwide. The course is offered outside of the school day. Group performance is required. Individual and sectional lessons are available, as well as opportunities for additional solo and ensemble performances. Participation in WSMA Solo & Ensemble Festival is required. Placement is by audition in early September.

Vocal Jazz Ensemble **9491**
Grades 9, 10, 11, 12 *.4 credit*
Prerequisite: Consent of the Instructor

This course is an auditioned vocal jazz ensemble intended for the advanced choral student. Various jazz styles are rehearsed and performed, emphasizing vocal technique, and ear training skills. Individual and sectional lessons are available, as well as opportunities for additional solo and ensemble performances. The course is offered outside of the school day. Required performances are held outside the school day as well. Placement is by audition in early September.

Sinfonia **9440**
Grades 9, 10 *1 credit*

Sinfonia is the perfect starting point for freshman orchestra students passionate about violin, viola, cello, bass, harp, or piano. This entry level ensemble cultivates individual technical and musical proficiency, laying the foundation for advanced playing. Throughout the year, Sinfonia showcases its progress at three concerts, either independently or in collaboration with Philharmonia. Students can opt for individual or sectional lessons to support personalized growth, and additional opportunities for solo and ensemble performances abound. Sinfonia welcomes incoming 8th graders without auditions, making it an accessible and inclusive choice for all aspiring musicians. **Instrument rental fees may apply**. A one-semester option is available with the consent of the instructor.

Philharmonia **9442**
Grades 10, 11 (other grades with permission) *1 credit*
Prerequisite: Consent of the Instructor (based on audition)

Philharmonia is an advanced ensemble tailored for orchestra students who have mastered basic technical and musical skills on their respective instruments. This course provides a platform for students to delve deeper into refining their musical abilities and techniques, serving as a stepping stone for future participation in the Chamber Orchestra, Throughout the academic year, Philharmonia engages in three concerts, showcasing their collective talents either independently or in collaboration with Sinfonia. To enhance individual growth, students have the option to participate in both individual and sectional lessons. Furthermore, the course offers unique opportunities for students to explore solo performances and chamber music collaborations, fostering a well-rounded musical experience. Aspiring freshmen are encouraged to audition for a coveted spot in this ensemble by reaching out to Mr. Jamin Hoffman at 414-351-8173 or via email at jamin.hoffman@nicolet.us. Join us on this musical journey where dedication, passion, and excellence converge to create a harmonious learning environment. Orchestra students who demonstrate a mastery of Students may repeat this course if needed. **Instrument rental fees may apply**. A one-semester option is available with the consent of the instructor

Chamber Orchestra **9486**
Grades 11, 12 (other grades with permission) *1 credit*
Prerequisite: Consent of the Instructor (based on audition)

Chamber Orchestra is an advanced orchestral experience designed exclusively for dedicated high school musicians. This class, accessible through audition, is tailored for proficient orchestra students who are passionate about honing their skills in a performance-oriented ensemble. Our focus is on exploring the rich tapestry of the standard orchestral repertoire, encompassing both string and full orchestral arrangements. Throughout the academic year, students in this group showcase their musical prowess in three captivating concerts including the much anticipated annual Music Department Joint concert and the Full Orchestra concert held in late spring. If you're eager to be a part of this transformative musical journey, we encourage you to connect with Mr. Jamin Hoffman at 414-351-8173 or jamin.hoffman@nicolet.us to inquire about the audition process for the esteemed Chamber Orchestra. Embrace the opportunity to elevate your musical abilities and contribute to the collective harmony of our ensemble **Instrument rental fees may apply**. A one semester option is available with consent of the instructor.

Concert Band **9450**
Grades 9, 10, 11, 12 *1 credit*

Concert Band is the entry-level band for students at Nicolet who play woodwind, brass, or percussion instruments. This class ensures that students develop the instrumental technique, ability to read notes and rhythms, and ensemble rehearsal skills necessary for more advanced playing. Concert Band students perform two to three concerts per year, either alone or with the Symphonic Band. Personal and sectional lessons are available, as well as opportunities for additional solo and ensemble performances. Additional opportunities for Concert Band students include jazz ensembles and Pep Band. Students may repeat this course if needed. **It is not necessary to audition for this ensemble.**

Symphonic Band **9430**
Grades 9, 10, 11, 12 *1 credit*

Prerequisite: Consent of the Instructor

The Symphonic Band is an advanced ensemble for woodwind, brass, and percussion players' that encompasses an array of musical experiences, including the preparation of challenging band repertoire, chamber music, and symphonic orchestral literature. Required performances are scheduled throughout the year, including formal concerts, the Wisconsin School Music Association Solo and Ensemble Festival, and the commencement ceremony. Additional opportunities for Symphonic Band students include jazz/pop ensembles, pit orchestra, and Pep Band. Students may repeat this course. **Students are place in Symphonic Band though audition and/or consent of the instructor.**

Big Band (Twice Weekly) **9218**
Full year *.4 credit*
Pop Combo (Once Weekly) **9219**
Full year *.2 credit*
Jazz Combo (Once Weekly) **9220**
Full Year *.2 credit*
Grades 9, 10, 11, 12
Prerequisite: Placement and Consent of the Instructor is required. Woodwind & brass students must be concurrently registered for Concert or Symphonic Band

These groups perform repertoire from various popular genre including: Blues, Swing, Bebop, Post-bop, Rock, Funk, Sour, R&B, Ska, Nouveau Swing, Latin, and others at concerts, festivals and community events throughout the year. Placement is by audition in early September. Wind and percussion candidates must be registered for either Concert or Symphonic Band. Vocalists, piano, bass and guitar players welcome. Rehearsals take place in the mornings from 7:00-7:40am and are scheduled by the group.

Song Writing and Production **9494**
Grades 10, 11, 12 *1 credit*
Prerequisite: Music and Song Writing-9493

Songwriting and Production is a two-semester course that offers young musicians with elemental musical training instruction in melodic and harmonic theory, lyric development, recording techniques, sound editing, and mastering. Students will develop musical ideas, write original material, record, edit, and master an original song or musical composition. Students will work individually and collaborate with classmates and student musicians in the Nicolet music lab, recording studio, and practice room facilities.

Music Theory **9480**
Grades 10, 11, 12 *1 credit*
Prerequisite: Consent of the Instructor

Music Theory is a multi-level course designed to develop a student's ability to recognize, understand and describe the basic materials presented in a musical score. This course instills the rudimentary information and mastery of notation, intervals, scales and keys, chords, metric organization and rhythmic patterns. Furthermore, students develop aural and sight-singing skills and learn about compositional techniques from the past four centuries. Students focus on the techniques from the past four centuries. Students focus on the entry-level methods from the common practice (Baroque and Classical) eras.

Advanced Placement Music Theory **9475**
Grades 10, 11, 12 *1 credit*
Prerequisite: Consent of the Instructor

Music Theory is a multi-level course designed to develop a student's ability to recognize, understand and describe the basic materials presented in a musical score. This course instills the rudimentary information and mastery of notation, intervals, scales and keys, chords, metric organization and rhythmic patterns. Furthermore, students develop aural and sight-singing skills as well as learn compositional techniques from the past four centuries. Students focus on the techniques from the common practice (Baroque and Classical) eras; and techniques from the Romantic and 20th century eras. Advanced Placement Music Theory requires ear-training assignments and students are required to take the Advanced Placement Music Theory Exam. Advanced Placement fees apply.

Beginning Electronic Piano **9483**
Grades 9, 10, 11, 12 *.5 credit*

This one semester course offers a beginning experience in musical keyboard training for those students with no previous experience. The class includes development of music literacy and playing skills at the keyboard through regular performance evaluations. Additional study consists of the features and capabilities of electronic keyboards. **Material fees apply.**

Intermediate Electronic Piano **9484**
Grades 9, 10, 11, 12 *.5 credit*
Prerequisite: Beginning Electronic Piano-9483

This course offers additional semesters of study in musical keyboard training. Students continuing their keyboard studies will expand their knowledge and development of music reading skills and literature. Written and playing evaluations are used to demonstrate individual student growth. This course may be repeated. **Material fees apply.**

Beginning Guitar **9478**
Grades 9, 10, 11, 12 *.5 credit*

This one semester course provides beginning guitar instruction to students with no prior experience. Students will develop playing skills and music literacy through group instruction, individual coaching, and computer assisted practice. Following introductory lessons, students will select a piece to develop throughout the semester. Instruments will be provided.

Intermediate Guitar **9479**
Grades 9, 10, 11, 12 *.5 credit*
Prerequisite: Beginning Guitar-9478 or consent of Instructor

This one-semester course provides the experienced guitarist the opportunity to solidify basic skills and then develop more advanced technique in rhythm, lead, blues, rock, classical, finger picking, or fusion styles. Students will have the opportunity to prepare songs of their choice for performance. Instruments will be provided. Students may take this course on a recurring basis.

Music Technology **9482**
Grades 9, 10, 11, 12 *.5 credit*

Students learn about music theory, composition and arranging through various digital audio workstations. The Nicolet Electronic Music Lab provides the resources for students to use music software to compose, arrange, edit and produce printed and audio music products. While not necessary, it is strongly suggested that students have a basic understanding of music notation and theory before taking this class, as the students may work with standard notation in written scores. Students may choose to have this course fulfill their Fine Arts graduation requirement.

Symphonic Percussion Techniques **9431**
Grades 9, 10, 11, 12 *1 credit*
Prerequisite: Consent of the Instructor

Symphonic Percussion Techniques is an auditioned class for percussionists' that encompasses an array of musical experiences including the preparation of advanced band repertoire, chamber music, orchestral repertoire, marching percussion, Latin percussion, and drum set techniques. Required performances are scheduled throughout the year, including formal concerts and the WSMA Solo and Ensemble festival. Additional opportunities Symphonic Percussion students include jazz/pop ensembles, pit orchestra and Pep band. This course will meet on a semi-concurrent basis with the Symphonic Band in order to collaborate on performance repertoire. **Students are placed in Symphonic Percussion Techniques through audition and/or consent of the instructor.**

PHOTOGRAPHY–Innovation Arts

The photography program offers a wide range of experiences for students studying the medium. Students begin by learning the basics of composition, subject matter and Photoshop using a digital camera in Photography 1 and then continue to build on these skills learning advanced techniques using professional quality DSLR cameras. Students are also selected to enter local, state and national contests in addition to exhibiting and discussing their work during class critiques.

Photography 1 **9181**
Grades 9, 10, 11, 12 *.5 credit*

This course teaches the basics of photography. Students learn compositional and artistic techniques that can improve any level of photography and the technical skills necessary to get the most out of digital cameras. Students leave Photo 1 as skilled casual photographers, capable of taking great photos from both an artistic and technical standpoint. **Material fees apply**.

Photography 2 **9182**
Grades 9, 10, 11, 12 *.5 credit*
Prerequisite: Photography 1-9181
*This is a dual enrollment course that allows students to take the class for both Nicolet credit and **college credit** through MATC.*

This course starts the transition from casual photographer to professional photographer. Students are provided professional quality DSLR cameras to master the various technical aspects of a professional camera. They explore advanced compositions, RAW photography, lighting, editing, printing and mounting. Students leave Photo 2 with a college level skill set in digital photography. **Material fees apply**. **Please reference the chart on page 10 for costs associated with dual enrollment.**

Photography 3 **9183**
Grades 10, 11, 12 *.5 credit*
Prerequisite: Photography 2-9182

This course is for students who have a strong desire to continue improving and exploring their photography skills, both digital and film. Students explore advanced techniques and complete independent projects that interest them along with those required by the teacher. Students in this class also have the opportunity to photograph assignments for the school newspaper, yearbook and website. Students taking this course must be self-motivated, responsible and able to work independently on assignments. **Material fees apply**.

Yearbook **9185**
Grades 10, 11, 12 *1 credit*
Prerequisite: B or higher in Journalism-9186 and/or teacher recommendation *Repeatable*

The yearbook class produces the yearbook and the yearbook supplement. Class members are expected to write copy, caption photos and contribute creative ideas. Students must be able to meet deadlines and work well with others. Any student interested in being an editor must apply through Mr. Medved.

Journalism **9186**
Grades 9, 10, 11, 12 *.5 credit*

Journalism teaches students all the skills needed to create a professional publication. Students will learn the art of journalism by conducting interviews and writing stories, the art of photojournalism by capturing sports and events from around the school, and the art of design by creating their own page layouts. Student will work together as a staff to write and design Nicolet's magazine, the Squire. **Note: Students will be required to attend and photograph events that occur after school.**

Video Game Studies 1 **9170**
Grades 9, 10, 11, 12 *.5 credit*

Video Game Studies explores the unique medium of video games. We will learn how games have evolved from humble pixel beginnings into a multi-billion dollar industry, discover how gaming creates complex narratives, research and debate contemporary issues in gaming, and learn about careers in the gaming industry. We will read, write, collaborate, discuss, and play to learn how gaming brings people together. All gamers new and old are welcome.

Video Game Studies 2 **9171**
Grades 9, 10, 11, 12 *.5 credit*
Prerequisite: Video Game Studies 1-9170

Video Game Studies 2 will continue to explore the unique medium of video games. Students will continue to read, write, collaborate, discuss, and play video games. Students will build on their video game analysis skills to discover even more unique video game genres and experiences. Students will explore careers in the video game industry from firsthand accounts by industry professionals. Students will learn how to create pixel art, develop a character and unique narrative, and ultimately craft a pitch for their own unique video game. Welcome to the next level.

SCIENCE

The primary goal of the Science Department is to develop scientifically literate students who are capable of rational thought and action. Such students develop the attitudes, processing skills and concepts of science necessary for meeting the general goals of education. We hope that these students develop an understanding of the fundamental laws of the universe and how these laws apply to both physical and biological systems, an awareness of the manner in which science and technology affect the quality of their environment, skills and attitudes that enable them to protect and improve the environment for the present and future generations.

Courses in the science curriculum involve laboratory investigative processes and are offered at different levels designed to meet the individual student's needs and abilities. Degree of abstract and complexity of application and topics are the major vehicles of the various instructional levels. Instructional levels include:

Honors Courses

Students experiencing a high degree of success in Biology and Chemistry courses are eligible to enroll in science honors courses during their sophomore, junior and senior years. Honors credit is available in Science Seminar and in the Advanced Placement Biology, Chemistry, Physics and Environmental Science courses. Since our Advanced Placement classes are designed to incorporate the objective set forth by the Advanced Placement Program Committee of the College Entrance Examination Board, upon completion of these courses, students may earn one semester of college placement and/or credit through an Advanced Placement examination.

Participants in this program are expected to have a strong background in mathematics, reading comprehension and composition. They should be able to reason abstractly and think creatively. In addition, students should demonstrate a strong interest in science.

Placement

A student's ninth grade instructional level placement is made by the Science Department after careful study of the following criteria: scores on test data, grades and the rating of the eighth grade science teacher. Biology is required for all freshman students.

During the sophomore year, all students will be placed in a year-long course. Junior and senior years, students are allowed to choose their science classes. We find that they are usually quite adept at basing these decisions on their past achievement in their science and mathematics courses and their future educational goals. Parents and students with questions and concerns regarding departmental placement recommendations are encouraged to contact their student's individual counselor.

Science Requirements and Options
(* Indicates One Semester Courses)

Freshmen – Required
Biology – 2320 or 2340

Sophomores – 1 Course Required
Chemistry – 2460 or 2415
Physics - 2530

Sophomores – Additional Electives
*Physics of the Universe - 2351
*Anatomy and Physiology:
-Musculoskeletal & Neurology - 2205
*Anatomy and Physiology:
-Internal Organ Systems - 2210
Advanced Placement Environmental Science - 2131
Advanced Placement Physics 1 – 2540
Environmental Science & Outdoor Pursuits - 2120

Juniors and/or Seniors
Advanced Placement Biology - 2350
Advanced Placement Chemistry - 2405
Advanced Placement Environmental Science - 2131
Advanced Placement Physics 1 - 2540
Advanced Placement Physics C-Mechanics - 2552
*Anatomy and Physiology:
-Musculoskeletal & Neurology - 2205
*Anatomy and Physiology:
-Internal Organ Systems - 2210
Environmental Science & Outdoor Pursuits - 2120
Physics - 2530
*Physics of the Universe - 2351
*Principles of Biotechnology - 2215

Additional Electives
The following classes are also available but do NOT count towards science graduation credits:
*Independent STEM Research Honors - 2905
- 9, 10, 11, 12
* STEM Research Honors - 10, 11, 12 - 2909

Biology **2320**
Grade 9 *1 credit*

Biology is an introduction to life processes. We will help students make sense of the world around them. Attempt to explain why things in the natural world work the way they do. Students will work with microscopes, build models, and practice teamwork in classroom and lab activities.
Units include: Covid 19, cells and their parts, cell reproduction and cancer, genetics, gene technology, and evolution.

Biology Honors **2340**
Grade 9 *1 credit*

Honors Biology covers the same topics as Biology, but in more depth, at a faster pace, and is designed to be a pre-Advanced Placement course. Some topics are covered at an Advanced Placement Biology level.
Units include: Covid 19, biochemistry, cells, cell reproduction and cancer, genetics, gene technology, and evolution.

Advanced Placement Biology **2350**
Grades 11, 12 *1.5 credit*
(To be taken concurrently with* Advanced Placement *Biology Lab 2352)
Prerequisite: Biology-2320 or Biology Honors-2340 and Chemistry-2460 or Chemistry Honors-2415

A second-year biology course designed to build on the principles developed in the first year course. Material is presented at a level equivalent to an introductory college course. Sophisticated laboratory work will be combined with many of the latest concepts in biological science.. This course will meet everyday semester 1 and every other day semester 2 to earn 1.5 credits. **All students enrolled in this course must take the Advanced Placement exam. Advanced Placement exam fees apply.**

Advanced Placement Environmental Science **2131**
1 credit
Grades 10, 11, 12
Prerequisite: Completion of first year Biology, 2320 or 2340 and Chemistry, 2460 or 2415 courses.

Advanced Placement Environmental Science is a one-year lab-based science course that provides students with the scientific principles, concepts and methodologies required to understand the interrelationships of the natural world, to identify and analyze environmental problems both natural and man-made, to evaluate the relative risks associated with these problems, and to examine alternative solutions for resolving environmental issues. Students will spend a great deal of time outdoors and in lab. There are also several field trips associated with this course**. All students enrolled in this course must take the Advanced Placement exam. Advanced Placement exam fees apply.**

Chemistry **2460**
Grade 10 *1 credit*
Prerequisites: Biology-2320

This course covers major chemical themes in the setting of authentic problem solving and decision making. The study of chemistry, placed in the context of real-world examples, becomes relevant and meaningful, especially for students who do not plan on a science-oriented college major. Algebra-level mathematic skills are required. **Material fees apply**.

Chemistry Honors **2415**
Grades 10 *1 credit*
Prerequisite: Science – Completion of two semesters of Biology 2320/2340 Math – Completion of Algebra 1-3233

An experimental approach to chemistry. Students use the data collected by experimentation to develop an understanding of the principles of chemistry. Recommended for students who are intending to major in engineering, medicine or a science at a college or university OR students who intend to take AP Chemistry. **Material Fees apply**.

Advanced Placement Chemistry **2405**
Grades 11, 12 *1.5 credit*
(To be taken concurrently with AP Chemistry Lab 2406)
Prerequisite: Biology-2320 or Biology Honors-2340 and Chemistry Honors-2415 or consent of instructor

This is a second-year chemistry course with further application of principles learned in first-year chemistry and refinement of laboratory skills. The text is selected from those what are currently used in introductory college chemistry. This course will meet everyday semester 1 and every other day semester 2 to earn 1.5 credits**. All students enrolled in this course must take the AP exam. AP exam fees apply. Material fees apply.**

Physics **2530**
Grades 10, 11, 12 *1 credit*

This course is an exploration of the ideas of motion, forces, energy, momentum, electricity, thermodynamics, sound and light. This is a basic physics course for students not intending to major in science or engineering but who are interested in investigating the wonders of the world around them. This is a conceptual physics course that uses math to support the content.

Advanced Placement Physics 1: Algebra-Based **2540** *1 credit*

Grades 11, 12

Prerequisite: Completion of first year Biology-2320 or Biology Honors-2340 and Chemistry Honors-2415 or consent of instructor

This course offers a selection of physics topics in mechanics with an emphasis on developing a deep conceptual understanding of challenging problems supported with algebra. **All students enrolled in this course must take the AP exam. AP exam fees apply. Material fees Apply.**

Advanced Placement Physics C: Mechanics **2552** *1 credit*

Grades 11, 12 (10 with consent of instructor)

Prerequisite: Advanced Placement Precalculus-3410 or Precalculus-3422

This course offers a selection of topics in mechanics with a strong emphasis on solving challenging problems mathematically, some of which require calculus, while also developing a deep understanding of concepts. **All students enrolled in this course must take the AP exam. AP exam fees apply.**

Physics of the Universe **2351**

Grades 10, 11, 12 *.5 credit*

What is the earth's place in the universe? Students investigate the earth's motion through space, and the evolution of stars, galaxies and the universe. They also look at the formation of the solar system, objects in the solar system and space exploration. Concepts and the methods of science are stressed.

Anatomy and Physiology: Musculoskeletal and Neurology Honors **2205** *.5 credit*

Grades 10, 11, 12

Prerequisite: Successful completion of Biology-2320 or Biology Honors-2340

Anatomy and Physiology – Musculoskeletal and Neurology is a dual enrollment course that allows students to earn both Nicolet credit and transferable college credit through UW-Milwaukee for BIO 202. The course is an advanced biology course designed to expose students to the form and function of the human body with an emphasis on structures, interactions and cellular components. Extensive use and knowledge of vocabulary, including medical terminology, is emphasized throughout the course. The course is designed for students interested in health science fields focusing on the anatomy and functions of the integumentary, musculoskeletal and nervous systems. Laboratory component includes anatomical and physiological studies using microscopy, modeling and experimentation. There is NO fetal pig dissection for this course. **Please reference the chart on page 10 for costs associated with dual enrollment.**

Anatomy and Physiology: Internal Organ Systems **2210** *.5 credit*

Grades 10, 11, 12

Prerequisite: Completion of Biology-2320 or Biology Honors-2340

Anatomy and Physiology - Internal Organ Systems is an advanced biology course designed to expose students to the form and function of the human body with an emphasis on structures, interactions and cellular components. Extensive use and knowledge of vocabulary, including medical terminology, is emphasized throughout the course. Students interested in the health sciences will focus on the anatomy and functions of many internal organ systems of the body: Cardiovascular, Respiratory, Digestive, Urinary, and Immune systems. Additionally a histological study of tissues involved in the organ systems will be covered. Laboratory component includes anatomical and physiological studies using microscopy, modeling and experimentation. **A required fetal pig dissection will help guide students through the organ systems.**

Environmental Science and Outdoor Pursuits **2120** *1 credit*

Grades 10, 11, 12

Prerequisite: Successful completion of Biology-2320 or Biology Honors-2340

Environmental Education and Outdoor Pursuits is a course designed to expose student to an interdisciplinary approach to our planet in terms of how it functions and how we can use it for health benefits. Topics such as air, water, ecosystems and farming will be infused with activities such as hiking, snowshoeing, archery, biking and other outdoor activities. The course is designed for students interested in the outdoors and who want to learn more about the science of our planet as well as the benefits of physical activity on the body and mind. Much of our time will be spent outside, in all types of weather and exploring our river and land surrounding it. Students should be prepared to be active on a daily basis.

Principles of Biotechnology **2215**

Grades 10, 11, 12 *.5 credit*

Prerequisite: Biology-2320 or Biology Honors-2340

Students will investigate the biotechnology that has changed our daily life through products that have brought about qualitative improvement in health and food production. The basic principles underlying biotechnological processes and some applications are highlighted, performed and discussed in this portion of the course.

Botany **2201**
Grades 10, 11, 12 *.5 credit*
Sophomores can enroll if concurrently enrolled in a yearlong science course

This semester-long high school botany course provides students with a comprehensive introduction to the study of plants, their structure, functions, and importance in our world. Through hands-on laboratory experiments, fieldwork, and interactive projects, students will explore plant anatomy, physiology, ecology, and classification.

Zoology **2202**
Grades 10, 11, 12 *.5 credit*
Sophomores can enroll if concurrently enrolled in a yearlong science course

This elective course introduces students to the study of animals, focusing on their diversity, anatomy, behavior, ecology, and evolution. It emphasizes scientific inquiry, critical thinking, and real-world applications, preparing students for advanced biological studies and fostering an appreciation for Earth's biodiversity.

Additional Electives
(Does not count toward 3 credit science requirement)

STEM Research Honors **2905**
Semester 1 *.5 credit*
Grades 9, 10, 11, 12 (may be taken 4 years)
Prerequisite: Consent of Instructor
**Does not count toward science graduation requirements. Elective only*

The STEM Research course challenges students to complete original and self-directed research in any area of math, science, engineering, or computer science. Students generate a research outcome/question, conduct a literature review, collaborate with content-area experts, develop a hypothesis, collect and analyze data, present their research at the local Nicolet Science and Engineering Fair (typically the last Saturday in February) and prepare for the state and/or international competitions. Students may work with a mentor at school, from industry or a research institution to complete their research.
This course is scheduled during the school day with time provided in class to complete the research project.

Independent Study: **2909**
STEM Research Honors *.5 credit*
Semester 1
Grades 10, 11, and/or 12 (may be taken 3 years)
Prerequisite: Consent of instructor

This course has the same expectations and outcomes as STEM Research Honors 2905 course. All the research is completed independently by the student outside of the school day with teacher guidance provided during enrichment times or after-school appointments.

SOCIAL STUDIES

The Social Studies Department is committed to the following educational goals for the students of Nicolet High School.

1. Enlightened democratic citizenship in order to participate effectively in local, state, national and international affairs.
2. Appreciation and understanding of the fundamental documents and ideals of our American heritage and a respect for and knowledge of the diverse contributions to our national heritage.
3. Comprehensive knowledge of global history.
4. Responsible stewardship of geographic, economic, and human resources through an understanding of their various relationships.
5. Acquisition of knowledge and skills related to the several subject that study the motives, actions and consequences of human beings as they live individually and interdependently.

The democratic character is valued in this nation and therefore students are encouraged to develop:

1. A quality of open-mindedness that is reflected in respect for another point of view, passion for truth and respect for facts.
2. Sensitivity to various differences including those surrounding race, religion, gender, ability and ethnicity.
3. The ability to make personal choices characterized by thoughtfulness, courage, integrity and honor.

Criteria for placement in Global History, United States History and Economics include achievement in social studies reading vocabulary and writing skills level, as measured by a variety of instruments. Previous grade reports and teacher recommendations are frequently sought.

Social Studies Requirements and Options
The list indicated requirement and electives available to students. Students are required to take one year of Global History, one year of United States History and one semester of Economics and United States Government.

Freshmen (Required)
Global History - 4130
Global History Honors - 4128

Sophomores (Required)
United States Government - 4515

Juniors (Required)
United States History - 4320
Advanced Placement United States History - 4309

Seniors (Required)
Economics - 4545 one semester course
Advanced Placement Economics - 4543 full year course

Electives
- AP European History (10, 11, 12) - 4509
- AP Psychology (11, 12)-4526
- Psychology (11, 12) - 4525
- Sociology (10, 11, 12) - 4520
- AP United States Government (11, 12) - 4138
- Leadership for Social Justice (10, 11, 12) - 4530
- United States Presidential Elections (10, 11, 12) - 4140

Global History (Required in Grade 9)
The purpose of the Global History requirement is to ensure that all Nicolet students become familiar with the history and geography of the world and to develop skills necessary for future academic success. These skills include library reference skills, reading, writing and listening. Enrollment in Global History or Global History Honors is required for all freshmen.

Global History 4130
Grade 9 *1 credit*

Global History is a freshman level course designed to introduce students to many different disciplines within the social sciences using a historical framework. While students travel through time historically, they analyze historical events, people and places using the tools of sociologists, geographers, political scientists and economists. For example, when studying Africa, students look at the manner in which geography has impacted many of Africa's modern problems; when studying the Middle East, students analyze the manner in which both religion and religious conflict have shaped the region.

Global History Honors 4128
Grade 9 *1 credit*

Global History Honors is a freshman course designed to introduce students to many different disciplines within the social sciences using a historical framework. While students travel through time historically, they analyze historical events, people and places using the tools of sociologists, geographers, political scientists and economists. The focus is on historiography, and study of how one's view of history is impacted by bias, access to primary source material, geography, time period and economics. Students in this course must be ready to read texts analytically, discuss their analysis and follow up discussion in writing. Global History Honors is the history course recommended as preparation for AP American History and AP European History.

United States Government **4515**
Grade 10 *.5 credit*

United States Government is a class designed to acquaint students with the origins, concepts, organizations and policies of the United States government and political system. This class begins with the study of the basis on which the American government was created, including the Declaration of Independence and the Constitution. From there, students will focus on constitutional issues, focusing on issues that are highlighted in the news. There will be a focus on National, State and local governments.

United States History **4320**
Grade 11 *1 credit*

The course is designed for the college-bound student who is above the eleventh grade reading level and has a good command of the elements of written expression. Emphasis is placed on the development of such skills as critical reading, essay writing on tests and library research.

Advanced Placement United States History 4309
Grade 11 *1 credit*

This course is designed for the college-bound student who is significantly above the eleventh grade reading level and has mastered the elements of written expression. Emphasis is place on the development of such skills as critical reading, writing of essay answers on tests and library research. Preparation for the Advanced Placement exam in American History is part of the course. All students enrolled in the course must take the Advanced Placement Exam. **AP Exam fees apply.**

Economics **4545**
Grade 12 *.5 credit*

This semester long course is designed for students in their senior year of academic study. Students will use their 12th grade level reading, writing and analytical skills to study the discipline of economics and apply the "economic way of thinking" to historic and current events. Some examples of how economic theory and principles can be found in the world around us include topics such as the global economy, the environment, the government budget/debt, the cost/benefit of attending college and key aspect of personal finance, to name a few. This course will help prepare student to successfully navigate the world beyond high school

Advanced Placement Microeconomics and Macroeconomics **4543**
1 credit
Grade 12

Students study micro and macro Economics at the college level in this year long course. Micro and Macro Economic theory is mastered along with its application to historical and current events. Topics such as the environment, globalization, health care and economies in transition (China, India and Russia) are among the current events studied. Previous experience with honors level course work in other areas of study is highly recommended. *This course completes the three year Social Studies requirement. Students may not drop or add this course at semester; it is a year-long commitment.* All students enrolled in this course must take the AP Micro and Micro Economics exams. **AP Exam fees apply.**

Advanced Placement European History **4509**
Grades 10, 11, 12 *1 credit*

This year-long Advanced Placement course in European history builds upon knowledge and skills successfully gained in one of the required full year courses. The three themes are intellectual and cultural history, political and diplomatic history, and social and economic history. This course is designed for college bound students who not only enjoy history, but read, write, analyze and research above the 12th grade level. AP test preparation is a component of this course. Successful completion of Global History Honors is strongly recommended. A summer reading/writing assignment due the first week of school is required of all students. All students enrolled must take the Advanced Placement exam. **AP exam fees apply.**

Psychology **4525**
Grades 11, 12 *.5 credit*

Psychology is the study of behavior and mental processes. Through reading, lab experience, film, class discussion and shared experience, this class seeks to pass along some of the knowledge gained in this study. Three broad objectives from the foundation of this course: first, to provide an introduction to the terms and concepts psychologists use; second, to illuminate the special fascination of the topics that draw people to psychology; and third, to explain the significance of psychological findings for the student's own life.

Advanced Placement Psychology **4526**
Grades 11, 12 *1 credit*

This full year Advanced Placement course provides students the opportunity to investigate, analyze and apply psychological facts, principles and phenomena. This course will focus on the systematic study of behavior and mental processes in the field of psychology, and students should be prepared to take this course at the college level. Students will study psychological facts, principles and phenomena as they appear in the different subfields of psychology, as well as the research methods and ethics involved in the scientific study of psychology**. All students enrolled in this course must take the AP exam. AP exam fees apply.**

United States Presidential Elections **4140**
Grades 10, 11, 12 *.5 credit*

Every four years all eyes focus on our nation's capitol as we decide who will be the next president of the United States. Will it be a Democrat? Will it be a Republican? Will the next president be from a third party? This class critically examines the presidential election process of the 20th century. In addition, the course closely monitors the Presidential election by means of hands on work, speakers, video, debates and a school wide mock election. Areas covered are: tracing the nomination process, distinguishing between the popular vote and the electoral vote, identifying the many factors that influence the election process and evaluating the qualifications of potential candidates. **This course is offered every 4 years and will be offered in 2028-2029.**

Sociology **4520**
Grades 10, 11, 12 *.5 credit*

Sociology is about people – how they act, react and interact both in their everyday lives and under extraordinary circumstances. It is about their thoughts, feelings and ideas. Sociology is about the contexts – groups, neighborhoods, cities, even whole societies in which these thoughts, feelings, and ideas are formed. Sociology is about social life itself. On a personal level, sociology enables us to move beyond established ways of thinking, thus allowing us to gain new insight into ourselves and to develop a greater awareness of the connection between our own world and that of others. Some, but not all, of the topics studied in this course include the following: What is culture, specifically, American culture? How are we socialized to become the person we are, is it nature or nurture? What role does the media play in shaping our identity as an individual and as a society? How do socioeconomic class, race and gender affect our society?

Advanced Placement United States Government and Politics **4138**
5 credit
Grades 11, 12

This one semester Advanced Placement Course provides an analytical perspective on government and politics in the United States. It involves both the study of general concepts used to interpret United States politics and the analysis of specific case studies. It also requires familiarity with the various institutions, groups, beliefs and ideas that constitute United States political reality. It focuses on the Constitutional underpinnings of United State Government, political beliefs and behaviors, political parties, interest groups, mass media, institutions of national government, civil rights and civil liberties. **All students enrolled in this course must take the AP exam. AP exam fees apply.**

Leadership for Social Justice **4530**
Grades 10, 11, 12 *.5 credit*

The Leadership for Social Justice Course is designed to cultivate life-long leaders for social justice. Throughout the course, students will review historical events and develop a global perspective through a social justice lens and nurture a passion for one or more issues they hope to address by examining different means for making change. By the end of the course, students will have designed and implemented their own action plan to address a social injustice. Students are encouraged to gain confidence as leaders for social justice and are supported to take a stand for change. Students are strongly encouraged to get involved with other opportunities with social justice work outside of the class.

THEATRE- Performing Arts

Studying theatre is not just for the student who aspires to Broadway. Theatre is for everyone, from the most timid to the most outgoing! Anyone who wants to discover or stretch their creativity can benefit from a theatre class. Theatre develops many life skills such as:

- Communication
- Problem solving
- Commitment
- Self-Motivation
- Cooperation
- Time Management
- Respect
- Confidence
- Independence

Sign up for a theatre class and see how your life changes!

Acting **9208**
Grades 9, 10, 11, 12 *.5 credit*

Acting 1 covers the basic acting concepts, through physical, vocal and cognitive exercises, reading, and scene preparation. This course is for the acting novice as well as the avid actor. Students are encouraged to a new level of confidence.

Theatre Appreciation **9216**
Grades 9, 10, 11, 12 *.5 credit*

This is not a performance-based class. In order to appreciate theatre, students will engage in activities that require them to work in and present in groups. Areas of study include: onstage, backstage and theater history.

Advanced Scene Study **9205**
Grades 10, 11, 12 *.5 credit*
Prerequisite: Acting-9208

This course is for the serious acting student. Students will extend the basic knowledge they have acquired of acting from the Acting 1 class. First semester students will prepare a One Act play for competition in the Wisconsin State High School Theater Festival and a public performance. Second semester students will prepare a One Act play to be performed for the public. Students must be motivated to create on a high artistic level.

Technical Theatre 1 **9207**
Grades 9, 10, 11, 12 *.5 credit*

This class is 50% in your seat and 50% on your feet. Students will study the backstage skills necessary for the production of a play. Projects will take the students from design to implementation of all backstage theatrical elements.

Technical Theatre 2 **9210**
Grades 9, 10, 11, 12 *.5 credit*
Prerequisite: Technical Theatre 1-9207

Technical Theatre 2 extends the backstage skills necessary for the production of a play that is acquired in Technical Theatre 1. Second year students take a more active leadership role in the class.

WELLNESS

The mission of the Wellness Department is to empower students with the skills and knowledge necessary to sustain lifelong physical activity in order to develop a foundation for a healthy, productive, and fulfilling lifestyle.

Vision and Values
The Nicolet Wellness Department focuses on building meaningful relationships, fostering personal excellence, and developing a passion for life-long learning in pursuing health and physical literacy for all students.
We are committed to:

- Rigorous, relevant and diverse curriculum that meets the interests and needs of all students
- Student-centered learning that focuses on the process vs. the product of their educational experiences
- Promote lifetime personal health and wellness
- Inclusion of all students and appreciative of the diversity our students offer
- Teach students cooperation, responsibility, management skills, and self-discipline
- Fostering strong relationships with students
- Physical literacy and skills-based health curriculum
- Developing a passion for lifelong overall wellness

REQUIREMENTS PARTICIPATION POLICY

Per DPI, all students are required to take three semesters of physical education over a minimum of 3 years. Every effort will be made to find an alternative activity that each student is physically capable of participating in. Any excuse from physical education in excess of 3 days must have a doctor's verification.

All students are required to make up absences to receive full credit. This can be accomplished during Resource. In case of illness/injury, a specially designed program will be created to accommodate each student.

All students must have a school-issued combination lock and a heart rate strap. **Material fees apply**.

Personal Wellness **5001**
Grade 9 *.5 credit*

In physical education, activities pertaining to health and skill-related fitness will be the primary focus. The daily use of heart rate monitors will provide feedback necessary to determine cardiac output and intensity level. Our goal is to provide our students with an introduction to our 10th – 12th course offerings.

Health **5000**
Grade 9 *.5 credit*

The 9th Grade Health Education course is designed to provide practical health knowledge that will allow students to make positive lifestyle choices and informed decisions. This knowledge will guide student's decision-making that will result in a better quality of life both now and in future pursuits. This class focuses on real-to-date issues and challenges students to think critically and learn to be independent thinkers. Students will practice a curriculum that focuses on skills-based health activities and practical situations and decision-making.
Tentative Topics: Personal Health & Wellness, Emotional & Mental Wellness, Bullying, Suicide & Depression, Stress, Communicable/Non-Communicable Diseases, Human Growth & Development & Healthy Relationships, Sexually Transmitted Diseases, AIDS & HIV, Shaken Baby Syndrome, Nutrition & Weight Management, Alcohol, Tobacco & Other Drugs, CPR/First Aid

10th – 12th Grade Course Offerings

Team Activities **5040**
Grades 10, 11, 12 *.5 credit*
Repeatable

Students will participate in a variety of team sports with continued development of overall fitness. The following activities in this class include but are not limited to: football, soccer, ultimate Frisbee, team handball, floor hockey, eclipse ball, kickball, wiffle ball, softball, basketball, volleyball, fitness and water sports. Each unit will give instruction on skill, rules, strategy and relevant fitness concepts.

Lifeguard Training **5042**
Grades 10, 11, 12 *.5 credit*
Prerequisite: A swim test is required

This semester course provides an opportunity for Red Cross Certification in First Aid, CPR, Automatic External Defibrillator (AED) and lifeguarding. Participants must be 15 years old and pass a Red Cross swim test in order to qualify as a candidate for this course. Swim test dates will be held prior to the end of second semester. **Seventy percent of class time will be spent in the water. Material fees apply**.

Lifetime Activities **5011**
Grades 10, 11, 12 *.5 credit*
Repeatable

Lifetime Activities will consist of activities that students can continue throughout their lives, either individually, or with a partner/small group. Units in this course may include, but are not limited to Yoga, Pilates, Zumba, Dance, Step Aerobics, Taebo, Kickboxing, Water Aerobics, Spikeball, Golf, Pickleball, Badminton, Cross Country Skiing, Yard Games, Fitness Walking, etc.

Environmental Science and Outdoor Pursuits **5120**
1 credit
Grades 10, 11, 12*
Prerequisite: Successful completion of Biology 2320 or Biology Honors 2340

Environmental Education and Outdoor Pursuits is a course designed to expose students to an interdisciplinary approach to our planet in terms of how it functions and how we can use it for health benefits. Topics such as air, water, ecosystems and farming will be infused with activities such as biking, snowshoeing, cross country skiing, kayaking, snorkeling, hiking and other outdoor activities. The course is designed for students interested in the outdoors and who want to learn more about the science of our planet as well as the benefits of physical activity on the body and mind. Much of our time will be spent outdoors, all year, in all types of weather, exploring our river and land surrounding it.

Water Sports **5061**
Grades 10, 11, 12 *.5 credit*
Prerequisite: Must be deep water safe
Repeatable

This course provides an opportunity for the student to become proficient in skills necessary for a lifetime of enjoyment: swimming for health and fitness, water polo, underwater hockey, snorkeling (with an introduction to scuba), canoeing and basic water rescue. This course is in the water 80 to 90% of its class days.

Competitive Sports **5055**
Grades 11, 12
Repeatable *.5 credit*

Competitive Sports is a class that provides the opportunity for students to participate in highly competitive games and tournaments throughout the semester. Course activities include but are not limited to: Flag Football, Speedball, Softball, Team Handball, Basketball, Volleyball, Floor Hockey and Badminton. *Credit for Physical Education graduation requirements available with prior departmental approval.*

Fit for Life **5050**
Grades 10, 11, 12 *.5 credit*
Repeatable

This course is designed for students to be active in a non-competitive environment with exposure to a variety of fitness activities. Students will learn the knowledge and skills to be responsible for their own personal fitness and how to lead a healthy, active lifestyle.
Students will analyze their individual fitness needs, set goals, and work towards those goals in the areas of cardiovascular endurance, muscular strength and endurance, flexibility, and body composition. Students will also focus on at least 2 of the 6 Skill-Related Fitness components: Speed, Power, Agility, Balance, Coordination, and Reaction time. Students will write an individual fitness plan and carry out their individual fitness plans. Students will have the flexibility to build in activity based skills practice, if the space and facility allows it.
Possible class activities may include but not limited to: walking, jogging, running, biking, cardio room, weight lifting, kettlebells, body weight exercises, TRX, yoga, body balls, bosu balls, foam rollers, speed and agility drills, kickboxing, exercise videos and Zumba.

Officiating **5010**
Grades 11, 12 *.5 credit*
Prerequisite: Any Foundational Course
Repeatable

This class will help students break into the exciting field of sports officiating. Within the lens of an official, students will learn and apply the rules of the game in addition to proper positioning on the field/court in order to make an accurate call. We will also work to improve students' "soft skills" and strategies to manage difficult situations and effectively communicate with players, coaches, fans, and many other issues faced by officials. The class involves both dedicated study of the rules and active participation in order to learn/apply the skills necessary to be successful in this field. Through simulated game activities officials will gain experience on how to make and report calls during a contest and participate in the fun and fitness that accompanies this experience. At the end of this course, students will become a registered/licensed official by our state's governing body of WIAA. **Material fees apply**.

Strength and Conditioning **5025**
Grades 10, 11, 12 *.5 credit*
Repeatable
Strength and Conditioning is a dual enrollment course that allows students to take the class for both Nicolet credit and ***college credit*** *through UW Oshkosh.*

Strength Training and Agility is a course that will focus on developing muscular strength, athletic performance. The major focus will be strength training. A specific program will be followed in order to make gains in a variety of core areas. On non-lifting days, there will be an emphasis on speed and agility to help develop faster acceleration, top speed, agility and plyometrics. This course is designed for students who have a desire to work hard on a daily basis to reach their performance goals. **Please reference the chart on page 10 for costs associated with dual enrollment.**

Yoga and Pilates **5021**
Grades 10, 11, 12 *.5 credit*
Repeatable

Yoga and Pilates offers students a holistic approach to physical and mental well-being through the practice of these two popular mind-body disciplines. This dynamic course introduces students to the fundamental principles of Yoga and Pilates, emphasizing the development of flexibility, strength, and mindfulness. Through a combination of asanas (postures), breathing exercised, and mediation techniques, students will cultivate self-awareness, stress management skills, and a deeper connection between mind and body. The Pilates component focuses on core strength, stability, and overall

body conditioning through controlled movements. With an emphasis on proper alignment and technique, this course is designed to empower students with lifelong tools for maintaining a healthy and balanced lifestyle, promoting both physical and mental resilience.

Elective Courses (Not for PE Credit)

Introduction to Sports Medicine **5054**
Grades 10, 11, 12 *.5 credit*
Prerequisite: Anatomy and Physiology: Internal Organ Systems - 2210 OR Anatomy and Physiology: Musculoskeletal and Neurology Honors – 2205

This is an elective course option for students who are interested in the sports medicine field. This course is designed to explore a variety of sports medicine careers which include athletic training, strength and conditioning, kinesiology, and further medical pursuits. This course is designed to be an introductory model for those who are interested in the field of sports medicine.

Specially Designed Courses

Specially Designed Physical Education **7501**
Grades 9, 10, 11, 12 *.5-1 credit*

A course for students who require a specially designed physical education program due to physical fitness and motor skills impairment. Students will receive specially designed instruction in the following units of study: physical fitness, individual and team activities, swimming, weight training recreational games, and lifetime fitness

Specially Designed Health **7505**
Grades 9, 10, 11, 12 *.5 credit*

This is the Specially Designed Health course offered for students with specific learning needs and this course offers a more individualized instruction. This course satisfies the freshman health requirement.

WORLD LANGUAGES

The World Languages Department advises that students beginning their study of a world language understand that daily preparation and oral participation are essential to building a strong foundation for success in the course and for advancement to the next level. The foundational skills and cultural contents are taught via art, music, podcasts, poems, short reading selections, novels, textbooks and videos.

In order to continue to the next level, it is recommended that the student have a "C" average and the recommendation of the teacher.

In view of variation in language requirements among colleges and in order to achieve mastery of the language, students are advised to study world language in longer sequences of the same language, rather than in short sequences of several languages and to continue language until they enter college.

Students who complete a four-year sequence of high school language study may be eligible to receive the Seal of Biliteracy awarded by the Wisconsin Department of Public Instruction. See more information under the section on Seal of Biliteracy as well as the Global Scholars Credential requirements and eligibility on page 14.

Students who complete a four-year sequence of high school language study culminating with the honors level are prepared for further study in the most demanding programs. Students can expect to receive retroactive college credit from those colleges and universities which grant such credit (up to 14 college credits). After successful completion of a placement test and one additional semester of language study in college, students may be awarded retroactive college credits.

College Credit in High School (CCIHS) is also available for students who successfully complete Spanish 5 Honors, Spanish 6 Honors, French 5 Honors or German 5 Honors through an agreement Nicolet has with UW-Green Bay. Students who successfully complete Hebrew 5 Honors as part of the Early College Credit Program (ECCP) with UW Milwaukee will receive college credits. See Page 10 for further details. Students completing the AP course in French, German, or Spanish will also receive college credits upon successful completion of the AP Exam in that language in any colleges or universities that recognize AP Exam credits (up to 14 college credits).

Freshmen may be placed in Level 2 via successful study at the middle school by demonstrating mastery of an articulated common assessment and having proven to consistently perform across all World Language competencies (reading, writing, listening, speaking) at the Novice-Mid level. This placement will also be corroborated by middle-school teacher recommendation. This placement will allow the student to complete a 4-year sequence of study with the French, Hebrew, German or Spanish 5 Honors class, giving them the opportunity to earn college credit while still in high school.

For Spanish: Freshmen may be placed in Level 3 via successful study at the middle school by demonstrating mastery of an articulated common assessment and having proven to consistently perform across all World Language competencies (reading, writing, listening, speaking) at the Novice-High level. This placement will also be corroborated by middle-school teacher recommendation. A placement at this level will allow the student to complete a 4-year sequence of study with the Spanish 6 Honors / Spanish 6AP class, giving them the opportunity to earn college credit while still in high school, and/or the opportunity to earn AP credits.

All world language courses are full year courses. Students enrolled in a language course should remain in the course for the full year except in the case of first semester failure.

Travel

Students in French, German Hebrew and Spanish may have the opportunity to travel abroad and may live with a family from the host culture. Trips occur biannually and are offered to students enrolled in advanced-language courses.

Seal of Biliteracy

The Wisconsin Seal of Biliteracy (SBL) is awarded by the Department of Public Instruction to graduating seniors who have demonstrated proficiency in English and one or more languages at an Intermediate High proficiency level. Students need to demonstrate language and cultural competencies as assessed by the ACT English Section (students need a score of 18 or more), the AP Exam in German, Spanish, French with a score of at least 4, or a proficiency of Intermediate High on the AVANT Stamp Language Proficiency Test. Alternative assessments will be available for those languages not taught or assessed at Nicolet.

World Cultures (taught in English) **6100**
Grades 10, 11, 12 *.5 credit*

Students will investigate what culture is by examining the seven elements of culture and discover their personal culture and identity and draw parallels between other cultures around the world. Student will explore how cultures around the world impact societies and beliefs and engage in project based learning including but not limited to international current events and creation of an ideal country and its impact on the world.

French 1 **6210**
Grades 9, 10, 11, 12 *1 credit*

An introduction to the French language with emphasis on listening, speaking, reading and writing at a novice level. Students are introduced to the ways of living, customs and manners of expression of France and of the French

speaking world. Students work with authentic sources such as songs, infographics, maps and other short texts. Class conducted in French and English.

French 2 **6220**
Grades 9, 10, 11, 12 *1 credit*

Comprehension of listening, reading, speaking and writing French at an intermediate level are developed. French-speaking cultures are further explored using thematic units, music and authentic texts. Class conducted mostly in French. Students are expected to start using French in class.

French 3 **6237**
Grades 10, 11, 12 *1 credit*
Prerequisite: French 2-6220

Presents French-speaking culture via the study of thematic units. Continued development of intermediate skills in reading, and writing with emphasis on speaking and listening. Review of verb tenses. More complex tenses taught. Class conducted in French.

French 4 **6241**
Grades 11, 12 *1 credit*
Prerequisite: French 3-6237

Continued study of cultures of French speaking countries through art, music, history and literature with the reading of *Le Petit Prince*. New grammar and grammar review. Series of short compositions and presentations in French are required. Class conducted in French.

French 5 Honors **6251**
Grades 11, 12 *1 credit*
Prerequisite: French 4-6241

Emphasis on higher language skills: news article analyses, reading of the novel Le Petit Nicolas as well as other authentic texts, comprehension of audio of French radio, TV broadcasts and podcasts. Intensive grammar review. Continued development of reading, writing, speaking and comprehension skills. Longer compositions and presentations in French. Weekly class discussions on current events from the French-Speaking world. Class conducted in French. This class can be taken for dual enrollment with the University of Wisconsin - Green Bay. **Please reference the chart on page 10 for costs associated with dual enrollment.**

Advanced Placement French Language and Culture **6254**
1 credit
Grades 11, 12
Prerequisite: French 4-6241

Emphasis on higher language skills: news articles, poetry analysis, reading of the novel Le Petit Nicolas as well as other authentic texts, comprehension of audio of French radio, TV broadcasts and podcasts. Intensive grammar review. Continued development of reading, writing, speaking and comprehension skills. Longer compositions and presentations in French. Weekly class discussions on current events from the French-speaking world. Students will also prepare for the French AP Language and Culture Exam. Class conducted in French. **All students enrolled in this course must take the AP exam. AP exam fees apply.**

German 1 **6310**
Grades 9, 10, 11, 12 *1 credit*

An introduction to the German language and culture with emphasis on speaking, reading, writing and listening at an elementary level. Students work with authentic sources such as songs, film, poems and other short texts.

German 2 **6320**
Grades 9, 10, 11, 12 *1 credit*

Reading, writing, listening and speaking skills are developed at an intermediate level. German culture is further explored using music, authentic texts and the video series Treffpunkt Berlin.

German 3 **6339**
Grades 10, 11, 12 *1 credit*
Prerequisite: German 2-6320

Presents a view of German-speaking countries as seen through literature and culture. Emphasis on speaking and continued development of reading, writing and listening skills. Grammar is reviewed and new grammar introduced. Class conducted in German.

German 4 **6345**
Grades 11, 12 *1 credit*
Prerequisite: German 3-6339

This is the first part of a two year curriculum, which culminates in the German Advanced Placement Exam. Students are exposed to the different AP Themes and learn to work with authentic written, audio and audiovisual texts. This includes films and poetry, novels and short stories of selected German authors as well as statistics and non-literary texts. Advanced grammatical structures are learned and used. Emphasis on speaking, reading and writing and students are exposed to AP style tasks. Class conducted in German.

German 5 Honors **6357**
Grades 11, 12 *1 credit*
Prerequisite: German 4-6345

Emphasis on higher level language skills: analysis of literature, reading of novels, short stories and plays. Intensive grammar review. Continued development of reading, writing, speaking and comprehension skills. Class conducted in German. This class can be taken for dual enrollment with the University of Wisconsin - Green Bay. **Material fees apply. Please reference the chart on page 10 for costs associated with dual enrollment.**

Advanced Placement German Language and Culture **6354**
1 credit
Grades 11, 12
Prerequisite: German 4-6345

This is the second part of a two year curriculum, which culminates in the German Advanced Placement exam. Students are exposed to the different AP themes and learn to work with authentic written, audio and audiovisual texts. This includes films and poetry, novels and short stories of selected German authors as well as statistics and non-literary texts. Advanced grammatical structures are learned and used. Emphasis on speaking, reading and writing and students are exposed to AP style tasks. Class conducted in German. A summer project involving either reading or on-line work is required. **All students enrolled in this course must take the AP exam. AP exam fees apply. Material fees apply.**

Hebrew 1 **6410**
Grades 9, 10, 11, 12 *1 credit*

Introduction of the Hebrew language with an emphasis on listening, speaking, reading and writing. Hebrew alphabet is introduced, both print and cursive. Introduction to life and culture in Israel. No previous knowledge is necessary for this course.

Hebrew 2 **6420**
Grades 9, 10, 11, 12 *1 credit*
Prerequisite: Hebrew 1-6410

Continuation of Hebrew 1 with an emphasis on improving and expanding skills introduced in the first year. Continued study of Israeli life and culture. Class conducted in both Hebrew and English. Students are expected to express themselves in Hebrew.

Hebrew 3 **6430**
Grades 9, 10, 11, 12 *1 credit*
Prerequisite: Hebrew 2-6420

The study of grammatical structures continues along with improvement of reading and writing skills. Introduction to Hebrew literature through songs, short stories and videos. Oral activities include practical demonstrations and geography of the Middle East.

Hebrew 4 Honors **6447**
Grades 10, 11, 12 *1 credit*
Prerequisite: Hebrew 3-6430

Emphasis is placed on higher language skills with a more advanced level of grammar introduced. Continued development of reading, writing, listening and speaking skills with the addition of literature and videos. Class conducted in Hebrew. An in-depth study of cities and regions in Israel is also included. 4 college credits articulated with UW Milwaukee. **Please reference the chart on page 10 for costs associated with dual enrollment.**

Hebrew 5 Honors **6453**
Grades 10, 11, 12 *1 credit*
Prerequisite: Hebrew 4-6447

Emphasis on higher language skills. Reading and analysis of videos, poetry, short stories and other literary selections. Grammar reviewed. A discussion of the impact of the Holocaust on Israeli literature and film is also included. 4 college credits articulated with UW Milwaukee. **Please reference the chart on page 10 for costs associated with dual enrollment.**

Spanish 1 **6710**
Grades 9, 10, 11, 12 *1 credit*

Incoming freshmen may be placed in Spanish 1 if they have not successfully passed the articulated assessments from one of Nicolet's partner schools. An introduction to the Spanish language with emphasis and development of reading, writing, listening and speaking skills at a novice level. An understanding of ways of living, customs, contributions and manners of expression. Students enrolled in this class are not expected to have any recognized Spanish competency upon enrollment, but are expected to progress to ACTFL's Novice Mid competencies across all levels of communication (reading, writing, listening, speaking).

Spanish 2 **6727**
Grades 9, 10, 11, 12 *1 credit*

Continued development of language skills with a thematic approach to speaking strategies. Study of daily life and culture of the Spanish-speaking world through a video program. Students enrolled in this class are expected to consistently communicate at ACTFL's Novice Mid competencies upon enrollment, and are furthermore expected to progress to ACTFL's Novice High competencies across all levels of communication (reading, writing, listening, speaking).

Spanish 3 **6737**
Grades 9, 10, 11, 12 *1 credit*
Prerequisite: Spanish 2-6727

Focus on vocabulary building through synonyms and communication based on specific cultural and thematic settings. New grammar and grammar review. Culture is studied through viewing of an authentic video program. Students listen to and produce commercials in Spanish and study Hispanic customs, music and the arts. Students enrolled in this class are expected to consistently communicate at ACTFL's Novice High competencies upon enrollment, and are furthermore expected to progress to ACTFL's Intermediate Low competencies across all levels of communication (reading, writing, listening, speaking).

Spanish 4 **6747**
Grades 10, 11, 12 *1 credit*
Prerequisite: Spanish 3-6737

The course emphasizes conversational skills, grammar and structure review, reading and writing. The students watch an authentic video program. Students also read cultural/historical articles in preparation for an in-depth study of several Latin American countries. Students enrolled in this class are expected to consistently communicate at ACTFL's Intermediate Low competencies upon enrollment, and are furthermore expected to progress to ACTFL's Intermediate Mid competencies across all levels of communication (reading, writing, listening, speaking).

Spanish 5 Honors **6752**
Grades 11, 12 *1 credit*
Prerequisite: Spanish 4-6745

Continued emphasis on conversational skills. Class discussions on thematic topics. Writing short themes and diaries, reading and interpretation of short stories, two novels, and poems. Culture and language is studied by viewing an authentic video series. Students enrolled in this class are expected to consistently communicate at ACTFL's Intermediate Mid competencies upon enrollment, and are furthermore expected to progress to ACTFL's Intermediate High competencies across all levels of communication (reading, writing, listening, speaking). Option to take this course through UW – Green Bay (Spanish 202) and earn 14 college credits upon successful completion. **Please reference the chart on page 10 for costs associated with dual enrollment.**

Spanish 6 Honors **6753**
Grades 12 *1 credit*
Prerequisite: Spanish 5 Honors-6752

Emphasis on higher language skills and literature. Reading analysis and interpretation of poetry, short stories, plays and novels. Comprehension of audio from Spanish radio, TV broadcasts, and podcasts. Study of contemporary issues of the Spanish-speaking world. Spring performance of Sevillanas. Culture and language is studied by viewing an authentic video series. Continued development of reading, writing, translation, speaking and comprehension skills with a concentration on conversation and composition, in accordance with the CCIHS agreement with the University of Wisconsin-Green Bay. Students enrolled in this class are expected to consistently communicate at ACTFL's Intermediate High competencies upon enrollment, and are furthermore expected to progress to ACTFL's Advanced Low competencies across all levels of communication (reading, writing, listening, speaking). Option to take this course through UW – Green Bay (Spanish 225) and earn an additional 3 college credits (past the 14 previously earned upon successful completion of Spanish 5 Honors). **Please reference the chart on page 10 for costs associated with dual enrollment.**

Advanced Placement Spanish Language and Culture **6754**
Grades 12 *1 credit*
Prerequisite: Spanish 5 Honors-6752

Emphasis on higher language skills and literature. Reading analysis and interpretation of poetry, short stories, plays and novels. Comprehension of audio from Spanish radio and TV broadcasts and podcasts. Study of contemporary issues of the Hispanic world. Spring performance of Sevillanas. Culture and language is studied by continuing to view season 2 of El internado, a video series. Students enrolled in this class are expected to consistently communicate at ACTFL's Intermediate High competencies upon enrollment, and are furthermore expected to progress to ACTFL's Advanced Low competencies across all levels of communication (reading, writing, listening, speaking). Continued development of reading, writing, translation, speaking and comprehension skills with concentration on Advanced Placement preparation**. Students must take the Spanish Language and Culture AP Exam at the end of the second semester. Students may take the Spanish AP Literature and Culture Exam. AP exam fees apply**.

Fee Appendix on following pages

Anticipated Fees to be approved May 2026

Material fees by Course (listed alphabetically by department) Required if you take these courses:

Department	Course	Description	Fee
Art	9135	Art Metal & Jewelry	$25.00
Art	9120	Ceramics & Sculpture	$25.00
Art	9111	Draw/Design 1	$25.00
Art	9115	Draw/Design 2	$25.00
Art	9160	Painting	$25.00
Art	9193	AP 2D Art & Design Exam	$99.00
Art	9193	AP 2D Art & Design Materials	$25.00
Art	9194	AP 3D Art & Design Exam	$99.00
Art	9194	AP 3D Art & Design Materials	$25.00
Art	9195	AP Drawing Exam	$99.00
Art	9195	AP Drawing Materials	$25.00
English	1520	AP Language & Comp	$99.00
English	1525	AP Literature & Comp	$99.00
English	1530	AP Seminar	$99.00
Culinary	8411	Culinary Arts 1	$25.00
Culinary	8421	Culinary Arts 2	$25.00
Math	3619	AP Calculus AB	$99.00
Math	3610	AP Calculus BC	$99.00
Math	3621	AP Comp Science A	$99.00
Math	3630	AP Statistics	$99.00
Music	9475	AP Music Theory	$99.00
Music	9483	Beginning Electric Piano (materials)	$20.00
Music	9486	Chamber Orchestra Instrument Rental Fee	$50.00
Music	9484	Intermediate Electric Piano (materials)	$20.00
Music	9442	Philharmonia Orchestra Instrument Rental Fee	$50.00
Music	9440	Sinfonia Orchestra Instrument Rental Fee	$50.00
Photography	9181	Photography 1	$15.00
Photography	9182	Photography 2	$25.00
Photography	9183	Photography 3	$25.00
Photography	9184	Photojournalism	$15.00
Photography	9145	Digital Illustration	$15.00

Department	Course	Description	Fee
Science	2350	AP Biology	$99.00
Science	2405	AP Chemistry	$99.00
Science	2131	AP Environmental	$99.00
Science	2540	AP Physics 1	$99.00
Science	2552	AP Physics C	$99.00
Science	2460	Chemistry - goggles	$6.00
Social Studies	4543	AP Economics	$198.00
Social Studies	4509	AP European History	$99.00
Social Studies	4526	AP Psychology	$99.00
Social Studies	4138	AP U.S. Gov & Politics	$99.00
Social Studies	4309	AP U.S. History	$99.00
Tech Ed	8760	Architectural Design	$25.00
Tech Ed	8761	Film & Television 1	$25.00
Tech Ed	8762	Film & Television 2	$25.00
Tech Ed	8763	Nicolet Film & TV Prod	$25.00
Tech Ed	8771	Interactive Graphics	$25.00
Tech Ed	8772	Production Graphics	$25.00
Tech Ed	8776	Capstone: Graphics Focus	$25.00
Tech Ed	8781	Intro to Technology & Engineering	$25.00
Tech Ed	8782	Engineering Design & Problem Solving	$25.00
Tech Ed	8783	Engineering & Robotics	$25.00
Tech Ed	8787	Capstone Engineering & Robotics Focus	$25.00
Tech Ed	8791	Fabrication: Woods 1	$25.00
Tech Ed	8792	Fabrication: Woods 2	$25.00
Tech Ed	8793	Fabrication: Metals 1	$25.00
Tech Ed	8794	Fabrication: Metals 2	$25.00
Tech Ed	8796	Capstone: Fabrication Focus	$25.00
Wellness	5042	Life Guard	$100.00
Wellness	5010	Officiating	$10.00
Wellness	5001	Heart Strap	$21.00
World Lang	6254	AP French 5 – AP Exam	$99.00
World Lang	6354	AP German 5–AP Exam	$99.00
World Lang	6754	AP Spanish 5 – AP Exam	$99.00

Student Fees – Required at Registration

Freshman:

- Registration Fees $90.00

Sophomore:

- Registration Fees $90.00

Juniors:

- Registration Fees $90.00

Seniors:

- Registration Fees $90.00

Other Possible Fees

- ACT Prep Program $50.00
- PSAT-Juniors $19.00
- Chromebook Charger Replacement $29.00
- Chromebook Replacement $499.00
- Chromebook Stylus $44.00
- Heart Monitor Strap Replacement $21.00
- ID Replacement $5.00
- Lock Replacement $7.00
- Pro Start $25.00
- Shield (Yearbook/Video Yearbook) Up to $80.00
- Student Parking $50.00/semester
- Student Parking - Daily $5.00
- Student Parking Citation $25.00/occurrence
- Athletics, F.E.A.R., Forensics Model UN, Theatre (actors):
  $85.00/per activity or $170 per student/year max

Parent Organization Fees:

- Booster Club $100.00
- MEPA $30.00
- NHS Foundation $25-$500
- Performing Arts Patron $25-$500
- PTSO $20.00

Field Trips

- will be paid for by students at time of trip Prices Vary

All NSF checks will be charged a $25 fee

NOTES