Nicolet High School

Academic and Career Planning Guide

2022-2023

LETTER TO STUDENTS and PARENTS

Dear Students/Parents:

The 2022-2023 *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

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Academic Success Center	351-7565
Alumni Association	351-7520
Athletics	351-8145
Attendance	351-7530
Business Office	351-8222
Student Services	351-7550
Data Processing	351-7579
District Administrator	351-7520
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Health/Nurse's Office	351-7574
Media Center/Library	351-8220
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 15th**. 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 a discussion 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 six (6) classes per semester.

Schedule Changes

Schedule changes are collaborations between the parent, student, teacher and counselor as to what is best for the student. Students may request changes to their next year's schedule until June 15th. Schedule changes made after June 15th 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.

Drop Only

If a student is enrolled in seven (7) 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 obtain a level change form and discuss the change with their counselor.
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)

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 students 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 $15.

Refunds of $15 and less will be held until the refund amount exceeds $15 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 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.

Appeals
A parent, legal guardian or an adult student may appeal a student's placement in writing. The placement is reviewed by the department coordinator and or the student's counselor prior to becoming effective.

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
Transfers classes and grades from other high schools are converted to the Nicolet credit system. Students transferring to Nicolet receive weighted credit for honors or accelerated coursework based on the course and level availability at Nicolet. Therefore, if a student transfers to Nicolet with an accelerated or honors level course that is 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 credits, however are counted toward meeting the 22.0 credit graduation requirement. 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.

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 22 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 weigh 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

Seventh and eighth grade students who enroll in an approved Nicolet High School math or world language course, taken prior to the end of the student's eighth grade year (7th or 8th grade), will have the course noted on the student's high school transcript and high school math or elective credit (to meet graduation requirements) will be awarded; however, the course grade(s) will not be noted on the high school transcript or calculated into the student's high school grade point average (GPA).

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	Accounting I	Milwaukee Area Technical College	3	Free
Business	Accounting II	Milwaukee Area Technical College	4	Free
Business	Introduction to Teaching	UW Milwaukee	3	$100/credit
Business	Financial Literacy	CAPP: UW-Oshkosh	3	$100/credit
Engineering, Technology & Design	Architectural Design	Milwaukee Area Technical College	2	Free
English	Communications (*Honors*)	CAPP: UW-Oshkosh	3	$100/credit
Family Consumer Sciences	Infant Toddler Development	Milwaukee Area Technical College	3	Free
Math	Calculus III	Please reference PIE: UW-Whitewater	4	$100/credit
Math	Introduction to College Calculus and Statistics	CEP: Cardinal Stritch	Calculus-4 Statistics-3	$133/credit
Math	Linear Algebra	PIE: UW-Whitewater	3	$100/credit
Photography	Photography 2	Milwaukee Area Technical College	3	Free
Science	Anatomy & Physiology: Musculoskeletal & Neurology	CEP: UW Milwaukee	4	$100/credit
World Language	Hebrew 4 & 5	CEP: UW Milwaukee	4	$100/credit
World Language	Spanish 5	T.C.: UW Green Bay	3	$100/credit

T.C. (Transcripted Credit) = Upon successful completion of their Nicolet course, students will receive credit for a college equivalent course that will be placed on a respective college and Nicolet transcript.

CAPP = The Cooperative Academic Partnership Program (CAPP) at the University of Wisconsin Oshkosh.

CEP = The Concurrent Enrollment Program (CEP) at UW Milwaukee and Cardinal Stritch University
(Students may choose to enroll in either Calculus or Statistics or both)

PIE = Partners in Education program (PIE) at the University of Whitewater.

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.

4.0 WEIGHTED GPA SCALE												
Level	**A+/A**	**A-**	**B+**	**B**	**B-**	**C+**	**C**	**C-**	**D+**	**D**	**D-**	**F**
Advanced Placement	**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 1
Physics C
Seminar
Spanish
Statistics
Studio Art – 3 Course Options: Drawing, 2D Design, 3D Design,
U.S. Government & Politics
U.S. 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.

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: therefore class rank is not included on transcripts sent to employers or universities. The highest GPAs will be used for the Wisconsin Academic Excellence Scholarship.

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 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

Peer Tutors
Nicolet has a variety of peer tutors that can be available before, during, and after school to provide on-demand, temporary, or extended support for other students.

Peer Mentors
Nicolet's peer mentors will provide event specific mentorship and can be available for on-demand, temporary, or extended mentorship if a student should need that support.

Study Halls, Guided Study, Freshman Study
Nicolet students have a variety of spaces where they can choose or be assigned to attend 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. Current spaces include B112 (adjacent to the cafeteria), F114, the Library, and the Testing Center; however, additional spaces could be utilized depending on student need.

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. Transitions include: Junior Knights, Freshman Orientation, Freshman Advisory, Freshman Study Hall, and Freshman Team.

The Nicolet Library
The Nicolet Library is open from 6:30am until 4:00pm Monday through Thursday and 6:30am until 3:00pm on Friday. Students may utilize the library for research and research instruction or receive other academic support from support staff or peer tutors. The library has an extensive collection of fiction and nonfiction materials. Research, ELibrary, JSTOR, SIRS and others. . *Click on this link to the Library webpage*, and scroll down to request specific help in a class or with a particular project

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 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 staff in understanding a student's cultural and familial 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 tea. 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) and Start College Now (SCN)

The ECCP and SCN are new programs that allows students to take a limited number of courses at a Wisconsin University or Technical College. Please see your counselor for details.

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

Student Aide Program **0100**

0 - .5 credits

Students who are interested in being of service to faculty department members may participate in this program. In general, the student helps with such things as delivering messages, collecting and stapling books and worksheets and other activities of a similar nature. Students must take 3.0 credits of regular academic course work each semester before they are allowed to earn credit as a student aide. A total of 1.0 elective credit can be earned toward graduation requirements for the entire four years of the student's career.

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:

- Four **(4) credits** in one **world language**.
- 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**.

COLLEGE AND CAREER COUNSELING

Introduction

College/Career counseling 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 Serviced Department follows the Wisconsin School Counseling Model.

Eighth Grade (Incoming Freshmen)

The high school counselors meet with the eighth grade students at the partner schools in January/February. The meeting introduces the course selection process and students receive a copy of the Academic and Career Planning Guide and Course Selection Forms.

The counselors also offer an evening workshop to explain and discuss course selection options with parents and students during spring semester.

Freshman Year

Counselors meet with all students early in the first semester to develop 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 are introduced to Xello through a career activity in health class that is designed to help students learn more about themselves and find occupations and colleges that may match their interests.

Sophomore Year

Career assessment programs are emphasized again during the sophomore year through the use of Xello. In March or April, parents and 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 the college planning steps are introduced using the Student Services Department website.

Junior/Senior Year

Follow-up during the junior year and in May with students and parents continue as needed in the junior and senior years. Counselors provide class updates in December to stress important college planning steps such as testing, college research and the use of Xello. Students are encouraged to set up individual meetings with their counselor for help with the college search process and post high school planning. The focus with seniors switches to finalizing post secondary plans and the college application process. This is done in September with seniors and in the spring with juniors.

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. The Testing Program provides necessary information used for student placement, college admission and vocational preparation. The program includes tests that are administered by the school to determine student ability and achievement. There are also tests which are referred to as external tests designed to determine achievement in a variety of academic areas. These test scores are standardized on a national basis and are used primarily for college admissions or for vocational placement.

External Tests

The external tests which students may take are as follows:

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

World Languages: Two years (2.0 credits) in same language is required at some UW institutions.

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

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 at UW Madison	3-4 credits (including AP)
Wellness Department	1.5 credits	1.5 credits	1.5 credits	1.5 credits
Health	.5 credit	.5 credit	.5 credit	.5 credit
Computers	.5 credit	Computer proficiency recommended	Will count toward academic preparation	Computer proficiency recommended
Fine Arts & Career Education	2 credits (total)	Recommended	Will count toward academic preparation	1 or more credits recommended
Electives	4.5 credits	Academic electives	4 academic electives from above areas	Academic electives recommended
Total	22 credits	16-17 academic credits	17 or more academic credits	18-20 academic credits

FOUR YEAR PLANNING GUIDE

Nicolet Graduation Requirements

- 22 Total Credits
- 2.0 Credits overall in Fine Arts and Career Education
- Successful completion of the following subject and credit requirements

Grade 9

Course	Credit
Required:	
☐ English 9	1.0
☐ Mathematics	1.0
☐ Biology	1.0
☐ Global History	1.0
☐ Personal Wellness Health	0.5
☐ Personal Wellness PE	0.5
Electives:	
☐ _____	____
☐ _____	____
☐ _____	____

Grade 10

Course	Credit
Required:	
☐ English 10	1.0
☐ Mathematics	1.0
☐ Chemistry	1.0
☐ U.S. Government	0.5
☐ PE Elective	0.5
☐ Personal Finance (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
☐ U.S. History	1.0
☐ PE Elective	0.5
☐ Personal Finance (or Grade 10)	0.5
Electives:	
☐ _____	____
☐ _____	____
☐ _____	____
☐ _____	____
☐ _____	____

Grade 12

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

2.0 credits are required overall with a minimum of 0.5 credits in both Fine Arts (Art, Music, Photography or Theatre and Career Education (Business, Internship, Family and Consumer Science or Engineering, Technology and Design)

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

New Course Offerings for 2022-2023

QR Code	Link to Video	Course Title	Teacher	Course Description for New Courses with No VIdeo Submitted
	https://drive.google.com/file/d/1Sgj7IH83dtGQZgu9iljAWLFQ2WbjX8Mh/view?usp=sharing	Computer Programming with Java	Weidner	
	https://drive.google.com/file/d/1amq67UbYBmc1UcisQ8KYTytR2S-pwTCg/view?usp=sharing	Video Game Studies	Medved	
	https://drive.google.com/file/d/1J4r4T2pqCF4DAltEwKqfLll1OmQAF74_/view?usp=sharing	Introduction to Teaching	Moore/Wathen	
	https://drive.google.com/file/d/1LZwN8zfOhuojAcol03ArHXlqhZlbV3q7/view?usp=sharing	Officiating	Spence	
	https://drive.google.com/file/d/1bjZs0hL1rCT9loxmrn5V45VumbxoSY2F/view?usp=sharing	Voice Lab	Schumann	

		Consumer Auto & Home Maintenance	Thiel	In this practical course you will learn 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 purchases of your life.
		Construction	Thiel	Students will become familiar with the different types of construction, the diverse roles, stages, and processes of a construction project. Students will develop an awareness of safety regulations, safety inspection, construction documents and their uses. Students will develop a working understanding of skills around carpentry, plumbing, electrical, roofing, and more!
		Computer Aided Design AutoCAD	Dicks	Intro to AutoCAD teaches fundamental Mechanical and Architectural drafting/drawing skills. AutoCAD gives students the opportunity to develop course skills and concepts through Activity, Project, and Problem based (APPB) learning. APPB learning challenges students to continually hone their interpersonal skills - Creative abilities, and understanding of the graphic language. AutoCAD has several major units in engineering drawing with projects like, Stadium Design, 3D Animal Puzzle Design, Chair Design and more. Students will be introduced to AutoCAD, Solidworks and Revit CAD programs.

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

	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.
	Careers in designing, planning, managing, building and maintaining the built environment.
	Designing, producing, exhibiting, performing, writing, and publishing multimedia content including visual and performing arts and design, journalism, and entertainment services.
	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.
	Planning, managing and providing education and training services, and related learning support services.
	Planning, services for financial and investment planning, banking, insurance, and business financial management.
	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 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 & Physy – 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
Chem & Material Science
Statistics
Eng and Robotics 1-4
Environmental Science
Environmental Science & Outdoor Pursuits
Fabrication 1-4
Financial Literacy
Internship
Fabrication Capstone
Fabrication Incubator
Intro Colg Calc & Stats
Psychology
Intro to Healthcare Careers
Medical Terminology
Physics & Engineering
Sociology
World Languages
Global Scholars
Eng & Robotic Capstone
Eng & Robotic Incubator

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:

Environmental Club
STEM Club
Athletics
Community Service Club
FEAR (Robotics)
Nicolet Outdoor Adventure Club

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
Pre-Calculus	Engineering & Robotics 1-4	Environmental Science	AP Physics
Digital Art	Consumer Economics	AP Environmental Science	World Languages
Yearbook	Digital Video & Broadcasting 1-4	Physics & Engineering	Business Management
AP Economics	Graphics 1-4	Statistics	Financial Literacy
Multimedia Design	Architectural Design	AP Statistics	Microsoft Certification 1 & 2
Fabrication 1-4	Chemistry & Material Science	AP Calculus	Intro to College Calc & Stats
Global Scholars	Fabrication Capstone	Eng & Robotic Capstone	Graphics Capstone
Fabrication Incubator	Eng & Robotic Incubator	Certify Me	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:

Community Service Club
Stage Crew
STEM Club
Environmental Club
FEAR (Robotics)
Science and Engineering Fair
Yearbook
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
Digital Video & Broadcasting 1-4	Worlds of Music	Jazz Combo	Computer Programming 2
Digital Art	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

Arts, A/V Technology & Communications

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
Open Mic/Spoken Word Club
Yearbook
Thespian Society
Stage Crew
Fall/Spring Play
Anime Club
Nicolet Independent Theatre Troupe

***B**usiness 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	Intro 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	Millionaire Club
Student Council	National Business Honor Society	World Language Honor Societies

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 Guidance
Statistics	Visual Arts
World Literature	Performing Arts
Modern Literature	AP Literature & Composition
Graphics 1-4	Graphics Capstone & Incubator
Digital Video & Broadcasting 1-4	Dig Video & Broadcasting Capstone
Certify Me	Dig Video & Broadcasting Incubator

**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
Star Tutors
Yearbook
Community Service Club
Athletics
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	Consumer Economics	AP Statistics	Multimedia Design
Business Management	AP Micro & Macro Economics	Graphics	AP Calculus
Microsoft Certification 1 & 2	Psychology	World Languages	Careers and Employment Skills
Financial Literacy	Statistics	Internship	Global Scholars
Marketing Strategy	AP Psychology	Pre Calculus	Quantitative Reasoning

Career Options

Finance

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

Related Co-Curricular, Student Organizations & Activities:

FED Challenge
National Business Honor Society
Student Council
Forensics
Millionaires Club
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 Presidential Elections and the Current Election
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
Community Service Club
Best Buddies
Student Council
World Language Clubs
Debate Team
Nicolet Forensics Team
Environmental Club
Gay/Straight Alliance
Model UN
Mock Trial
National Business Honor Society
Fed Challenge
PAT (Principal's Advisory Team)
World Language Honor Societies

Health Science

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

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

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

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

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.

Related Co-Curricular, Student Organizations & Activities:

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

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
Digital Video & Broadcasting 1-4
Digital Vid & Broadcast Capstone

Career Options

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

Hospitality & Tourism

Related Co-Curricular, Student Organizations & Activities:

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

Human Services

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

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

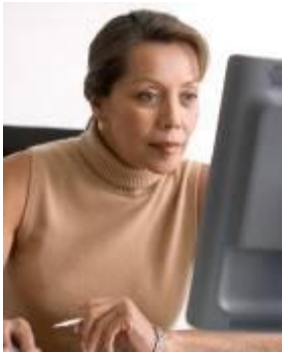
Academic Foundations, Communications, Problem Solving & Critical Thinking, Information Technology Applications, Systems, Safety-Health-Environmental, Leadership & Teamwork, Ethics & Legal Responsibilities, Employability & Career Development, Technical Skills

Related Co-Curricular, Student Organizations & Activities:

Athletics
Multicultural Club
Gay Straight Alliance
STEM
Kindness Krew
World Language Clubs
Yoga and Mindfulness Club
Community Service Club
Best Buddies
FED Challenge
Asian/Pacific Islander Club
World Language Honor Societies
Star Tutors
Environmental Club
Student Council
Science and Engineering Fair
Volunteer Club

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 Art

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 Art
3D Modeling
Digital Video & Broadcasting 1-4
Dig Video & Broadcast Capstone

Music
Fabrication
Photography 1, 2, 3
Engineering & Robotics
Statistics
Graphics Capstone
Digital Video & Broadcasting Incubator

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
Nicolet Knights E Sports
Yearbook

Law, Public Safety, Corrections & Security

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	Star Tutors	Multicultural Club
Debate	Community Service Club	Gay/Straight Alliance
Nicolet Outdoor Adventure Club	Science Fair	National History Day Club
STEM Club	Mock Trial	

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	Engineering & Robotics 1-4	Statistics	World Languages
Physics	AP Physics	AP Statistics	AP Economics
Architectural Design	Advanced Robotics	Environmental Science	AP Calculus AB
Physics and Engineering	Chemistry	AP Environmental Science	AP Calculus BC
Pre Calculus	AP Chemistry	Internship	Global Scholars
Digital Video & Broadcasting 1-4	Chemistry & Material Science	Fabrication 1-4	Graphics 1-4
Certify Me	Fabrication Capstone	Eng & Robotics Capstone	Graphics Capstone
	Fabrication Incubator	Eng & Robotics Incubator	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)
Environmental Club
Science and Engineering Fair
STEM Club

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
Digital Video & Broadcasting
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 Art
Photography 1, 2, 3
Statistics
AP Statistics
World Languages
Digital Video & Broadcasting 1-4
Dig Video & Broadcasting Incubator
Computer Programming
AP Computer Science
AP Economics
AP US Government & Politics
Communication
Graphics Capstone
Quantitative Reasoning

Career Options

Marketing Sales & Services

FROM HIGH SCHOOL

On-the-job training and/or minimal experience

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

CAREERS WITH CERTIFICATION/ASSOCIATE DEGREE

Community college, technical college, apprenticeship, experience

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

BACHELORS, Pre-PROFESSIONAL or HIGHER DEGREE

Colleges/Universities

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

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
Bad as Blue

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
Physics & Engineering	AP Biology Calculus 3	Architectural Design	Linear Algebra
Chemistry & Material Science	AP Calculus AB	Independent STEM Research	Extended Learning Opportunity
World Languages	AP Calculus BC	AP Computer Science	Science & Engineering Fair
Graphics 1-4	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
Astronomer
Civil Engineer
Geologist
Mechanical Engineer
Nuclear Engineer
Statistician
Anthropologist
Biomedical Engineer
Computer Engineer
Industrial Engineer
Metallurgist
Physicist
Archaeologist
Chemical Engineer
Electrical Engineer
Mathematician
Mining Engineer
Solar Engineer

Related Co-Curricular, Student Organizations & Activities:

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

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:

Environmental Club
Science and Engineering Fair
STEM Club
Astronomy Club

ART

The basic objectives include:

1. To increase students' awareness of and sensitivity to their environment and develop methods or 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	X	X	**R**	X
Ceramics	X	**R**	X	X
Drawing & Design 1	**R**	X	X	X
Drawing & Design 2	**R**	X	X	X
Digital Art		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

R = Recommended Sequence

Freshmen
Drawing & Design 1
Drawing & Design 2

Sophomores
Ceramics
Painting

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

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

Drawing & 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 & Design 2 — 9115

Grades 9, 10, 11, 12 — *.5 credit*
Prerequisite: Drawing & Design 1

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 Art — 9145

Grades 10, 11, 12 — *.5 credit*
Prerequisite: Drawing & Design 1 or consent of instructor

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 *.5 credit*

Prerequisite: Drawing 1 & 2, or consent of instructor

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*

Prerequisite: Drawing & Design 1 is strongly recommended

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.**

Art Metal and Jewelry 9135

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

Prerequisite: Drawing & Design 1 is strongly recommended

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.**

Advanced Placement Drawing 9195

Grades 11, 12 *1 credit*

Recommended Prerequisites: Drawing & Design 1 and 2, Painting or consent of the 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

1 credit

Grades 11, 12

Recommended Prerequisites: Drawing & Design 1 and 2, Digital Art and/or Photography courses, Interactive Graphics courses or consent of the 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 art, 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, Ceramics and/or Art Metal 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.**

BUSINESS DEPARTMENT

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:
Accounting 1		Yes	Yes	Yes	**Accounting 1 is a dual enrollment course that allows students to take the class for both Nicolet credit and **college credit** through MATC*
Accounting 2		Yes	Yes	Yes	**Accounting 2 is a dual enrollment course that allows students to take the class for both Nicolet credit and **college credit** through MATC*
Accounting 3			Yes	Yes	
Entrepreneurship		Yes	Yes	Yes	
Careers & Employment Skills			Yes	Yes	
Introduction to Business	Yes	Yes	Yes	Yes	
Financial Literacy (Honors)		Yes	Yes	Yes	**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***
Intro to Health Careers		Yes	Yes	Yes	
Marketing Strategy		Yes	Yes	Yes	
Medical Terminology		Yes	Yes	Yes	
Microsoft® Certification 1	Yes	Yes	Yes	Yes	**Certifications 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*
Microsoft® Certification 2		Yes	Yes	Yes	**Certifications in place include **MOS (Access, Excel, Word, PowerPoint), MTA (Networking and Security), and CompTIA A+ (Hardware and Software)*** ***Students may also earn **college credits***
Internship 1, 2, 3, 4			Yes	Yes	
Financial Literacy			Yes		
Sports and Entertainment Marketing		Yes	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.

Accounting 1 — 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. Nicolet has a partnership with the Green Bay Packers and Milwaukee Bucks and each year student's travel to visit with the Packers or Bucks Finance Department and tour the facilities.

Accounting 2 — 8162

Grades 10, 11, 12 — *.5 credit*

Prerequisite: Accounting 1

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

Accounting 2 is a semester long course in which the students will build upon the basic accounting skills that were developed in Accounting 1. Accounting II 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.

Accounting 3 — 8163

Grades, 11, 12 — *.5 credit*

Prerequisite: Accounting 2

In Accounting 3, students will build upon the basic accounting skills that were developed in Accounting 1 and 2. Accounting 3 will focus on corporations rather than proprietorship or 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.

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 & Employment Skills — 8130

Grades 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. Earn an industry OSHA safety certification. Your preparation now will help you obtain a GOOD job in the future.

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.

Financial Literacy — 8002

Grade 10, 11 — *.5 credit*

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, 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

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

Think you're ready for the future? Take the Financial Literacy "Am I Savvy?" Quiz at www.amisavvy.com to see if this course is necessary for you. If it is, you'll pursue Financial Literacy Certification while mastering survival skills imperative for a successful financial life. Filing Taxes, Budget Process (Gross Income, Net Income, Expenses, Discretionary Spending), Investing (Stocks, Mutual Funds, ETF's, Options), Credit and Debt (Controlling your credit and Monitoring against Fraud), Online Banking (Bank Reconciliation), Insurance (Vehicle, Health, Property, etc.), Vehicles (New, Lease, Used, Negotiation Process), Apartment Rental (Terminology 101, Understanding Contracts), Purchasing a Home (PITI) & more! In addition, Nicolet has partnered with Kohl's and Junior Achievement and each year students participate in Finance Park, which will simulate a real-life scenario and put each student's financial survival skills to the test. **Please reference the chart on page 10 for costs associated with dual enrollment.**

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

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.

Introduction to Healthcare Career **8320**
Grades 10, 11, 12 *.5 credit*

This course is for students interested in working in any healthcare setting. The course is designed as an introduction to healthcare careers. The focus will be on investigating healthcare careers, their systems, safety standards and the workforce opportunities. Students will examine professionalism, interpersonal and written communication skills and confidentiality as they relate to customer service in healthcare careers. Guest speakers and professionals within various healthcare fields will provide information on current trends, requirements and how to pursue a career in a healthcare field.

Medical Terminology **8310**
Grades 10, 11, 12 *.5 credit*

This course is for students interested in a career in any health science field. The course focuses on instruction of medical terminology including the component parts of medical terms: prefixes, suffixes and word roots. You will practice formation, analysis and reconstruction of terms. This course's emphasis is on spelling, definition and pronunciation. It provides an introduction to operative, diagnostics, therapeutic and symptomatic terminology of all body systems, as well as systemic and surgical terminology. Health Careers or Anatomy and Physiology course completion or concurrent enrollment is suggested.

Microsoft® Certification 1 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*

Earn college credits accepted at 1,000+ colleges/universities nationwide by becoming Microsoft Certified. **Microsoft Office Specialist (MOS)** certification helps validate proficiency in using Microsoft Office and meets the demand for the most up-to-date skills on the latest Microsoft Technologies. Candidates who pass a certification exam show that they can meet globally recognized performance standards. Earning a MOS certification will help you differentiate yourself in today's competitive job market; broaden your employment opportunities by displaying your advanced skills, resulting in higher earning potential. The course will focus on certification in Access, Excel, Outlook, PowerPoint and/or Word. Students taking this course may also pursue **Microsoft Technology Associate (MTA)** certification in Networking and/or Security and **CompTIA A+** certification which focuses on installing, maintaining, customizing and operating personal computers.

Microsoft Certification 2 8142

Grades 10, 11, 12 *.5 credit*

Prerequisite: Microsoft Certification1

Certifications 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 is a continuation of Microsoft Certification 1 with additional focus on Microsoft Technology Associate (MTA) certification and CompTIA A+ certification. MTA is an introductory Microsoft certification for individuals considering a career in technology, whereas the CompTIA A+ is similar in manner with a focus on building (Hardware) and operating (Software) computers. There are hands-on elements in both aspects of these certifications. Earning an MTA certification helps prove your knowledge of fundamental technology concepts and can help you launch a successful career in technology. CompTIA A+ certification is held by over 1 million IT professionals worldwide, CompTIA A+ is the most essential IT certification for establishing an IT career. If you're new to the IT industry, this will put your best foot forward. Upon enrolling in this course, a student will have a choice to continue one of several MOS certification tracks, one of two MTA certification tracks (Networking or Security) or the option to pursue A+ certification.

Internship 1, 2, 3, 4 8211

Grades 11, 12 **8212**

.5 credit each **8213**

8214

The Nicolet Internship program provides students with occupational experience to positively impact the communities' future workforce. The program is designed around a course sequence that provides student an opportunity to begin preparing for a career while still in high school. Students are evaluated by their employers on attitude, quality of work, problem-solving skills, ability to work well with others, dependability and appearance. Each student is required to meet bi-weekly in a small group seminar. Students discuss employment experiences and learn about methods for successful job performance, job evaluations, problem solving, human relations, stress and time management, change and image **Nicolet Internships are operated under guidelines established by the State of Wisconsin Department of Public Instruction (DPI).**

Internship 1: Students will focus on employable skills as it relates to their current internship.

Internship 2: Students will explore the ideology of lifelong learning, the need to build a professional network and relate their experiences to current events in today's job market

Internship 3: Students will create an individualized action plan to support their career interest as it relates to their learning and investigation into the world of work.

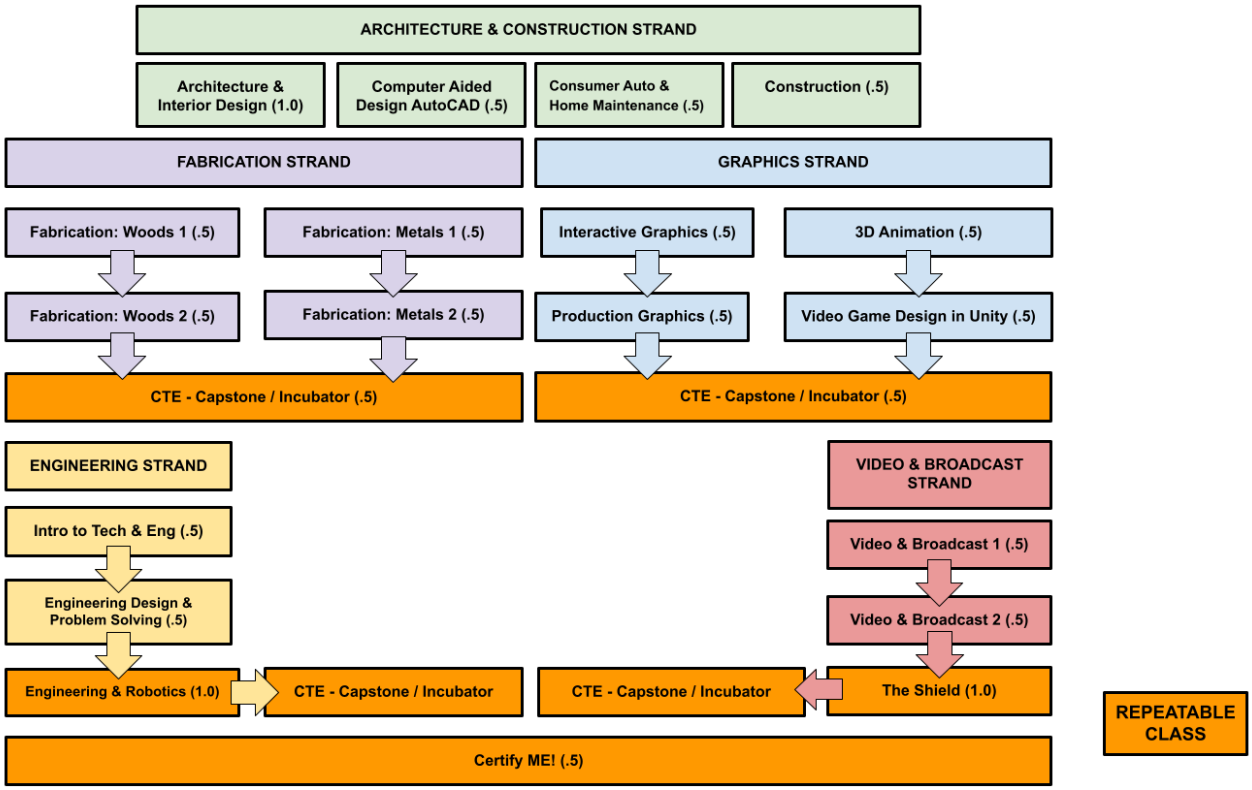
Internship 4: Students will continue their individualized action plan to support their career interest as it relates to their learning and investigation into the world of work

ENGINEERING, TECHNOLOGY & DESIGN

Nicolet High School has a strong tradition in Engineering, Technology & 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 & 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 & 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.

(PLEASE USE THIS VIDEO FOR LINK: https://youtu.be/falmlosmcVo



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.

Incubator:
After 2 credits of work within a strand, students qualify for Incubator. Incubator is a semester or year long experience where students will work to develop their brand or ideas into a startup. Students will pitch their ideas to their instructors and then work toward creating their products as well as business plan. Students will present their work to a panel of local entrepreneurs, business owners and investors at the end of the course.

Digital Video & Broadcasting 1 & 2 **8761**
Grades 9, 10, 11, 12 **8762**
.5 credit

Welcome to Knight Vision Network and Knight Vision Studios. While students are here they will explore every aspect of the filmmaking and broadcast process from script/story development to the production of their own short films. Students will utilize a complete digital broadcast studio, shoot on location, hold casting calls, create special effects to enhance their films and stream live events/broadcasts. When the filming is complete, students will edit, work on visual effects, polish the sound, color correct and prepare the film for viewing on the big screen. In addition, students will learn production budgeting, lighting, scheduling, project management as well as general career development skills in communication, personal finance, presentation, film history and marketing productions. **Material fees apply**.

The Shield **8763**
Grades 10, 11, 12 *1.0 credit*
Prerequisite; Video 1 & 2
Repeatable 2 times

The Shield class produces the school's YouTube channel, live streams and new productions. Class members are expected to produce, direct, capture, edit and contribute to others ideas. Students must be able to meet deadlines and work well with others.

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

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 & Problem Solving **8782**
Grades 9, 10, 11, 12 *.5 credit*
Prerequisite; Intro to Technology & Engineering

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 & Robotics **8783**
Grades 10, 11, 12 *1.0 credit*
Prerequisite; Engineering Design & Problem Solving
Repeatable 2 times

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.

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: Woods 1

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: Metals 1

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.

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

Interactive Graphics is just that! Screen printing textiles, CNC signage, 3D printing, large format prints, vinyl cutting and heat transfer graphics is just the beginning. Students will get exposure and experience in all aspects of Graphic design and production. Students will create works for web applications, advertising/marketing materials, all weather signage, technical manuals and much more. Students will work with a variety of software packages (Adobe CC Suite, Autodesk and more), print media, materials, production techniques and processes to produce professional quality products.

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

Take your Graphic creations to the next level by building on the skills developed in Interactive Graphics. Production Graphics will build on core concepts delivered in Interactive graphics but take them to the next level with large CNC signage, large format prints and wraps, hydro dipping and much more.

3D Animation **8773**
Grades 10, 11, 12 *.5 credit*

We can only imagine where the next generation of artists, designers, engineers and inventors will take 3D applications in the future, but we do know the boundaries are blurring between the arts and sciences, creating new connections that students will need the skills to integrate their ideas across various disciplines. 3D Animation is an introduction to the 3D world from concept, to model, to animation. Using Autodesk 3D applications gives students the opportunity to explore the connections between design and visual communication.

Video Game Design in Unity **8774**
Grades 10, 11, 12 *.5 credit*
Prerequisite; 3D Animation

Students who complete 3D animation have the opportunity to take their skills to another level by entering into the world of game design and development. Using the C# programming language, Unity game engine and fundamental game development concepts students will build multiple working projects from the ground up using assets provided in the Unity Asset Store.

Architectural & 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 AutoCAD **8756**
Grades 9, 10, 11, 12 *.5 credit*

Computer Aided Design AutoCAD teaches fundamental Mechanical and Architectural drafting/drawing. Computer Aided Design give students the opportunity to develop course skills and concepts through Activity, Project and Problem Based (APPB) learning. Students will be introduced to AutoCAD and by the end of the course may choose to gain a professional certification in the software as well as gain articulated credit through MATC.

Construction **8758**
Grades 9, 10, 11, 12 *.5 credit*

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.

Physics and Engineering **2520**
Science or Career Education *.5 credit*
Grades 11, 12
Prerequisite; Biology and Algebra 1
Taken as a year-long course consecutively with Chemistry and Material Science

Physics students learn basic physics concepts as well as practical science and engineering applications through several large inquiry projects. Physics concepts include

investigations in motion, forces, Newton's Laws, momentum, collisions, work, energy and simple machines. Small group projects typically include the design, construction and testing of parachutes, rockets, crash test vehicles and catapults. A focus on scientific communication requires students to design and execute controlled experiments and write scientific reports. **Material fees apply**.

Chemistry & Material Science **2420**
Grades 11, 12 *.5 credit*
Science or Career Education credit
Prerequisite; Biology and Algebra 1
Taken as a year-long course consecutively with Physics and Engineering

Chemistry and Material Science students learn introductory chemical concepts as well as practical science and engineering applications through several large inquiry projects. Numerous lab experiments are connected to engineering topics to enhance the classroom materials while providing "hands-on" experiences for the student. Units of study incorporate chemistry in the context of real-world examples such as: polymers, metals, crystallization and composites. **Material fees apply**.

Consumer Auto & 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.

Science and Engineering Fair **2909**
.5 credit **2905**

Students can participate in the Science and Engineering Fair by utilizing two pathways:

- Enroll in the Science and Engineering Seminar course (**2909)**
- Enroll in the Independent STEM Research Course **(2905)**

CTE – Capstone/Incubator **8766 - 8768**
Grades 11, 12 **8776 - 8778**
.5 - 1.0 credit **8786 - 8788**
8796 - 8798
Prerequisite: Previous CTE Coursework & Teacher Approval

CTE – Capstone/Incubator provides an opportunity for students to engage in high-level inquiry focusing on an area of specialization in a large project or in the starting of a business venture. Capstone projects will be inquiry and practice-centered and will draw upon areas of interest to the student and focus from the CTE department. All capstones aim to bridge theory and practice and are aimed to develop professional level products by the students. The aim of an Incubator is to facilitate the development of a small entrepreneurial venture in the form of a business start-up with the ultimate goal of selling a product. Students are encouraged to apply an extend knowledge gained from previous CTE courses and to partner with other students that have a variety of CTE skills to bring the product to market.

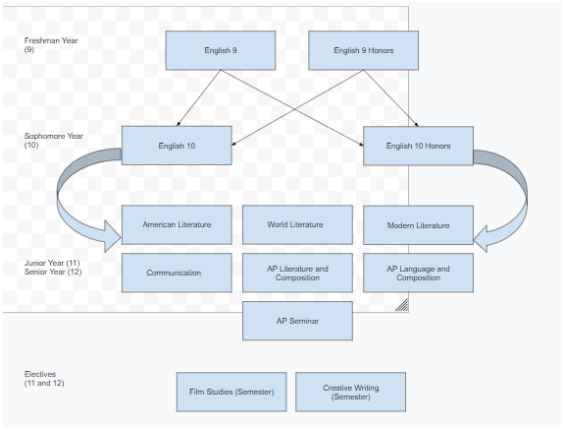
Certify Me! **8800**
Grades 10, 11, 12 *.5 credit*

Students who sign-up for this course are being offered the opportunity to gain an industry recognized professional certification. Credit for course completion requires ONE professional certification to be earned with a capstone project to be delivered using the skill gained from completing the certification.

Certification Entry	Specific Certification
Adobe	• Adobe Certified Associate (ACA) • Dreamweaver • Flash • Illustrator • InDesign • Photoshop • Premier Pro
AutoDesk Certified User	• Autodesk AutoCAD • Autodesk Inventor • Autodesk REVIT • Autodesk MAYA • Autodesk 3dsMax
Solidworks	• Certified SolidWorks Associate • Certified SolidWorks Professional
Mobile Games & App Design	• Microsoft Visual • Unity • Unreal 4 Engine

English

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)
English 9
Sophomore English (1 year)
English 10
Juniors and Seniors:
Juniors and Seniors have seven course options. Students will be required to take two full-year courses. 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 year-long courses:

Juniors and Seniors
American Literature
World Literature
Modern Literature
Communication
Advanced Placement Language and Composition
Advanced Placement Literature and Composition
Advanced Placement Seminar

The following elective classes are also available but do NOT count as English requirements toward graduation.

Additional Electives
Creative Writing (Semester class)
Film Studies (Semester class)

English 9 **1030**

1 credit

English 9 is 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 representing multiple genres – both excerpts and full-length texts – 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.

English 9 *(Honors)* **1009**

1 credit

English 9H is designed for the student who has advanced skill in literary analysis and 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 across genres for both aesthetic effect and the impact on texts created by author purpose, historical frameworks to analyze literature, then connect those frameworks to the student's experience and the larger global stage. 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. If enrolling in this class, students should be highly motivated to be independent learners, interested in the critical aspects of literature and writing and proficient in both paragraph/essay, structure and in reading complex texts(both fiction and nonfiction).

English 10 **1230**

1 credit

English 10 is designed to improve students' skills in composition, reading and communication. Students will study a variety of literature and informational texts. Students will read independently, in small groups and have class-wide experiences. 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.

English 10 *(Honors)* **1236**
1 credit

Students in English 10 Honors will continue to grow as readers, writers, and communicators in a scholarly community that prioritizes the love of reading and lifelong learning. Reading both canonical and choice texts, students will broaden their understanding of what a text means by examining it 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.

American Literature **1500**
Grades 11, 12 *1 credit*

American Literature provides ample and rigorous practice in the critical thinking and communications skills necessary for informed, ethical citizenship. Students will read texts representing a range of genres, historical eras and cultural perspectives. Reading, writing, speaking and listening will be organized into thematic units (such as Origins, Resistance and Revolution, and the American Dream) that focus on different aspects of the American experience. Readings will be used as mentor texts to help students make their own decisions about how to structure and craft their own writing. Students will develop the capacity to conduct research based off self-generated questions. They will also synthesize information from a variety of sources and genres to draw conclusions about themselves and their world.

World Literature **1510**
Grades 11, 12 *1 credit*

World Literature will explore texts from all parts of the world including Africa, China, India, South America and Europe. The course will introduce universal themes such as the Journey of the Hero, Man's Relationship to the Unknown, and how peoples of all times and cultures have survived and even thrived in the face of struggle. Using ancient and foundational texts such as Gilgamesh, Greek Drama and Beowulf, students will learn about the foundations of story. Students will be introduced to the medieval mind through Dante or Chaucer, read a play by Shakespeare, and move to the modern novels and graphic novels. By the end of this course, students will know and apply literary terms, identify and analyze the literary elements in a work, make and support assertions about text and make extensions to related ideas. Through class discussion, composition and speeches, students will analyze, interpret and evaluate what the written word can tell us about ourselves.

Modern Literature **1505**
Grades 11, 12 *1 credit*

In this year long course, students will read a variety of contemporary works of literature and nonfiction from different genres and modalities, noting where authors borrow and break from tradition and gradually build their own portfolio of writing based on these mentor texts. The workshop model is used throughout the course, and students will study both whole class texts and texts within book clubs. Genres of study could include academic essays, poetry, literary nonfiction, film shorts, and research-based argumentative writing.

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 Literature & Composition **1525**
1 credit
Grades 11, 12

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 Language & 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 Seminar **1530**
Grades 11, 12 *1 credit*

AP 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.**

ADDITIONAL ELECTIVES
(Does not count as an English requirement)

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

In Creative Writing, we will focus on developing some of the habits and disciplines of successful professional writers. We will learn writing strategies and techniques for various forms of writing, including the college essay, the personal narrative, poetry, the short story, flash fiction, the children's book and drama, and students will be expected to produce a substantial body of work over the course of the semester. We will utilize both technology and face-to-face communication for collaborative writing and revising, and we will work through the writing process to perfect our pieces.

Film Studies **1355**
Grades 11, 12 *.5 credit*

Film Studies is a course that introduces students to the basics of film analysis, cinematic formal elements, genre, and narrative structure and helps students develop the skills to recognize, analyze, describe and enjoy film as an art and entertainment form. To understand how films are constructed to make meaning and engage audiences, students will be introduced to the basic foundation and formal elements (narrative, mise-en-scene, cinematography, sound and editing) that make up the film as well as some fundamental principles of analysis, genre, style, performance and storytelling. The class includes weekly reading and writing assignments, students are also encouraged to take advantage of major festivals and symposia locally through service and internship opportunities. Screening films outside of class is a course requirement.

FAMILY CONSUMER SCIENCES

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 10, 11, 12 *.5 credit*

Students develop skills in baking quick breads, cookies, candies, cakes, pastries and specialty desserts that are appealing to the eye and palate. Sanitation and safety principles are also integrated into the curriculum. **Material fee applies**.

Culinary Arts 2 **8421**
Grades 10, 11, 12 *.5 credit*

Students prepare regional and foreign cuisines. Southern fried chicken, Texas chili, New England clam chowder and Creole soups are regional favorites. Irish soda bread, German cookies and apple Kuchen, Chinese stir fry, Japanese Sukiyaki, Swedish Kringle and Greek Moussaka are prepared. **Material fee applies**

Certify Me/ProStart **8800**
Grades 11, 12 *1 credit*
Prerequisite: Culinary Arts 1 with a "C" or better

Certify Me/ProStart is a year-long program that is designed for students who are serious about pursuing a career in any aspect of the food service industry or for students who are highly interested in an advanced education in Culinary Arts. When students successfully complete the program they will receive certification from the National Restaurant Association. This certification could provide students with articulated college credit or advanced standing opportunities at more than thirty colleges and universities across the United States. To achieve certification, students need to pass Certify Me/ProStart with a passing grade and complete 400 internship hours in a food service industry.

Infant & 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 36 months. You will learn to understand the roles that biology, cultural diversity, environment and heredity have on that growth and development, as well as theories on how to assist development in children in these early developmental years. **Please reference the chart on page 10 for costs associated with dual enrollment.**

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, you will be required to participate in a school/classroom field and service work experience. **Please reference the chart on page 10 for costs associated with dual enrollment.**

MATHEMATICS

The Nicolet Mathematics curriculum incorporates the National Common Core State Standards of 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.

Pathways
All pathways are designed to thoroughly prepare students for post-secondary education at a university or college. Students who begin 9th grade in a Geometry course have the opportunity to take an AP Calculus and/or AP Statistics course. Students taking an honors mathematics course should have a strong interest in mathematics.

All students are encouraged to enroll in a Computer Programming/Science course.

Calculators
Every course has calculator requirements. It is recommended that graphing calculators be from the TI-84 family. See course description for calculator requirements.

Mathematics Requirements and Options
(* Indicates One Semester Courses)

Freshmen
Algebra
Geometry
Honors Geometry

Sophomores
Algebra
Geometry
Honors Geometry
Algebra 2
Honors Pre-Calculus
*Computer Programming 1
*Computer Programming 2
*Computer Programming with Java

Juniors and/or Seniors
Geometry
Algebra 2
Honors Algebra 2
Honors Pre-Calculus
*Statistics
*Quantitative Reasoning
Introduction to College Calculus & Statistics (Honors)
Advanced Placement Calculus AB
Advanced Placement Calculus BC
Advanced Placement Statistics
*Calculus 3 (Honors)
*Linear Algebra (Honors)
Advanced Placement Computer Science A
*Computer Programming 1
*Computer Programming 2

Algebra 3233
Grades 9, 10 *1 credit*
Prerequisite: 8th grade Mathematics (placement by Math Department)

Algebra focuses on developing 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 date graphically, numerically, symbolically and verbally. A graphing calculator is required.

Geometry 3333
Grades 9, 10, 11 *1 credit*
Prerequisite: Completion of a full year of Algebra

Geometry aims to formalize and extend the geometry that students have learned in previous courses. The course includes topics such as triangle congruence using rigid motions and formal constructions, building a formal understanding of similarity based on dilations and proportional reasoning, developing the concepts of formal proof, exploring the properties of two- and three-dimensional objects, working within the rectangular coordinate system to verify geometric relationships, proving basic theorems about circles and using the language of set theory to compute and interpret probabilities for compound events. A graphing calculator is required.

Honors Geometry 3310
Grades 9, 10 *1 credit*
Prerequisite:
- *9th graders- High achievement in Algebra in 8th grade (Placement by Math Department)*
- *10th graders – High achievement in Algebra with recommendation from instructor.*

This course is designed to prepare students for the rigor of the Honors program and AP Calc or AP Stats. The course is a study of Euclidean Geometry through the use

of challenging and enriching problems. Deductive and inductive logical reasoning are emphasized throughout the year with emphasis placed on formal proofs. Congruence, similarity, right triangles, trigonometry and two and three dimensional geometry are some of the topics studied. Students learn in collaboration with others, sharing information, expertise and ideas. A graphing calculator is required.

Algebra 2 **3433**
Grades 10, 11, 12 *1 credit*
Prerequisite: Algebra and Geometry

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, finding zeros of polynomials and connecting them to graphs and equations of polynomials, modeling periodic phenomena with trigonometry, and understanding the role of randomness and the normal distribution in making statistical conclusions. A graphing calculator is required.

Honors Algebra 2 **3237**
Grades 10, 11 *1 credit*
Prerequisite: Honors Geometry

This course incorporates the same goals as Algebra 2 with more rigor and depth. In addition, the course includes matrices, linear programming and probability. A graphing calculator is required.

Pre-Calculus **3422**
Grades 11, 12 *1 credit*
Prerequisite: Algebra 2

Functions analysis and graphing are central to this course. Emphasis is on the circular and trigonometric functions, while others are reviewed. Other topics of study include: analytic trigonometry, polar equations and graphs, vectors, analytic geometry (conics), parametric equations, sequences and series, and the binomial theorem. Introductory calculus concludes the course. A graphing calculator is required.

Honors Pre-Calculus **3410**
Grades 10, 11, 12 *1 credit*
Prerequisite: Honors Algebra 2

The concepts of logic, mathematical structure and proof provide the main strands of this course. Topics include: complex numbers, functions (logarithmic, exponential, circular, trigonometric, polynomial, rational), and their graphs, polar and parametric equations, sequences, series, probability, statistics, and matrices. This course prepares students for the Advanced Placement Calculus AB or BC course. A graphing calculator is required.

Statistics **3520**
Grades 11, 12 *.5 credit*
Prerequisite: Algebra 2 (#3433)

This course is an introduction to statistics. Topics include data collection, data analysis, correlation, model building, estimation, inference, regression and hypothesis testing. 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. This course is highly recommended for all seniors. A graphing calculator is required.

Quantitative Reasoning **3543**
Grade 12 *.5 credit*
Prerequisite: Algebra 2

This course is designed 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.
Quantitative Reasoning 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 contexts and everyday life situations, develop the ability to reason mathematically, and make and evaluate logical arguments supported by quantitative evidence.

Introduction to College Calculus and Statistics **3600**
1 credit
Grades 11, 12
Prerequisite: Pre-Calculus

The goal of this course is 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 AP level math course. 7 college credits articulated with Cardinal Stritch. **Please reference the chart on page 10 for costs associated with dual enrollment.**

Advanced Placement Calculus AB **3619**
Grades 11, 12 *1 credit*
Prerequisite: Honors Pre-Calculus or approval of department coordinator

This course combines the study of calculus and elementary functions. It presupposes a thorough study of algebra, axiomatic geometry, along with logarithmic, exponential and circular functions. Course topics include limits, continuity, differentiation, integration, and applications of differentiation and integration. The syllabus for this Advanced Placement course is designed to incorporate the objectives for Calculus AB of the Advanced Placement Program Committee of the

College Examination Board. Upon completion of the course, students are expected to earn one semester of college placement and/or credit through an Advanced Placement examination. A graphing calculator is required. **All students enrolled in this course must take the AP exam. AP exam fees apply.**

Advanced Placement Calculus BC **3610**
Grades 11, 12 *1 credit*
Prerequisite: Honors Pre-Calculus

This course presupposes the study of elementary functions and places emphasis on the theoretical aspects of functions of a single variable. The topics listed for Calculus AB are studied at greater depth and the following topics are added: vectors and motion in the plane, relative rates of growth, sequences and series, and further applications. Syllabus for this advanced placement course was written by the Advanced Placement Program Committee of the College Examination Board, New York. Upon completion of the course, students are expected to earn two semesters of college placement and/or credit through an Advanced Placement examination. A graphing calculator is required. **All students enrolled in this course must take the AP exam. AP exam fees apply. Material fees apply.**

Advanced Placement Statistics **3630**
Grades 11, 12 *1 credit*
Prerequisite: Honors Pre-Calculus (#3410) or consent of instructor

This course is designed to introduce students to the major concepts and tools for collecting, analyzing, and drawing conclusions from date. Students are exposed to four broad conceptual themes: 1) the use of graphical and numerical techniques to study patterns and departures from patterns; 2) experimental design and data collection; 3) probability distributions, and 4) inferential modeling. These tools are used extensively in medicine, law, business, economics, engineering, the social sciences and in scientific research. Upon completion of this course, students are expected to earn one semester of college placement and/or credit through an Advanced Placement examination. A graphing calculator is required**. All students enrolled in this course must take the AP exam. AP exam fees apply. Material fees apply.**

Calculus 3 *(Honors)* **3360**
Grades 11, 12 *.5 credit*
Prerequisite: AP Calculus BC or consent of department

This college-level course expands on topics that were introduced in AP Calculus BC. Other topics taught include partial derivatives, three-dimensional vectors and analytic geometry, multiple integrals and vector calculus. Applications are included. A graphing calculator is required. Specific colleges offer credit for this course; see instructor for details. Calculus 3 is a dual enrollment course that allows students to take the class for both Nicolet credit and college credit through the UW Whitewater PIE program. **Costs for this course will be paid for by the students (or their families) and a transcript received in accordance with the chart on page 10 of this guide.**

Linear Algebra *(Honors)* **3370**
Grades 11, 12 *.5 credit*
Prerequisite: Calculus 3H or consent of department

This college-level course focuses on linear algebra and its applications. This course includes an in-depth study of matrices, vectors, linear transformations, vector spaces and null spaces. Eigen values and eigenvectors are defined and used. Applications are included. A graphing calculator is required. Specific colleges offer credit for this course; see instructor for details. Linear Algebra is a dual enrollment course that allows students to take the class for both Nicolet credit and college credit through the UW Whitewater PIE program. Costs for this course will be paid for by the students (or their families) and a transcript received in accordance with the chart on page 10 of this guide.

Advanced Placement Computer Science A **3621**
1 credit
Grades 11, 12
Prerequisite: Computer Programming 2 or recommendation of department

This course focuses on programming methodology, algorithms, fundamental data structures, computer systems and their responsible use. Features of object-oriented programming languages are emphasized (interfaces, inheritance, recursion). Programming is done in the Java programming language. Completion of a large case study program is required, as an understanding of this large program is an expectation of the AP exam. **All students enrolled in this course must take the AP exam. AP exam fees apply. Material fees apply.**

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

This course uses object-oriented programming as a method to enhance student's problem solving skills. A portion of the course uses Alice, a drag-and-drop environment in which students produce 3-D animations. The course also includes an introduction to Java. Fundamental concepts of computer programming are emphasized throughout the course (examples: looping structures, "if" statements, arrays). Students will be prepared for Computer Programming 2

Computer Programming 2 **3721**
Grades 10, 11, 12 *.5 credit*
Prerequisite: Computer Programming 1 or approval of department coordinator
(This does not fulfill requirements toward the 3 year math graduation requirement)

Computer Programming 2 is a continuation of Computer Programming 1. Students write more expansive programs which emphasize the object-oriented approach, including the use of classes, array lists and random number applications. Other topics include sorting methods, graphics applications. Other topics include sorting methods, graphics applications, 'string' manipulation and discussion of program complexity (an important area of research in computer science). Upon successful completion of this course, students are prepared to enroll in AP Computer Science A.

Computer Programming with Java **3710**
Grades 10, 11, 12 *.5 credit*
Prerequisite: Honors Algebra, Algebra, (or with consent of instructor) (This does not fulfill requirements toward the 3 year math graduation requirement).

This course teaches the basics of the Java computer programming language in the context of the Greenfoot programming environment. Students are able to learn the general fundamentals and principles of programming by creating their very own fun and interesting games and simulations. Major concepts are conveyed in modern, object-oriented programming language through hands-on, practical activity that allows students to create, observe, and play. Students should expect to be challenged to learn the syntax and structure of a Java program through their work in the fast-paced, one-semester course, and students will be prepared for AP Computer Science A after successful completion of it.

MUSIC

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 AP Music Theory, our goal is to broaden students' personal experience and understanding of music.

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.

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

Mixed 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: Recommendation by 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: Placement by 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: Recommendation by 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, improvisation scat singing 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.

Voice Lab **9489**
Grades 9, 10, 11, 12 *.5 credit*

This one-semester course provides students with individual instruction on vocal techniques for the soloist. Students will develop singing skills and music literacy through group instruction, individual coaching, and learning solo repertoire. Following introductory lessons, students will select a piece to develop throughout the semester. Students may take this course on a recurring basis

Sinfonia (Orchestra) **9440**
Grades 9, 10 *1 credit*

Sinfonia is the entry-level orchestra for students new to Nicolet High School who play the violin, viola, cello, bass, harp, or piano. This class endures that students develop the technical and musical skills (such as scales, bow technique, and note and rhythm reading) necessary for more advanced playing. These students perform two to three concerts per year, either alone or with Philharmonia (below). Personal and sectional lessons are available, as well as opportunities for additional solo and ensemble performances. Students may repeat this course if needed. **Instrument rental fees may apply**. A one-semester option is available with the consent of the instructor. **It is not necessary to audition for this ensemble.**

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

Orchestra students who demonstrate a mastery of specific technical and musical skills on their instruments may advance in to Philharmonia. In addition, this orchestra allows for further work on developing musical skills and techniques to prepare students for Chamber Orchestra This orchestra performs two to three concerts per year, either alone or with Sinfonia (above). Individual and sectional lessons are available, as well as additional opportunities for solo and chamber music performances. Students may repeat this course if needed. **Instrument rental fees may apply**. A one-semester option is available with the consent of the instructor. **Incoming students may audition for this ensemble by contacting Mr. Jamin Hoffman at 414-351-8173 or jamin.hoffman@nicolet.us**

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

Chamber Orchestra is for advanced orchestra students. It is a serious, performance-oriented ensemble that performs music from the standard orchestral repertoire for string and full orchestra. Appropriate stylistic practices, music theory, and formal analysis are taught within the context of the rehearsal. This group performs two to three concerts per year, including the Music Department Benefit concert in the early spring, the full-orchestra concert in the late spring, and the commencement ceremony in June **Instrument rental fees may apply**.. A one semester option is available with consent of the instructor. **Students interested in auditioning for Chamber Orchestra should contact Mr. Jamin Hoffman at 414-351-8173 or jamin.hoffman@nicolet.us**

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: Recommendation of 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 permission of 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.

Music and Song Writing **9493**
Grades 10, 11, 12 *.5 credit*

This course will introduce students to the practical aspects of writing music and songs, including music notation, rhythm, scales, key signatures, intervals, chords, beginning level melodic and rhythm dictation, ear-training, and sight singing skills. Students will use digital tools to explore the elements of musical composition and collaborate with other students to produce one or more original musical projects.

Song Production **9492**
Grades 10, 11, 12 *.5 credit*

After completing Music and Song Writing, students will collaborate with classmates and professional musicians to produce original songs based on their first semester musical project. Student producers will draw on performance techniques and use digital tools to write, record, edit and engineer their own compositions in the Nicolet music lab and recording studio

Music Theory **9480**
Grades 10, 11, 12 *1 credit*
Prerequisite: Recommendation of 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: Recommendation of 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. AP fees apply.

B**eginning 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 or consent of Instructor
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 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.

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

Students learn about music theory, composition and arranging through computer software such as Garage Band and HookPad. 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: Placement by 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

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: "B" or better in Photography 1

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**.

Photography 3 **9183**
Grades 10, 11, 12 *.5 credit*
Prerequisite: "B" or better in Photography 1 and 2 and instructor's approval.

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**.

Video Game Studies **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.

Photojournalism **9184**
Grades 10, 11, 12 *.5 credit*
Repeatable to 1 credit
Prerequisite: Completion of Photography 1 with a "B-" or better.

Tell the story of the school year through photography. Be a part of the action; get on the field and behind the scenes to all the most popular school events. Earn official Adobe Photoshop certification and college credit. Students will gain skills in DSLR camera usage, photo editing, photo montage, design and storytelling. Note: Students will be required to attend and photograph events that occur after school.

Yearbook **9185**
Grades 10, 11, 12 *1 credit*

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. **Material fees apply.**

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

Sophomores – 1 Course Required
Chemistry
Physics

Sophomores – Additional Electives
*Physics of the Universe
Anatomy & Physiology-Musculoskeletal & Neurology
Anatomy & Physiology-Internal Organ Systems
Advanced Placement Environmental Science
Advanced Placement Physics 1

Juniors and/or Seniors
Advanced Placement Biology
Advanced Placement Chemistry
Physics & Engineering *(Should take Chemistry & Material Science in other semester)*
Chemistry & Material Science (*Should take Physics & Engineering in other semester)*
Advanced Placement Environmental Science
Advanced Placement Physics 1
Advanced Placement Physics C-Mechanics
*Anatomy and Physiology
Physics
*Physics of the Universe
*Principles of Biotech
*Techniques of Biomed

Additional Electives
The following classes are also available but do NOT count towards graduation credits:
*Science and Engineering Seminar (Honors)
- 9, 10, 11, 12
*Independent STEM Research -10, 11, 12

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, biochemistry, cells and their parts, cell reproduction and cancer, genetics, gene technology, and evolution.

Biology *(Honors)* **2340**
Grade 9 *1 credit*
Prerequisite: (By departmental recommendation based on test results and 8th grade teacher recommendation)

Honors Biology covers the same topics as Biology, but in more depth, at a faster pace, and is designed to be a pre-AP course. Some topics are covered at an AP Biology level.

Units include: Covid 19, biochemistry, cells, cell reproduction and cancer, genetics, gene technology, and evolution.

Advanced Placement Biology **2350**
Grades 10, 11, 12 *1.5 credit*
(To be taken concurrently with AP Biology Lab 2352)
Prerequisite: Completion of first year Biology and Chemistry courses and the recommendation of those instructors

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 AP exam. AP exam fees apply. Material fees apply.**

Advanced Placement Environmental Science **2131**
1 credit
Grades 10, 11, 12
Prerequisite: Completion of Biology with a C or better. Completion of Chemistry with a C or better, or concurrent with Chemistry Honors and recommendation of instructors.

AP 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 AP exam. AP exam fees apply. Material fees apply.**

Chemistry **2460**
Grades 10, 11 *1 credit*
Prerequisites: Biology

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)* **2410**
Grades 10 *1 credit*
Prerequisite: Science – Completion of two semesters of Biology with a "C" or better and teacher recommendation. Math – Completion of Algebra 1 with a "B" or better.
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**.

Chemistry & Material Science **2420**
Grades 11, 12 *.5 credit*
Science or Career Education credit
Prerequisite: Biology and Algebra 1
Taken as a year-long course consecutively with Physics and Engineering. Sophomores must be concurrently enrolled in a yearlong science course.

Chemistry and Materials Science students learn introductory chemical concepts as well as practical science and engineering applications through several large inquiry projects. Numerous lab experiments are connected to engineering topics to enhance the classroom materials while providing "hands-on" experiences for the student. Units of study incorporate chemistry placed in the context of real-world examples such as: polymers, metals, crystallization and composites.

Advanced Placement Chemistry **2405**
Grades 11, 12 *1.5 credit*
(To be taken concurrently with AP Chemistry Lab 2406)
Prerequisite: Completion of first year Biology and Chemistry courses and the recommendation of those instructors

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 and Engineering **2520**
Grades 11, 12 *.5 credit*
Science or Career Education
Prerequisite: Biology and Algebra 1
Taken as a year-long course consecutively with Chemistry and Material Science. Sophomores must be concurrently enrolled in a yearlong science course.

Physics students learn basic physics concepts as well as practical science and engineering applications through several large inquiry projects. Physics concepts include investigations in motion, forces, Newton's Laws,

momentum, collisions, work, energy and simple machines. Small group projects typically include the design, construction and testing of parachutes, rockets, crash test vehicles, and catapults. A focus on scientific communication requires students to design and execute controlled experiments and write scientific reports.

Physics **2530**
Grades 10, 11, 12 *1 credit*
Prerequisite: Completion of Algebra

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 **2540**
Grades 10, 11, 12 *1 credit*
Prerequisite: Completion of Algebra

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: Completion of Pre-Calculus and Concurrent enrollment in Calculus is recommended.

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*
Prerequisite: Completed or enrolled in Algebra 1. Sophomores must be concurrently enrolled in a yearlong science course.

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 **2205**
.5 credit
(Honors)
Grades 10, 11, 12
Prerequisite:
- *Successful completion of Biology*
- *Sophomores must be concurrently enrolled in a yearlong science course.*

Prerequisite for college credit:
- *GPA of at least a 3.0 on a 4.0 scale*

OR
- *A composite ACT score of 23 or higher*

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: Completed Biology or Biology Honors with a grade of "C" or above. Sophomores must be concurrently enrolled in a yearlong science course.

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. Material fees apply.**

Environmental Education and Outdoor Pursuits **2120**
.5 credit
Grades 10, 11, 12
Prerequisite: Successful completion of Biology and a second full year science course. Sophomores must be concurrently enrolled in a yearlong science course.

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 both inside and out, 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 Biotech **2215**
Grades 10, 11, 12 *.5 credit*
Prerequisite: Biology and Chemistry

Principles of Biotech is the first of a two-part course with Techniques of Biomed. In this semester of the course, 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. **Material fees apply.**

Techniques of Biomed **2220**
Grades 10, 11, 12 *.5 credit*
Prerequisite: Principles of Biotech

Techniques of Biomed is the second part of the two course that allows students to investigate the roles of biomedical professionals and the techniques used in their lines of work as they study the concepts of human medicine, physiology, genetics, microbiology and public health. This course is heavily lab-based. Students will gain skills that may help them to gain the necessary skills to work as a lab-technician or prepare them for collegiate level research.

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

Science and Engineering Seminar (Independent Study) **2909**
.5 credit
(Honors) Semester 1
Grades 9, 10, 11, and/or 12 (may be taken 4 years)
Prerequisite: Consent of instructor

The independent STEM Research course challenges students to complete original and independent research in any area of moth, 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 date, and 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 from industry or a research institution to complete their research.
This course has the same outcomes as STEM Independent Research, but the research is complete outside of the school day on the student's own time, along with resource/enrichment or after school check-ins.

Independent STEM Research *(Honors)* **2905**
Semester 1 *.5 credit*
Grades 10, 11, 12 (may be taken 3 years)
Prerequisite: Consent of Instructor
**Does not count toward science graduation requirements. Elective only*

The independent STEM Research course challenges students to complete original and independent 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 date and 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 has the same outcomes as Science and Engineering Seminar, but you have time during the school day to complete the research project.

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, U.S. 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 U.S. History and one semester of Economics and U.S. Government.

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

Sophomores (Required)
U.S. Government (4515)

Juniors (Required)
U.S. History (4320)
U.S. Studies Block (4141)
Advanced Placement U.S. History (4309)

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

Electives
- Advanced Placement European History (10, 11, 12)
- Advanced Placement Psychology (11, 12)
- Psychology (11, 12)
- Sociology (10, 11, 12)
- Advanced Placement U.S. Government (11, 12)
- Leadership for Social Justice (10, 11, 12)

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. **Material fees apply.**

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. **Material fees apply.**

U.S. 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. **Material fees apply.**

U.S. 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 U.S. History **4309**
Grade 11 *1 credit*
Prerequisite: Instructor's Consent

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 Micro and Macro Economics **4543**
Grade 12 *1 credit*

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*
Prerequisite: Instructor's Consent

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.**

Special Topics in Social Studies: A History of American Presidential Elections and the Current Election **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 2024-2025.**

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 U.S. Government & Politics **4138**
.5 credit
Grades 11, 12
Prerequisite: Instructor's Consent. Suggested – American History is recommended.

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 U.S. politics and the analysis of specific case studies. It also requires familiarity with the various institutions, groups, beliefs and ideas that constitute U.S. 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

The Theatre classes at Nicolet satisfies students' needs in two ways. For the student who is actively seeking involvement in performance or stage crew, the classes provide the necessary basis. If the student is curious about theatre, they can receive an overview that will enhance their appreciation of theatre as an art form.

The serious acting student should take Acting 1 and Advanced Scene Study in their freshman year. Advanced Scene Study is a repeatable class and can be taken in the sophomore, junior and/or senior year.

Technical Theatre should be taken by the student who has an interest in working backstage and should be taken in the freshman or sophomore year.

Students who are interested in exploring theatre as an art form may choose from Theatre Appreciation, Acting 1 or Technical Theatre depending on the student's interest.

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: A "C" average and/or Instructor Approval

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 **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: A "C" average in Technical Theatre 1 and/or Instructor Approval

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 DEPARTMENT

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. Each student will receive one, district-owned heart rate strap to be used throughout the duration of the course. Upon course completion, the student must return the original strap or will be issued a $15 replacement fee.

Every class in the Wellness Department is fitness based and swimming is required in all classes.

Personal Wellness PE **5001**
(Physical Education)
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 elective course offerings. This includes activities pertaining: Team Sports, Individual Sports, Lifetime Fitness, Outdoor Education, Aquatics and Strength & Agility.

Personal Wellness Health **5000**
(Health Education)
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 & Time Management, 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

Individual & Dual Sports **5045**
Grades 10, 11, 12 *.5 credit*

This course is for students who prefer being competitive individually or with a partner. Students will participate in a variety of Dual and Individual activities where they will acquire knowledge of skills, strategies, rules and safety of each activity.
Students will participate in health and skill enhancing activities to endure their individual success. Students will also understand the correlation of their own health and fitness habits allowing them the energy and skills to participate in Dual and Individual activities throughout their lifetime.
Units in this course may include: Tennis, Pickleball, Walking, Yoga, Crossnet, Golf, Frisbee Golf, Lawn Games, Badminton, Racquetball, Snowshoeing, Cross-country skiing.

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

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, wiffleball, softball, basketball, volleyball and fitness. 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*

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, Pickleballl, Badminton, Ping Pong, Yard Games, Fitness Walking, etc.

ELECTIVES/SPECIAL PROGRAMS

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.

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

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**
(Repeatable) *.5 credit*
Grades 11, 12

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

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

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 during the last 4 weeks of the term. 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, zumba, cross country skiing, and snowshoeing.

Strength and Conditioning **5025**
(Repeatable) *.5 credit*
Grades 10, 11, 12

Strength Training and Agility is a course that will focus on developing muscular strength, endurance and overall athletic ability. 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 jumping abilities. This course is designed for students who have a desire to work hard on a daily basis to improve their muscular strength and agility. In order to repeat this class, departmental approval and a grade of a "B" or higher are required.

Officiating and Sports **5010**
Grades 10, 11, 12 *.5 credit*
Prerequisite: Any Foundational Course

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**.

Environmental Education and Outdoor Pursuits **5120**
.5 credit
Grades 10, 11, 12*
*Prerequisite: Successful completion of Biology and second full-year science course. *Can be taken as a 10th grader only concurrent with a full-year science course.*

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, kayaking, 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 in all types of weather, exploring our river and land surrounding it. Students should be prepared to be active on a daily basis.

Online Wellness **5100**
Grade 12 *.5 credit*
Instructor approval required
Only available for 1st Semester Seniors

This course is intended for students who are credit deficient or whose schedule will not accommodate a traditional wellness course. Students who register for this course must be highly motivated and organized individuals. The student must have access to the internet. Online Wellness focuses upon the individual fitness needs of the student in relation to the fitness concepts. Course assignments, activities and assessments will be provided through our online learning platform. Students will also be required to meet with the instructor at least 3-5 times during Resource period.

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 basic skills and cultural contents are taught via art, periodicals, music, podcasts, poems, short reading selections, 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 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. After successful completion of 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 through an agreement Nicolet has with UW-Green Bay. 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.

Freshman will be placed in Level 2 and receive 1 Nicolet credit for Level 1 study at the middle school by demonstrating mastery of an articulated common assessment and a performance rating of Level 1 skills.

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.

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.

French 1 **6210**
Grades 9, 10, 11, 12 *.5 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. **Material fees apply.**

F**rench 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. **Material fees apply.**

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

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. **Material fees apply.**

French 3 *(Honors)* **6239**
Grades 10, 11, 12 *1 credit*
Prerequisite: French 2

Presents French-speaking cultures via the study of thematic units. Continued development of the intermediate skills in reading, and writing with an emphasis on speaking and listening. Review of verb tenses. More complex tenses taught. Students earning Honors credit are in the same class with non-Honors students. Honor students will be assessed on a more rigorous proficiency scale and have assignments which are more challenging. Class conducted in French. **Material fees apply.**

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

Continued study of cultures of French speaking countries through art, music, civilization 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 4 *(Honors)* **6245**
Grades 11, 12 *1 credit*
Prerequisite: French 3 (Honors)

Continued study of cultures of French speaking countries through art, music, civilization and literature with the reading of *Le Petit Prince*. . New grammar and grammar review. Series of short compositions and presentations in French are required. Honors credit students are in the same class with non-Honors students. Honors students will be assessed on a more rigorous proficiency scale and have assignments which are more challenging. Class conducted in French.

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

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. **Material fees apply.**

Advanced Placement French 5 **6254**
Grades 11, 12 *1 credit*
Prerequisite: French 4 (Honors)

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. Material 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 **6337**
Grades 10, 11, 12 *1 credit*
Prerequisite: German 2

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 3 *(Honors)* **6339**
Grades 10, 11, 12 *1 credit*
Prerequisite: German 2 or instructor approval

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 is conducted in German. Students earning Honors credit are in the same class with non-Honors students. Honor students will be assessed on a more rigorous scale and have assignments which are more challenging.

German 4 **6347**
Grades 11, 12 *1 credit*
Prerequisite: German 3

Poetry, novels and short stories of selected German authors. New grammar and grammar review. Emphasis on speaking, reading and writing. Class conducted in German.

German 4 *(Honors)* **6345**
Grades 11, 12 *1 credit*
Prerequisite: German 3

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 **6357**
Grades 11, 12 *1 credit*
Prerequisite: German 4

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.

Advanced Placement German 5 **6354**
Grades 11, 12 *1 credit*
Prerequisite: German 4 (Honors)

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

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

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 9, 10, 11, 12 *1 credit*
Prerequisite: Hebrew 3

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

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. Basic development of reading, writing, listening and speaking skills. An understanding of ways of living, customs, contributions and manners of expression. **Material fees apply.**

Spanish 2 **6727**
Grades 9, 10, 11, 12 *1 credit*
Prerequisite: Spanish 1 or successful completion of articulated Spanish 1 curriculum at one of Nicolet's partner schools.

Continued development of basic language skills with a thematic approach to speaking strategies. Study of daily life and culture of the Spanish-speaking world through Sol Y Viento, a video program. **Material fees apply.**

Spanish 2 *(Honors)* **6723**
Grades 9, 10, 11, 12 *1 credit*
Prerequisite: Spanish 1 or successful completion of articulated Spanish 1 curriculum at one of Nicolet's partner schools, with teacher recommendation.

Continued development of listening, speaking, reading and writing. Focus on Spanish as well as use of synonyms. Hispanic culture is studied through a basic reader and Silvana sin lana, a video series. This course prepares students for Spanish 3 Honors. Preparation for the AP Literature and Culture Exam begins with the study of 6 poems. **Material fees apply.**

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

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 Sol y Vieto. Students listen to and produce commercials in Spanish and study Hispanic customs, music and the arts. **Material fees apply.**

Spanish 3 *(Honors)* **6735**
Grades 10, 11, 12 *1 credit*
Prerequisite: Spanish 2 Honors or Instructor consent

Emphasis on oral participation, synonyms and work linking with critical reading of Hispanic literature selections. Unit on the history of Mexico with special focus on the Mexican Revolution. Guided essay writing. Subjunctive is taught as well as a comprehensive review of verb tenses and grammar. Preparation for the AP Literature and Culture exam continues with the study of 6 short stories. Students entering from Spanish 2 (6727) must fulfill transition prerequisites to enter this class (See Department Leader). **Material fees apply.**

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

The course emphasizes conversational skills, grammar and structure review, reading and writing. The students watch a contemporary soap opera, Gran Hotel and read cultural/historical articles in preparation for an in-depth study of several Latin American countries.

Spanish 4 *(Honors)* **6745**
Grades 11, 12 *1 credit*
Prerequisite: Spanish 3 Honors or instructor consent

Students base their daily oral practice of the language on a survey of Hispanic literature prose, poetry and drama. Grammar is reviewed as needed. Students concentrate on preparation for the Spanish AP Language and Literature exams to be taken at the end of Spanish 5 AP. **Material fees apply.**

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

Continued emphasis on conversational skills. Class discussions on thematic topics. Writing short themes and diaries, reading and interpretation of short stories, a novel, and poems. Comprehension of TV and radio broadcasts. Culture and language is studied by viewing El internado, a video series. Spring performance of Sevillanas.

Advanced Placement Spanish 5 **6754**
Grades 11, 12 *1 credit*
Prerequisite: Spanish 4 (Honors)

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. 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. All students enrolled in this course must take the AP exam. AP exam fees apply. Fees apply.**

Fee Appendix on following pages

Fees not to exceed as listed

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

Department	Course	Description	Fee
Art	9135	Art Metal & Jewelry	$60.00
Art	9120	Ceramics & Sculpture	$60.00
Art	9111	Draw/Design 1	$30.00
Art	9115	Draw/Design 2	$30.00
Art	9160	Painting	$60.00
Art	9193	AP 2D Art & Design	$96.00
Art	9193	AP 2D Art & Design	$50.00
Art	9194	AP 3D Art & Design	$96.00
Art	9194	AP 3D Art & Design	$60.00
Art	9195	AP Drawing	$96.00
Art	9195	AP Drawing	$50.00
English	1520	AP Language & Comp	$96.00
English	1525	AP Literature & Comp	$96.00
English	1530	AP Seminar	$144.00
FCS	8411	Culinary Arts 1	$30.00
FCS	8421	Culinary Arts 2	$30.00
Math	3619	AP Calculus AB	$96.00
Math	3610	AP Calculus BC	$96.00
Math	3621	AP Comp Science A	$96.00
Math	3730	AP Comp Sci Principles	$96.00
Math	3730	AP Comp Sci - materials	$20.00
Math	3630	AP Statistics	$95.00
Math	3630	AP Statistics-materials	$29.00
Music	9475	AP Music Theory	$96.00
Music	9483	Beginning Electric Piano (materials)	$21.00
Music	9486	Chamber Orchestra Instrument Rental Fee	$50.00
Music	9484	Intermediate Electric Piano (materials)	$21.00
Music	9442	Philharmonia Orchestra Instrument Rental Fee	$50.00
Music	9440	Sinfonia Orchestra Instrument Rental Fee	$50.00
Music	9483/ 9484	Electric Piano Headphones	$6.00
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 Art	$15.00
Science	2350	AP Biology	$96.00
Science	2350	AP Biology–Lab Books	$11.00
Science	2405	AP Chemistry	$96.00
Science	2131	AP Environmental	$96.00
Science	2131	AP Enviro-Lab Book	$11.00
Science	2540	AP Physics 1	$96.00
Science	2552	AP Physics C	$96.00
Science	2210	Anatomy & Physiology – Internal Organs	$25.00
Science	2460	Chemistry	$4.50
Science	2215	Principles of Biotech – lab book	$17.00
Social Studies	4543	AP Economics	$192.00
Social Studies	4509	AP European History	$96.00
Social Studies	4526	AP Psychology	$96.00
Social Studies	4138	AP U.S. Gov & Politics	$96.00
Social Studies	4309	AP U.S. History	$96.00
Social Studies	4128	Global History Honors	$13.00
Social Studies	4130	Global History	$13.00
Social Studies	4515	U.S. Government	$12.00
STEM	2420	Chem & Material Science	$50.00/Sem
STEM	2520	Physics & Engineering	$25.00/Sem
Tech Ed	8760	Architectural Design	$25.00
Tech Ed	8761	Dig Video & Broadcast 1-4	$25.00/Each
Tech Ed	8766	Dig Video & Broadcast – Capstone 1 & 2	$25.00/Each
Tech Ed	8768	Dig Video & Broadcast - Incubator	$25.00/Each
Tech Ed	8781	Engineering & Robotics 1-4	$50.00/Each
Tech Ed	8786	Engineering & Robotics Capstone 1 & 2	$50.00/Each
Tech Ed	8788	Engineering & Robotics Incubator	$50.00/Each
Tech Ed	8791	Fabrication 1-4	$50.00/Each
Tech Ed	8796	Fabrication- Capstone 1 & 2	$50.00/Each
Tech Ed	8798	Fabrication-Incubator	$50.00/Each
Tech Ed	8771	Graphics 1-2	$25.00/Each
Tech Ed	8776	Graphics – Capstone 1 & 2	$25.00/Each
Tech Ed	8778	Graphics - Incubator	$25.00/Each
Wellness	5042	Life Guard	$92.00
Wellness	????	Officiating & Sports	$35.00
World Lang	6210	French 1 – workbook	$10.00
World Lang	6220	French 2 – workbook	$10.00
World Lang	6237	French 3 – workbook	$8.00
World Lang	6237	French 3 – NT Exam	$6.00
World Lang	6239	French 3H - workbook	$8.00
World Lang	6239	French 3H – NT Exam	$6.00
World Lang	6241	French 4 – NT Exam	$6.00
World Lang	6245	French 4H – NT Exam	$6.00
World Lang	6251	French 5 – NT Exam	$6.00
World Lang	6254	AP French 5 – AP Exam	$96.00
World Lang	6254	AP French 5–NT Exam	$6.00
World Lang	6354	AP German 5–AP Exam	$96.00
World Lang	6710	Spanish 1– Workbook	$22.00
World Lang	6727	Spanish 2 – Workbook	$22.00
World Lang	6723	Spanish 2H - NT Exam	$6.00
World Lang	6737	Spanish 3 – Workbook	$19.00
World Lang	6735	Spanish 3H – NT Exam	$6.00
World Lang	6745	Spanish 4H – NT Exam	$6.00
World Lang	6754	AP Spanish 5 – AP Exam	$96.00
World Lang	6754	AP Spanish 5 – NT Exam	$6.00

Student Fees – Required at Registration

Freshman:

- Registration Fees $95.00

Sophomore:

- Registration Fees $95.00

Juniors:

- Registration Fees $95.00

Seniors:

- Registration Fees $95.00

Other Possible Fees

- ACT Prep Program $50.00
- PreACT- Sophomores $16.00
- PSAT-Juniors $18.00
- Chromebook Charger Replacement $25.00
- Chromebook Cover $25.00
- Chromebook Replacement $382.00
- Chromebook Stylus $30.00
- Heart Monitor Strap Replacement $15.00
- ID Replacement $5.00
- Lock Replacement $5.00
- 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., Theatre(actors) $85.00/per activity - $170 per student/year max

Parent Organization Fees:

- Booster Club $75.00
- MEPA $20.00
- NHS Foundation $25-$500
- Performing Arts Patron $25-$500
- PTSO $15.00

Field Trips

- will be paid for by students at time of trip Prices Vary

All NSF checks will be charged a $25 fee

NOTES