

RHINELANDER HIGH SCHOOL

Course Descriptions



2019-2020

INDEX

<u>General Information</u>	<u>Page</u>
Add/Drop Guidelines	2
Alternative Course Options	2
Grade Point Average and Weighted Grades	3
College in the Schools	4
Graduation Requirements	5
Hodag Tracks (Virtual Learning)	6
Planning and Selecting Your High School Courses	6
Post-Secondary Education Admissions	7
Rhineland High School National Collegiate Athletic Association (NCAA) Approved Courses	9
 <u>Course Descriptions</u>	
Art	10
Business	12
Driver and Traffic Safety Education	15
English	16
Exceptional Education Needs	20
Family and Consumer Sciences	21
Foreign Language	23
Health Science	24
Mathematics	25
Music	27
Physical Education	28
Science	31
Social Studies	33
Technology Education	36

NONDISCRIMINATION STATEMENT

All courses, including Career and Technical Education courses, are available without discrimination based on race, color, religion, national origin, ancestry, creed, pregnancy, marital status, parental status, sexual orientation, sex, including transgender status change of sex or gender identity, disability, age (except as authorized by law), military status, or physical, mental, emotional, or learning disability in any of its student programs and activities.

ADD/DROP GUIDELINES

Rhineland High School (RHS) student schedules are created with care, and teaching positions are allocated based on student course requests. Since the work of creating schedules and allocating for teachers is of importance to staff and students, a request for change to a student's schedule is not taken lightly. The school counselors handle all schedule changes. Please note the following:

1. Students requesting a change must complete a "Schedule Change Request" form, which is available in the Student Services Office.
2. Students may only add alternate courses during the first week of a semester. After the first week, all dropped classes will be replaced with a study hall.
3. Students wishing to withdraw from a course are required to meet with their counselor to discuss the drop. The withdrawn course may be recorded as an "F" on the student's transcript, and the student will be placed in a study hall.
4. Students requesting a schedule change(s) must attend the scheduled course(s) until they are informed of the status of their request.
5. No requests pertaining to teacher preference or lunch shift will be honored.
6. The Student Services Office may initiate the course change request or deny a request with administrative approval.
7. There may be extenuating educational circumstances that may necessitate a schedule change. Exceptions will be considered and determined by the administration.

ALTERNATIVE COURSE OPTIONS

Community Service

A student may earn .5 (one-half) credit for fifty (50) hours or 1.0 credit for one hundred (100) hours of documented community service, as verified and signed by the community service organization's mentor/representative. The credit will be considered a "Pass/Fail" (P/F) and will not have any effect on grade point average. Students seeking to earn credit in this manner must complete the services during a given school year.

Independent Study

The intent of independent study is to provide students the opportunity to expand their knowledge in curricular areas beyond the scope of what is offered at RHS. When a student has exhausted all courses in a sequence, yet wants to learn more, independent study provides an option for an individual student and a teacher to work together to expand learning. An 'Independent Study Contract' needs to be prepared, listing the reasons for the course of study, the objectives covered, the methods of evaluation, and the outcomes of the study. A .5 (one-half) credit will be awarded upon the successful completion of the independent study opportunity.

Student Education Mentor

The Student Education Mentor program is a credit-earning opportunity for high school students to volunteer in a setting where a learning plan would provide them with meaningful and possible career opportunities. An example of this would be when a student desiring to become a classroom teacher would leave the high school facility to volunteer in one of the District's elementary schools. The high school student and the cooperating elementary classroom teacher would sign an agreement and list learning activities that would result in earning high school credit.

Student Internship

The Student Internship program gives students the opportunity to explore various aspects of industry through paid or unpaid workplace learning experiences while under the supervision of a workplace mentor. A student may work during the school day and/or outside of school hours and may earn a .5 (one-half) credit for every one hundred (100) hours, up to a maximum of two (2) credits for four hundred (400) hours.

Youth Apprenticeship

The Youth Apprenticeship (YA) program integrates school-based and work-based learning to instruct students in employability and occupational skills as defined by Wisconsin industries. Local programs provide training based on statewide youth apprenticeship curriculum guidelines as endorsed by business and industry. Students are instructed by qualified teachers and skilled worksite mentors. They are simultaneously enrolled in academic classes to meet high school graduation requirements in a youth apprenticeship-related instruction class and are employed by a participating employer under the supervision of a skilled mentor. A student may earn one (1) credit for each semester. For more information, parents and students can contact Aaron Homp, RHS School Counselor, at hompaar@rhinelander.k12.wi.us or call (715) 365-9500, ext. 8520.

Early College Credit

Early College Credit is a program that provides eligible high school students, grades 9-12, with the opportunity to take courses during the fall, spring or summer to earn college credit. Students may be permitted to enroll at a University of Wisconsin campus to take one or more courses for which the student may earn high school credit, post-secondary credit or both.

To be considered for the [Early College Credit Program](#), students in 9th grade must have taken Algebra I in middle school and provide a recommendation letter from a school official. Students in grades 10-12 must have a 2.0 GPA or better in high school. All students must display a level of responsibility and maturity needed to succeed in a college-level course.

If approved by the school board, the student can receive both high school and college credit or just college credit upon successful completion of the course. (See high school counselor for more information.)

Application Deadlines (Application needs to be submitted to the UW college student plans on attending.)

Summer/Fall Semester - June 1st

Spring Semester - December 1st

START COLLEGE NOW

Start College Now is a program allowing high school juniors and seniors who meet certain requirements to take post-secondary courses at a [Wisconsin technical college](#), including [Nicolet College](#). The program provides opportunities for high school students to get a head start on a technical certificate or an associate or bachelor's degree, to learn more about a field or career of interest, and/or to develop specific skills for entering the workforce immediately after high school graduation.

The school board will determine if a desired college course can be taken for high school credit and is not comparable to a current course offered by the district. In such cases, and unless the student fails to complete or get a passing grade in the course, the district will pay the cost of tuition and fees and the student will receive both high school and college credit. This high school credit will then count toward the student meeting high school graduation requirements needed to earn a high school diploma. Students must meet Rhinelander High School's definition of a student in good standing, shown below. (See high school counselor for more information.)

Application Deadlines (Application needs to be submitted to the technical college student plans on attending.)

- Fall Semester - March 1st
- Spring Semester - October 1st

Rhinelander High School's criteria for a student in good standing is as follows:

- a.) Cumulative grade point average of at least 3.25 at time of application and up to commencement of post-secondary course;
- b.) Full-time student at Rhinelander High School (2.5 credits per semester) at time of application and up to commencement of post-secondary course;
- c.) No history of a failing grade during high school career at time of application and up to commencement of post-secondary course;
- d.) No history of truancy and/or delinquent behavior during any high school enrollment at time of application and up to commencement of post-secondary course; and,
- e.) On track for graduation with the following credits earned at the commencement of coursework:

Application for 1st semester Junior Year = 12 credits. Application for 1st semester Senior Year = 18 credits.

Application for 2nd semester Junior Year = 15 credits. Application for 2nd semester Senior Year = 20.5 credits.

GRADE POINT AVERAGE AND WEIGHTED GRADES

Grade Point Average (GPA)

RHS uses one grading scale in classes. This is the more traditional 100% scale. To calculate GPA from the scale, the following points are assigned to letter grades:

<u>100% Scale</u>	
A	= 4.000
A-	= 3.667
B+	= 3.333
C+	= 2.333
C-	= 1.667
D	= 1.000
D-	= 0.667
F	= 0

All teachers use a calculated weighting average in the class gradebook. This means that the overall final grade is based more heavily on the student performance of tests, quizzes and/or projects than on homework completion or daily classwork. The two weight systems are

- > 10% Homework, 30% Quizzes/Labs/Projects, 60% Tests/Major Assignments
- or
- > 30% Quizzes/Labs/Projects, 70% Tests/Major Assignments

Weighted Credit (U)

“Weighted” indicates a course that adds a value to a student’s GPA. **Throughout this book, weighted courses are designated with a (U).** For any weighted course, .03 credit is added to a student’s GPA for all passing grades. Weighted credit is only afforded to courses that are taken at RHS and/or through virtual learning (Hodag Tracks).

COLLEGE IN THE SCHOOL

Advanced Placement (AP)

Students may receive college credit at most post-secondary four-year schools for scores they received on the ‘College Board Advanced Placement Test’. After completing specific AP courses, RHS students may take the AP exam in the spring of the year. It is up to each post-secondary school as to what score on the AP exam is eligible to receive college credit.

Dual Credit

RHS students earn both high school and technical college credit. Nicolet Area Technical College courses are taught in the high school by college certified high school teachers. There is no cost to the student or the high school for the credits. At the discretion of the post-secondary school, these credits may transfer.

Start College Now

Junior (grade 11) and senior (grade 12) students with at least a 3.25 GPA and on track for graduation may enroll in courses at Nicolet Area Technical College, and may earn both high school and college credit. Students are responsible for submitting required forms for spring semester by October 1st and for fall semester by March 1st. Informational packets and forms are available in the Student Services Office.

**COURSE SELECTION TO MEET RHS GRADUATION REQUIREMENTS
(22 TOTAL CREDITS REQUIRED)**

(Note: When providing a course title within this document, the small letter “a” indicates first semester and the small letter “b” indicates second semester. [Examples: English Survey 1a/1b, Geometry a/b, etc.])

The School District of Rhinelander will grant a high school diploma to students who fulfill the following requirements:

- | | |
|--|------------------------------------|
| 4 credits of English | 3 credits of social studies |
| 3 credits of mathematics | 3 credits of science |
| 1.5 credits of physical education | 0.5 credit of health |
| 0.5 credit of financial literacy | 6.5 credits of electives |
| Total – 22 Credits | |

All students will be required to pass* the state Civics test per Wisconsin State Statute.

To meet the English requirement of 4 credits, a student must pass the following courses:

- Humanities Eng. 1 a and b (1 credit)
- English Survey 2 or Acc. Eng. 2 a and b (1 credit)
- A writing course (.5 credits)
- An additional 1.5 credits of English courses

To meet the social studies requirement of 3.0 credits, a student must pass the following courses:

- Humanities Global Studies a and b (1 credit)
- U. S. History or AP US History a and b (1 credit)
- An additional 1.0 credit social studies electives

*If a student passes Algebra in eighth grade, those credits would count towards the three math credits required in grades 9-12 for graduation, but NOT towards RHS GPA.

* If a student passes Geometry in eighth grade, those credits would count towards the three math credits required in grades 9-12 for graduation, AND towards RHS GPA.

To meet the Science requirement of 3 credits, a student must pass the following courses:

- Physical Science a and b (1 credit)
- Biology a and b (1 credit)
- An additional 1 credit science electives

In grades 7 to 12, at least .5 credit of health education. **Starting with the class of 2020, this health requirement must be met in grades 9 - 12.**

1.5 credits of Physical Education earned over 3 separate years.

To meet the requirement of 0.5 credit of financial literacy, a student must pass either Economics or Personal Money Management.

*** Students with an IEP may have language in their IEP that speaks to accommodations for passing the Civics Test**

SELECTING HIGH SCHOOL COURSES

Students should keep in mind the various reasons for selecting courses, including the following:

- A course is required for high school graduation;
- A course is required as a prerequisite for what a student wants to do after high school (i.e. Algebra 2 for direct admission into a four-year college or university);
- A course, although not specifically required, will provide a student with valuable knowledge, experience, or skills through his/her lifetime; and,
- A course is chosen because the student enjoys an area; giving the student a further opportunity to enrich his/her life and to continue to develop interests and abilities.

VIRTUAL LEARNING

Hodag Connections

The School District of Rhinelanders offers individualized learning opportunities to all students 4K through adult utilizing various curriculum options and flexible scheduling. These opportunities are split into 4 programs:

- Hodag Tracks (home-based learning)
- Learning Lab (online courses offered as part of the daily school schedule)
- GED Option 2 (utilize GED testing to meet high school graduation requirements)
- Adult Learners (welcome back students 18 or older to complete graduation requirements)

For more information about the programs and curriculum options please visit:

<http://www.rhinelanders.k12.wi.us/htvl/>

WISCONSIN INTERSCHOLASTIC ATHLETIC ASSOCIATION (WIAA) ELIGIBILITY

Students involved in activities that are governed by SDR's activity code are reminded that according to the code, they must be enrolled in five (5) courses (2.5 credits) each semester. Anyone with questions regarding co-curricular activities and/or the activity code should contact Brian Paulson, Co-Curricular Activities Director, at paulsbri@rhinelanders.k12.wi.us or (715) 365-9500, ext. 8512.

TYPES OF POST-SECONDARY EDUCATION

FOUR-YEAR BACCALAUREATE

The four-year baccalaureate schools offer courses leading to a four-year Bachelor of Art or Bachelor of Science degree. Universities can be public (i.e. University of Wisconsin (UW)-Eau Claire) or private (i.e. St. Norbert College). Wisconsin has over twenty private colleges and universities and thirteen public universities.

PROPRIETARY SCHOOLS

Proprietary schools are schools that specialize in a specific trade or skill (i.e. truck-driving, art, culinary). Entrance requirements are generally open, although art schools may require students to submit a portfolio. Proprietary schools may offer certification, licensing, or associate degrees.

TECHNICAL SCHOOLS

Technical schools, such as the area's local Nicolet Area Technical College, have programs that can lead to a certificate, a vocational (one-year) degree, or an associate degree (generally two years). Most technical schools also have a liberal arts transfer program which allows students to earn college credit in general courses for two (2) years, with a transfer to a four-year school to complete their bachelor degree. Other individual courses may also transfer to a four-year college or university. There are sixteen (16) technical schools across the State of Wisconsin which offer a variety of career-oriented programs that last from a few months to two (2) years. Students with a high school diploma who are seeking admission to a Wisconsin technical school may need successful completion of some specific high school courses.

TWO-YEAR COLLEGE, JUNIOR AND COMMUNITY COLLEGES

The University of Wisconsin (UW) has thirteen (13) two-year extension campuses located throughout the state (i.e. UW-Marathon in Wausau, WI). These campuses have more liberal admission requirements and slightly lower tuition. Credits specifically transfer to any UW four-year college and, typically, to any four-year college or university. Depending on the location, campuses may offer housing and a limited range of extracurricular activities. Admission requirements may be the same as those for the UW four-year campuses.

POST-SECONDARY EDUCATION ADMISSIONS

High school graduation requirements are different than the entrance requirements for specific colleges and universities. The requirements listed below are minimum requirements for students to be eligible for admission to colleges and universities. Students are encouraged to exceed these minimum requirements and to challenge themselves by taking rigorous courses, including advanced placement courses, to be competitive in the collegiate admissions process.

University of Wisconsin System

<http://www.wisconsin.edu/>

Students must meet the following minimum requirements in order to be eligible for admission:

English	4 credits
Mathematics (Algebra 2a/b)	3-4 credits
Science	3-4 credits
Social Studies	3-4 credits
Fine Arts/Electives/Foreign Language	2-4 credits

Two (2) years of a single foreign language is required for admission to UW-Eau Claire, UW-Madison, UW-Milwaukee, UW-Parkside, and UW-Platteville and strongly recommended at other UW system campuses.

Wisconsin's Private Universities

<http://www.wisconsinprivatecolleges.org/>

Students must meet the following minimum requirements in order to be eligible for admission:

English	4 credits
Mathematics (Algebra 2a/b)	3-4 credits
Science	3-4 credits
Social Studies	3-4 credits
Foreign Language	2-4 credits

Considerations for admission included either ACT or SAT scores and grades earned within the context of courses taken, as well as the rigor of the courses.

Wisconsin's Technical Colleges

<http://witechcolleges.org/>

The following are recommended high school credits for adequate, comprehensive preparation for success in technical college programs:

English	4 credits
Mathematics	3 credits
Science	3 credits
Social Studies	3 credits
Technical Courses	3-4 credits

Technical college programs have admission standards and some programs have waiting lists. Apply early and speak to the college advisor regarding your chosen program.

Nation's Top Universities

Students must meet the following minimum requirements in order to be eligible for admission to the nation's top universities:

English	4 credits
Mathematics (Algebra 2a/b)	4 credits
Science	3-4 credits
Social Studies	3-4 credits
Foreign Language	3-4 credits

Considerations for admission include either ACT or SAT scores and grades earned within the context of course taken, as well as the rigor of the courses.

RHINELANDER HIGH SCHOOL COURSES (Approved By The National Collegiate Athletic Association)

If a student is anticipating playing on an athletic team in a Division I or II college, it is important that he/she is working with the RHS co-curricular activities director and his/her school counselor to ensure that the proper courses are being taken. The National Collegiate Athletic Association (NCAA) has approved the courses listed below for use in establishing the initial eligibility certification status of student athletes from RHS. Visit the NCAA website at www.ncaa.org for more details.

NCAA APPROVED COURSES

English

English Survey 1 a/b
Humanities English 1 a/b
English Survey 2 a/b
Accelerated English Survey 2 a/b
Contemporary Literature
Creative Writing
Debate (U)
Advanced Debate (U)
Fundamentals of Speech
Intermediate Writing
Journalistic Writing
Multicultural Literature
AP Language and Composition a/b (U)
AP English Literature and Composition 1/b (U)
21st Century Research and Technical Writing (U)

Mathematics

Algebra 1a/b
Geometry a/b
Algebra 2 a/b
Pre-Calculus a/b (U)
AP Calculus a/b (U)
AP Statistics a/b (U)

Foreign Language

German 1, 2, 3, 4
Spanish 1, 2, 3, 4

Science

Physical Science a/b
Biology a/b
Chemistry a/b
Earth Science and Environmental Science
Systems a/b
Human Anatomy & Physiology a/b
Physics a/b (U)
AP Biology a/b (U)
AP Chemistry a/b (U)

Social Studies

Global Studies a/b
Humanities Global Studies a/b
U.S. History a/b
Comparative Religions
Contemporary Global Studies
Democracy
Psychology
Sociology
Wisconsin Studies
AP European History (U)
AP United States History (U)

Global Education Achievement Certificate Program (GEAC)

All students at Rhineland High School are invited to participate in the Wisconsin Global Education Achievement Certificate Program. This certificate is awarded by the Wisconsin Department of Public Instruction to graduating high school students who have demonstrated a strong interest in global education and service. This program highlights the excellent global education learning opportunities available at RHS, encourages students to enroll in classes with global content in the arts, sciences, and humanities, and prepares globally competent students who are career and college ready. The program requires four components: curriculum, cultural literacy, co-curricular / school sponsored activities, and a service learning project, all of which must have a global focus. Students who participate in the certificate program will distinguish themselves from their peers in terms of their maturity and deep understanding of the world and global issues when competing in the college admissions process and in the workplace.

GEAC Requirements

“World language coursework: At least 4 years/credits in a single world language (or the equivalent when this is not available). Additional coursework: At least 4 credits of coursework with a global focus...”

United States. Wisconsin Department of Public Instruction. The Wisconsin Global Education Achievement Certificate. Oct. 2015. <http://media.wix.com/ugd/50491a_8f1358af50884e2da12d8e84d010f25b.pdf>.

RHS offers the following world-language coursework:

- Spanish I (1 credit)
- Spanish II (1 credit)
- Spanish III (1 credit)
- Spanish IV (1 credit)
- German I (1 credit)
- German II (1 credit)
- German III (1 credit)
- German IV (1 credit)

RHS offers the following global coursework:

- Contemporary Global Issues (.5 credit)
- AP European History (1 credit)
- Greek and Roman History (.5 credit)
- Economics (.5 credit)
- Sociology (.5 credit)
- Comparative Religions (.5 credit)
- Humanities Global Studies (1 credit)
- Multicultural Literature (.5 credit)
- Introduction to Medical Careers (.5 credit)
- Multicultural Games (.5 credit)

Note Students must earn a B or better in the aforementioned classes for them to count for the GEAC.

Course Listing and Descriptions

All courses will be listed alphabetically by subject/department area. Each course contains the following information:

Course Name (**) Course # - Grade Level that can enroll in this course (Number of semesters the course meets - Number of credits earned with successful completion of the course) Prerequisites for enrolling in the course.

** Following a course name may be letters in parentheses. The letter (U) designates a weighted course, (AP) designates a course which prepares students according to the prescribed AP curriculum, (D) designates a dual credit course by which a student can earn RHS credit and Nicolet College credit, (AS) designates that a course is in an Advanced Standing agreement with the Technical Colleges.

ART

CERAMICS 1 Course #5220 - Grades 9, 10, 11, 12 (1 Semester - .5 Credit)

This class pertains to clay and three-dimensional design. Review and expand upon basic handbuilding and wheel-throwing techniques to make decorative or functional items. Learn about tools, procedures, methods, techniques, and art history related to ceramics. (Fee is charged)

CERAMICS 2 Course #5225 - Grades 9, 10, 11, 12 (1 Semester - .5 Credit)

Prerequisite: Ceramics 1

This course is designed to allow students to continue developing and perfecting skills from Ceramics 1. Knowledge in hand-building techniques, wheel-throwing, glazing, firing processes, art criticism, and art history will be presented and expanded upon. Upon completion of this course, students will be able to use handbuilding and throwing techniques to create functional and artistic pieces, glaze pots, and will understand the stages of clay in a ceramic studio.

CERAMICS 3 Course #5226 - Grades 10, 11, 12 (1 Semester - .5 Credit)

Prerequisite: Ceramics 1 and Ceramics 2

In Ceramics III students will continue to develop their clay manipulating skills using a variety of techniques. Students will use the potter's wheels to throw larger functional pieces using stoneware; a high fire clay body. Students will throw lidded containers on the wheel, and other large forms. Students will create one large piece by combining many thrown pieces and joining them together to make one form. Students will interact with high fire glazes, low fire glazes, decorating slips and decorating stains to further explore the final stages of clay surface decoration. Students will use sculpting and handbuilding techniques and will combine slip casting into their large thrown sculptures. Art appreciation, art history and art criticism will be a part of this course as we discuss our work and study the work from various potter's.

DIGITAL DESIGN Course #5270 - Grades 9, 10, 11, 12 (1 Semester - .5 Credit)

This course, designed for the student who has no background in photography, provides beginning photographers with the necessary skills, techniques, and knowledge of photography in order to creatively express their own ideas. Students will learn about care and basic operation of digital cameras, the basics of photographic composition and develop a photography portfolio. In addition to basic photography skills, students will begin to explore Adobe Photoshop and illustrator to enhance their digital art skills. Students use the computer as a tool to create portraits, illustrations, and commercial/advertising art. Students discuss ethical and safety issues in the use of computers as an instructional tool. A variety of techniques, processes, and applications are studied. Visual and technical literacy is developed through critical and creative thinking in order to solve artistic problems.

DESIGN Course #5210 - Grades 9, 10, 11, 12 (1 Semester - .5 Credit)

Students will complete hands-on art projects, using a variety of mediums to learn, study, and practice using the pieces and parts of design, the elements and the rules for using those parts, and the principles. Emphasis is on theory and application of color, line, texture, shape and balance, rhythm, proportion, scale, and unity (harmony and center of interest). Students will use these designs to create visual representations and expand their horizons as they try various techniques to develop art-making skills and learn to appreciate beauty and craftsmanship. This course will aid students in areas such as graphic design, architecture and interiors, fashion, and all the fine arts (i.e. drawing, painting, ceramics, sculpture, etc.). (Fee is charged)

DRAWING 1 Course #5230 - Grades 9, 10, 11, 12 (1 Semester - .5 Credit)

Drawing 1 is a beginning level course in which drawing is shown to be a foundation for all the visual arts, as well as an exciting art form in itself. The importance of seeing and understanding through the act of drawing

is stressed, along with the specifics of line, form, light, space, color, and composition. Students explore a variety of media, drawing surfaces, and subjects. Techniques such as gesture drawing, contour drawing, proportion studies, and shading methods will be practiced as students draw both simple and complex subjects, (Fee charged)

DRAWING 2 Course #5235 - Grades 9, 10, 11, 12 (1 Semester - .5 Credit) Prerequisite: Drawing 1

Students will continue to develop drawing skills using a variety of mediums. Students will practice various drawing methods and techniques to problem-solve as they increase their creativity and originality. Emphasis is on controlling contrasts, light, volume, gesture, placement, and proportion. Students will use tone and line to create mood and dimension as they learn to express themselves and communicate ideas on a two-dimensional surface to produce quality art. (Fee is charged)

PAINTING 1 (Acrylic and Watercolor) Course #5240 - Grades 10, 11, 12 (1 Semester - .5 Credit)

Painting involves a “special” kind of seeing. The artist’s way of seeing and expressing can be learned through experience. Students study color, composition, art history, and techniques in watercolor, tempera, and acrylic paint. Students will get to paint a variety of subject matters (i.e. landscape, still life, etc.) on a variety of surfaces. A majority of this class is concentrated on color theory and the aesthetics of color. Students will begin with basic projects and continue to progress to more challenging projects and assignments, allowing students to practice individuality in these fine art mediums.

PAINTING 2 Course #5425 - Grades 10, 11, 12 (1 Semester - .5 Credit)

This course is designed to allow students to develop painting techniques learned in Painting 1 to a more advanced level. Students are expected to understand color theory and color mixing before enrolling in this course. Students will explore acrylic, watercolor, and oil mediums in greater detail. Art history and art criticism will be incorporated in this course as students develop their own painting style as an artist.

BUSINESS

Courses in business, information technology (IT), and marketing focus on teaching students technology and financial literacy skills. In addition, the competency-based curriculum helps students understand how a business operates, learn where and how technology is used, develop employability and task-specific skills, select a career direction, market themselves, businesses, or organizations, and develop lifelong learning skills.

The Business Department has created agreements with Nicolet Area Technical College to offer Wisconsin Technical College credit along with high school credit in some of its business courses. Students enrolling in and completing the course at a required standard can receive both high school and technical college credit. Students should expect a college level rigor for dual credit courses.

BUSINESS DUAL CREDIT COURSES

<u>RHS Course</u>	<u>RHS Credit</u>		<u>Nicolet College Course</u>	<u>Nicolet College Credit</u>
Business Marketing	0.5	=	Business Marketing	3
Accounting	0.5	=	Accounting Principals	2
Computer Applications	0.5	=	MS Word, MS Excel, MS PPT	3
Webpage Development	0.5	=	Web Programming Fundamentals	3

ACCOUNTING 1 (D) Course #6220 - Grades 10, 11,12 (1 Semester - .5 Credit)

(Dual Course - Accounting Principles)

This is an introductory course designed to allow students to explore the endless possibilities of the accounting profession and to build the foundation of their journey into the world of business. The basic accounting cycle that all service and merchandising enterprises follow will be used as core curriculum to teach the concepts of “real world” accounting principles. (*NOTE: All post-secondary certificate & degree programs in business require some accounting credits.*)

ACCOUNTING 2 Course #6225 - Grades 10, 11,12 (1 Semester - .5 Credit)

Prerequisite: Accounting 1

In this course, students will continue to build on their foundation of the language of business by completing the accounting cycle for business organized as privately held merchandising corporations (businesses that sell products rather than services). Special journals will be used to teach the more efficient bookkeeping process that most large businesses use. A special unit on payroll will be presented so students can learn all of the different aspects that go into receiving a paycheck. Like Accounting 1, this course also concludes with a comprehensive “real life” business simulation.

ACCOUNTING 3 Course #6230 - Grades 11,12 (1 Semester - .5 Credit)

Prerequisite: Accounting 2

Can be taken as Individualized Instruction (see instructor for details.)

ACCOUNTING 4 Course #6235 - Grades 11,12 (1 Semester - .5 Credit)

Prerequisite: Accounting 3

Can be taken as Individualized Instruction (see instructor for details.)

BUSINESS LAW Course #6210 - Grades 10, 11, 12 (1 Semester - .5 Credit)

This course focuses on the changes of legal rights and responsibilities that occur when a student becomes eighteen (18) years of age. The purpose is to inform students of their rights and to help them recognize and avoid possible problems. Specific topics to be covered include, but are not limited to the following: Voting, military service, jury duty, alcohol/drugs, driving, criminal charges, and sexual crimes. Special emphasis is given on contracts, which include employment, rental, leases, insurance, marriage/divorce, credit, and consumer protection. Actual court cases are integrated throughout the course to help authenticate the concepts being taught.

BUSINESS MARKETING (D) Course #6215 - Grades 10, 11, 12 (1 Semester - .5 Credit)

(Dual Course - Business Marketing)

Marketing is the process of planning, pricing, promoting, and selling to create exchanges that satisfy customers. Marketers are the people that create a way to plan a product, what the price range for a product is, advertise/promote the product, and sell the product. From the local Trig’s grocery store to Apple, all companies use marketing to sell/promote their products. This course is designed to provide an overview of marketing as an activity and process for creating, capturing, communicating, delivering, and exchanging offerings that have value for customers and stakeholders. This is developed through an understanding of the marketing mix, as well as the seven functions of marketing (distribution, market planning, market information management, pricing, product and service management, promotion, and selling). Along with the coursework, students will gain hands-on entry-level skills by working in the RHS *Health in Motion Spirit Shop*. Students will be required to work in the spirit shop outside of classroom time.

COMPUTER APPLICATIONS (D) Course # 6100 - Grades 9, 10, 11, 12 (1 Semester - .5 Credit)

(Dual Course - MS Word; MS Excel; MS PPT)

Computer Applications is an elective one (1) semester course recommended for all students in grades 9-12. This course is designed to be flexible and to adapt to changes in current trends in technologies and business.

Real world and practical business application of software packages is stressed. Introductory and intermediate level skills will be developed using Microsoft 2016 software to include Word, Excel, Access, and Powerpoint.

DIGITAL DESIGN (formally Digital Graphic Arts or Digital Photography) GRAPHICS ARTS Course #6130 - Grades 9, 10, 11, 12 (1 Semester - .5 Credit)

This course has a project-based curriculum that develops career and communication skills in print production and graphic design using Adobe Photoshop, Illustrator, and InDesign; as well as developing basic photo composition skills. Visual Design develops the following four key skill areas: Project management and collaboration; design; research and communication; and professional print production using graphic design tools. Students develop these key skills in a spiral (each project adds more challenging skills to foundation proficiencies). Students experience subject areas and skills across careers in graphic design, photography, print and layout design, and production.

EMPLOYABILITY SKILLS Course # 6200 - Grades 10, 11, 12 (1 Semester - .5 credit)

Most young people look forward to finishing school, leaving home, and starting out on their own. A key part of the transition from youth to young adult is getting a job. This course is designed to assist students in gaining the knowledge and skills necessary to make a successful job/career search and to make the transition into the adult working world. Topics include: personality and aptitude evaluations, resume and interview skills; work attitude; employer expectations; business ethics; worker legal rights; time management; and dressing for success. Along with the coursework, students will gain hands-on entry-level skills and experience by working in the RHS *Health in Motion Spirit Shop*. Students will be required to work in the spirit shop outside of classroom time.

INTRODUCTION TO COMPUTER PROGRAMMING Course #6115 - Grades 9, 10, 11, 12 (1 Semester - .5 Credit) Prerequisites: Algebra 1 or Integrated Math 2

Introduction to Computer Programming is an elective one (1) semester course open to all students. This course is designed to allow students to explore the largest and fastest growing entertainment industry segment, Video Games Design. Student will explore three different software and incorporate skills/concepts from English, science, and math in their programming. Any student interested in starting a career in video game design or IT (Information Technology) should take this course.

INTRODUCTION TO DIGITAL MEDIA Course #6125 - Grades 9, 10, 11, 12 (1 Semester - .5 Credit)

This introductory course is designed to give a broad exposure to many types of digital technology and open the doors to a career pathway in the communication technology field. It is also used as a stepping stone to more advanced IT courses offered at RHS. Students will study and complete units covering computer programming, desktop publishing, web page design, and digital graphics. After successful completion of the course, students will be leaders in digital media when taking other high school courses, e.g. math, science, English, and social studies. This course is not recommended for students who have enrolled in digital design, introduction to programming, or web page development.

MONEY MANAGEMENT Course #6205 - Grades 10, 11, 12 (1 Semester - .5 Credit) (*NOTE: This course, or Economics, is a graduation requirement*)

This course will help students come face-to-face with financial concerns such as savings, checking accounts, insurance, investing, retirement planning, taxes, budgeting, identity theft, student loans, credit cards, credit scores, credit reports, and several other money-related responsibilities of adult life. Computer-based tutorials will serve as the backbone of the course, which will be supplemented with practical, project-based assignments.

WEB PAGE DEVELOPMENT Course #6110 - Grades 9, 10, 11, 12 (1 Semester - .5 Credit) (*Dual Course - Web Programming Fundamentals*)

This course will introduce the learner to the principles of web page development using HTML (Hypertext Markup Language) programming, publish online content integrating multimedia components, understand the design concepts used to create web pages, locate and evaluate existing web pages on the Internet, and understand the legal and ethical ramifications of displaying web pages on the Internet. The learner will also learn terminology, develop static web pages that contain text, image, and video, as well as learn to link multiple web pages to produce a complete website. The final outcome of this course will allow students to not only understand design concepts, but also to have a basic understanding of HTML programming.

YEARBOOK Course #6140/6145 - Grades 10, 11, 12 (2 Semesters - .5 Credit per Semester)

This comprehensive year-long course puts to practice applied principles of a small business, desktop publishing, journalism, marketing, basic accounting, and business and management skills. ‘Areas Strong’ writing and computer skills are necessary for this course, as well as an excellent work ethic and the ability to meet deadlines. Class size and number of sections offered may be limited. Topics stressed during this course will be sales, marketing, article writing, digital photography, graphic design, and photo editing.

IS ADV MULTIMEDIA Course #6175 - Grade 12 (2 Semesters - .5 Credit per Semester)

Prerequisite: Yearbook

This comprehensive year-long course further develops the skills obtained in Yearbook. Students enrolled in this course are also eligible to apply for the yearbook editor position.

DRIVER AND TRAFFIC SAFETY EDUCATION

(NOTE: A program fee is charged for this program.. Payment is expected within the first month of the class.)

CLASSROOM Grades 9, 10, 11, 12 (32 hours)

This is a six-month program is offered to students fifteen (15) years five (5) months old and older. The class begins with a mandatory parent meeting and the temporary license (temps) test for eligible students, which are normally scheduled one (1) to two (2) weeks prior to the start of the class. Students are expected to pick up the *Wisconsin Motorist Handbook* from the WI Department of Motor Vehicles or the Driver Education Teacher prior to the temps test so that the learner’s permit can be secured as soon as possible. There will be a new session starting about every two (2) months, thus six (6) sessions will be starting during the course of the year. The classroom phase of driver education will be taught from 6:45 a.m.-7:45 a.m. twice a week during the first two (2) months. Parents will need to arrange transportation for the early morning classes. Beginning in the third month, students will attend class once a week for the next four (4) months. Topics of study will include the following: Graduated Driver License requirements; zone control; instrument control and devices; risk management; right-of-way rules; traffic signs and signals; roadway markings; special driving environments; sharing the roadway with other vehicles; effects of alcohol and other drugs; risks related to distractions (cell phone/texting); drowsy driving; and, the importance of wearing seat belts.

BEHIND THE WHEEL (BTW)

BTW lessons will run concurrently with classroom instruction. Driving instruction will be delivered in two-hour blocks of time, a minimum of six (6) hours of BTW instruction will be given. Students are expected to have the learner's permit in their possession every day. A technical writing analysis will be required after each driving lesson. Observations made during the lesson need to be identified, organized and recorded within the guidelines given to the student.

ENGLISH

Four (4) credits of English are required for graduation. These include a writing course that incorporates instruction in written communication, oral communication, grammar and usage of the English language, and literature.

Required English Course Sequence

9th Grade - Humanities English 1a/1b

10th Grade - English Survey 2a/2b or Accelerated English Survey 2a/2b

11th and 12th Grade - English Electives (1.5 credits) / Writing Course (.5 credit)

Students must have successfully completed English Survey 2a/2b or Accelerated English Survey 2a/2b as a prerequisite for all weighted and AP English courses.

English classes listed that have an asterisk (*) next to the name fulfill the writing requirement for graduation.

HUMANITIES (ENGLISH) 1a/1b Course #1120/1125 - Grade 9 (2 Semesters - .5 Credit Per Semester)

(NOTE: This course must be taken in conjunction with HUMANITIES Global Studies a/b)

The humanities course is designed to be an integrated study of history and literature to examine modern global themes such as inequality, truth, and justice. This thematic approach has students meld the literature from Humanities English with the history from Humanities Global Studies with an emphasis on understanding the major issues of today.

ENGLISH SURVEY 2a/2b Course #12011/1202 - Grade 10 (2 Semesters - .5 Credit Per Semester)

This is a two (2) semester course that reinforces the fundamentals of Language Arts and furthers critical analysis of our world. Students will practice and demonstrate skills in reading, writing, speaking, and listening. Students in English Survey 2a will master reading strategies to better understand the fiction and nonfiction texts connected to the theme of "coming of age". Students will complete research projects, as well as reflective, journalistic, and expository essays. Students in English Survey 2b will analyze, discuss, and write about novels, poems, and drama related to the theme of "standing up for justice"; delving deeper into literary devices and techniques. Students will also write definition and argumentative essays, as well as a complete research paper using Modern Language Association (MLA) format.

ACCELERATED ENGLISH SURVEY 2a/2b Course #1211/1212 - Grades 10 (2 Semesters - .5 Credit Per Semester)

This course reinforces the fundamentals of language arts and introduces critical analysis. Students will practice and demonstrate skills in reading, writing, speaking, and listening. Students in Accelerated English Survey 2a will master reading strategies to better understand the fiction and nonfiction texts. Students will complete research projects, annotated bibliographies, and media products, as well as speeches. Writings include impromptu, reflective, argumentative, literary analysis, and comparison/contrast. Students in Accelerated English Survey 2b will analyze, discuss, and write about novels, poems, and drama-related devices and techniques. Students will also write a complete research paper using MLA format. The rigor and

expectations for this course merit the accelerated title, and it is intended as proper preparation for advanced placement work during the junior and senior years.

CONTEMPORARY LITERATURE Course #1420 - Grades 11, 12 (1 Semester - .5 Credit)

This course is for students that like to read and talk about recently published literature that deals with timely issues affecting student lives. This course operates on the premise that literature spurs us into reflecting in our own world, making use of “essential questions” that make literature serve the real world; not the other way around. Students will read and discuss approximately five (5) contemporary novels as well as some other small pieces of literature. Racial prejudice, mental illness, the confusion of youth, war, and technology are some of the topics explored. Reading will lead to extension projects that allow students to act in real, personally meaningful ways on the thoughts inspired by the literature. These might include arranging a relevant guest speaker, helping out an organization dealing with the literature’s themes, creating a message video for the announcements, writing letters to the editor of a newspaper, etc.

CREATIVE WRITING* Course #1315 - Grades 10, 11, 12 (1 Semester - .5 Credit)

The emphasis in this course is on creativity, originality, style, and audience. Students will continuously work to enhance their vocabulary and voice throughout the course. Examples of strong writing will be studied and discussed in the course. Students will further focus on idea generation, character development, sensory details, and conventions of strong writing. Such skills will be developed through short stories, poetry, children’s stories, and drama. Students also keep a daily creative writing journal, which they share with the class.

FUNDAMENTALS OF SPEECH Course #1335 - Grades 11, 12 (1 Semester - .5 Credit)

In this course students will learn and practice what it takes to be an effective presenter. This includes a focus on good content, organization, delivery, audience, and analysis. Additionally, verbal, nonverbal, and written skills will be addressed and evaluated. Student learning outcomes (SLOs): include becoming aware of the importance of communication in personal and professional environments; gaining experience in interpersonal, group, and public communication; developing strategies for overcoming speech anxiety; and, practicing the delivery of professional and personal speeches using visual aids where appropriate to enhance presentation.

INTERMEDIATE WRITING* Course #1340 - Grades 11, 12 (1 Semester - .5 Credit)

Intermediate writing is an elective course that focuses on discovery of application of individual writing process from rewriting through revision and publishing. This course begins examining paragraph structure, then moves through the personal essay, the persuasive/argumentative essay, and the application essay. Focusing on revision, the course provides extensive practice in coherence, structure, and detail. The class includes extensive guided practice in peer revision, as well as sentence combining and editing. All students will benefit from this class, but electing it before the upper level weighted courses is most valuable.

JOURNALISTIC WRITING* Course 1440 - Grades 11, 12 (1 Semester - .5 Credit)

This course is designed for students with an interest in gaining a working knowledge of the unique types of writing skills practiced by journalists. Subjects covered include the history and purpose of journalism, journalistic law, desktop publishing, and several story styles, including news, feature, and editorial writing. Students practice these lessons in writing mock pieces and in contributing at least one article to each of the two (2) editions of the school newspaper, The RHS Reporter, published each semester. These articles are worked through an extensive writing process, including background research, interviewing, and editing. Students may also be involved in the photography, entertainment, and survey-taking portions of the newspaper. Finally, students will learn video-editing skills as they create editions of Hodag Happenings, a student-created news broadcast.

BROADCAST JOURNALISM* Course #1445 - Grades 11, 12 (1 Semester - .5 Credit)

Prerequisite: Journalistic Writing

This course offers instruction on the basics of producing radio and television news stories for broadcast or webcast. Students will learn the best practices in visual and audio storytelling for use across platforms and how to write clearly and concisely for the ear and the eye. Broadcast students get practical experience through in-class exercises and field assignments using technology integral to broadcast news, including working with local broadcast partners such as the local television station, WJFW. The curriculum covers several aspects of broadcast journalism, including broadcast news writing, videography and editing, television reporting, producing, and mass communication.

LITERATURE FOR LIFE Course #1320 - Grades 11,12 (1 Semester - .5 Credit)

This course blends both nonfiction and fiction to explore contemporary culture. Students will have an opportunity to examine a variety of themes and genre; encouraging life-long readership. Through the reading of texts, choice novels, essays, periodicals, and the viewing of documentaries, students will study struggles in American society, cultural ramifications of war, and efforts of extraordinary people. Students will learn to choose appropriate materials, respond creatively to texts and novels, and share insights about ideas in the readings of both written and oral formats, and gain skills in reading strategies.

MULTICULTURAL LITERATURE Course #1345 Grades 11, 12 (1 Semester - .5 Credit)

This course focuses on world literature to broaden a student's literary landscape. The unit begins with an investigation on students' own culture, working towards a definition and an understanding of commonalities and differences among human cultures as represented in literature, media, and nonfiction from around the world. Students read widely and deeply and are asked to write about and research ways in which cultures communicate, as well as conflicts that sometimes arise between cultures. A focus on the literature, art, music and landscape will be integrated into each unit to give students a basic understanding of the cultures studied.

PRACTICAL ENGLISH* Course #1310 - Grade 11, 12 (1 Semester - .5 Credit)

Prerequisite: Recommendation of the student's English teacher or school counselor

The main objective of this course is to develop minimum competency writing skills. Students review grammar, punctuation, and the writing process to prepare students in the practical application of the English language in speaking, listening, and reading as strengthened communication skills. This course is designed for students who are intending to attend a technical college or go directly into the world of work. This class is not intended for students wanting to prepare for a four-year college.

DEBATE (U) Course #1350 - Grades 10, 11, 12 (1 Semester - .5 Credit) Prerequisite: English 1a/b or HUMANITIES (English) 1 a/b with a "B" grade or better

Students in this course will learn the principles of public forum debate, including gathering and analysis of evidence and data. Debate students will abide by the 21st Century debate standards and will debate the nationally chosen topic for that year. This course is for highly-motivated students who enjoy the challenge of analyzing and synthesizing information while using logic to think on their feet. Students will use advanced research skills, listening skills, speaking skills, critical thinking skills, organizational skills, and leadership skills. Students are highly encouraged, though not required, to participate in competitive debate.

ADVANCED DEBATE (U) Course #1355 - Grades 11, 12 (1 Semester - .5 Credit)

Prerequisite: Debate 1 with a final grade of "C" or better

Advanced Debate will include an in-depth presentation and analysis of debate, its theory, and implementation, as well as advanced methods of research techniques and evidence-gathering. Students will continue to progress in public forum debate, focusing on arguing both sides of a given resolution. Further, students will

be introduced to the Lincoln Douglas debate format. Students will enhance their critical thinking and public speaking skills. Students are highly encouraged, though not required, to participate in competitive debate.

AP ENGLISH LITERATURE AND COMPOSITION a/b* (U) (AP)

Course #1460/1465 - Grades 11, 12 (2 Semesters - .5 Credit Per Semester)

This course is recommended for college-bound seniors interested in taking the AP Literature composition test in the spring, or simply by studying university level literary analysis without taking the test itself. This course will immerse students in classic works of prose, poetry, and drama, and will give readers an opportunity to analyze those works and their application to a meaningful life through discussions, films, possible field trips, creative projects, and writing. The course will add to a student's cultural literacy, create a sense of the impact historical context has on art, analyze works through critical lenses, and develop an understanding of how authors craft universal themes out of interesting storylines and a variety of literary techniques. In doing so, students will read storied works such as Sophocles' Oedipus and Beowulf and English masterpieces such as Shakespeare's Macbeth, Swift's Gulliver's Travels, and Charlotte Bronte's Jane Eyre, as well as famous romantic poets such as Poe, Hawthorne, and Melville (American Renaissance pieces), and \Robert Frost, Fitzgerald, and Salinger (20th Century/modern poets). College-level impromptu and planned essay writing will be taught, and group presentations and media productions will also be utilized as they are a 21st Century means of expressing oneself. While not required, students may find that taking AP Language and Composition previous to this course would be helpful preparation.

AP ENGLISH LANGUAGE AND COMPOSITION a/b* (U) (AP) Course #1360/1365 - Grades 11, 12 (2 Semesters - .5 Credit Per Semester)

This course is recommended for college-bound juniors interested in taking the AP Language and Composition test in the spring, or for simply studying university level writing and reading without taking the test itself. It is also recommended preparation for the AP Literature and Composition course during senior year. To be a thoughtful, productive citizen in the 21st Century, an individual must think critically, read widely with full comprehension, recognize bias and rhetoric, and write effectively from a perspective of strength and conviction. This course is designed to engage students in becoming skilled readers of prose written in a variety of periods, disciplines, rhetorical context, and in becoming skilled writers who compose for a variety of purposes. Writing skills will be greatly emphasized and taught throughout the course. Works such as In Cold Blood by Truman Capote, Julius Caesar by William Shakespeare, Grapes of Wrath by John Steinbeck, as well as various essays and speeches will be a part of this course. Students will discuss, orally and in writing, techniques utilized in texts. College-level study of grammar, usage, and syntax will also be addressed.

21st CENTURY RESEARCH AND TECHNICAL WRITING* (U) Course #1410 - Grades 11,12 (1 Semester - .5 Credit) Prerequisite: A grade of at least a "B" in English Survey 2b or Intermediate Writing; or instructor's approval

This weighted course will offer students the chance to learn and practice the specific and exacting forms of writing used in fields requiring research and reports, particularly technical and scientific areas of study. The course is geared towards college-bound and technical college-bound students to build skills in locating, evaluating and managing research materials. Students will conduct advanced research in which they will analyze and synthesize collected data to create and substantiate formal reports and papers in various formats, including both MLA and American Psychological Association (APA) formats. Students will complete two (2) large research papers, as well as create and assess several other types of technical documents, including technical instructions and editing, business writing, and more.

FAMILY AND CONSUMER SCIENCES

CHILD DEVELOPMENT Course #6330 - Grades 9, 10, 11, 12 (1 Semester - .5 Credit)

This course is recommended for anyone who wants to work with children or eventually become a parent. This class will cover the development of children (birth to age 2). Pregnancy, prenatal development, labor, and physical, intellectual, emotional, and social development will be covered. Other focuses will include caring for infants and how to find quality child care. Pregnancy and parenthood simulations, as well as field trips, will be some of the activities included in this course.

ASSISTANT CHILDCARE TEACHER (CHILD DEV. II) Course #6335- Grades 11, 12 (1 Semester - .5 Credit)

Prerequisite: Child Development

This course introduces the student to the early childhood profession. Course competencies include: Integrate strategies that support diversity and anti-bias perspectives; investigate the history of early childhood education; summarize types of early childhood education settings; identify the components of a quality early childhood education program; summarize responsibilities of early childhood education professionals; and, explore early childhood curriculum models. If a student is seventeen (17) years of age during the offering of the course and with ten (10) additional hours of observation, they will qualify for an assistant childcare teacher certificate. This certificate allows the student to be employed in a childcare setting at age seventeen (17).

CULINARY BASICS 1 Course #6300 - Grades 9, 10, 11, 12 (1 Semester - .5 Credit) Prerequisite to Culinary Basics 2 and Prostart

Culinary Basics 1 is designed to provide the student with the nutrition information to make healthy choices in the selection and preparation of foods, the skills to manage time and energy, and the knowledge of various food preparation principles. Working as a team, students apply nutrition information to the lab setting that requires cooperation and communication. (Fee is charged)

CULINARY BASICS 2 Course #6305 - Grades 9, 10, 11, 12 (1 Semester - .5 Credit) Prerequisite to ProStart

This course is designed to provide the student opportunities to plan, create, and serve appetizing and nutritious meals. Students participate in weekly labs with emphasis on management of food, time, resources, and money. In addition to American cuisine, foreign foods are explored. Activities are designed to help students make wise consumer choices, as well as to investigate career possibilities. (Fee is charged)

ADVANCED CULINARY Course #6310 - Grades 11, 12 (2 Periods, 1 Semester - 1 Credit) Prerequisite: Culinary 1 and Culinary 2 with grade of "C" or better

Advanced Culinary builds on the skills learned in Culinary Basics 1 and Culinary Basics 2. In addition to food preparation, topics such as customer relations, cost accounting, food cost controls, and marketing are covered. This class offers students an opportunity to explore exciting and rewarding careers in the hospitality industry such as executive chef, general manager, and restaurant owner. Students can earn college credit at certain state and national culinary and hospitality programs by learning career and employability skills, and passing the tests for the ProStart National Certification. (Fee is charged)

HOUSING & INTERIOR DESIGN 1 Course #6325 - Grades 10, 11, 12 (1 Semester - .5 Credit)

This course focuses on personal and family housing needs. Topics such as art principles and their application to decorating choices, the study of floor plans, room and furniture arrangement and selection, and the study of housing styles will be explored, as well as consumer rights and responsibilities. Multiple projects during the semester will include floor plans and composite of materials and color choices, and

selection and arrangement of furnishings; accompanied by a detailed report of cost and reasons for the choices. A study of career opportunities will also be included.

RELATIONSHIPS Course #6320 - Grades 9, 10, 11, 12 (1 Semester - .5 Credit)

This course is designed to help students build, maintain, and improve relationships with people, including peers, parents, teachers and employers. Discussion topics include changes in a student's life that affects them personally, self-esteem, values, decision-making, and communication. Class experiences give students an opportunity to interact with each other and guest speakers on a variety of topics.

FOREIGN LANGUAGE

It is recommended that students complete at least two (2) years of foreign language if considering a four-year college. Although not all colleges require foreign language, having this on transcripts demonstrates academic rigor. Also, some colleges require foreign language as a graduation requirement and will accept two (2) years of high school foreign language. Students seeking admission to competitive universities and private schools should strongly consider four (4) years of foreign language.

GERMAN 1 a/b Course #5410/5415 - Grades 9, 10, 11, 12 (2 Semesters - .5 Credit Per Semester)

German 1 a/b is designed to provide practice in all four (4) basic language skills; listening, speaking, reading, and writing. Grammatical, vocabulary, and cultural topics are included in classroom activities.

GERMAN 2 a/b Course #5420/5425 - Grades 10, 11, 12 (2 Semesters - .5 Credit Per Semester)

Prerequisite: German 1 a/b

German 2 a/b reinforces materials taught in German 1 a/b and continues the development of new language skills. Vocabulary is increased and new tenses and verb forms are introduced.

GERMAN 3 a/b Course #5430/5435 - Grades 11, 12 (2 Semesters - .5 Credit Per Semester)

Prerequisite: German 2 a/b

German 3 a/b reinforces material taught in German 1 a/b and 2 a/b, and continues the development of more advanced language skills. By the end of German 3, students will have increased the content areas they can discuss.

GERMAN 4 a/b (U) Course #5440/5445 - Grade 12 (2 Semesters - .5 Credit Per Semester)

Prerequisite: German 3

German 4 a/b is dedicated to the refinement and enrichment of the basic language skills taught in German 1 a/b, 2 a/b, and 3 a/b. An increased emphasis will be put on speaking and comprehension while the class is primarily conducted in the target language.

SPANISH 1 a/b Course #5510/5515 - Grades 9, 10, 11, 12 (2 Semesters - .5 Credit Per Semester)

Spanish 1 a/b is designed to provide practice in all four (4) basic language skills; listening, speaking, reading, and writing. Grammatical, vocabulary, and cultural topics are included in classroom activities.

SPANISH 2 a/b Course #5520/5525 - Grades 10, 11, 12 (2 Semesters - .5 Credit Per Semester)

Prerequisite: Spanish 1 a/b

Spanish 2 a/b reinforces material taught in Spanish 1 a/b and continues the development of new language skills. Vocabulary is increased and new tenses and verb forms are introduced.

SPANISH 3 a/b Course #5530/5535 - Grades 11, 12 (2 Semesters - .5 Credit Per Semester)

Prerequisite: Spanish 2 a/b

Spanish 3 a/b reinforces material taught in Spanish 1 a/b and 2 a/b, and continues the development of more advanced language skills. By the end of Spanish 3b, students will have increased the content areas they can discuss.

SPANISH 4 a/b (U) Course #5540/5545 - Grade 12 (2 Semesters - .5 Credit Per Semester)

Prerequisite: Spanish 3 a/b

Spanish 4 a/b is dedicated to the refinement and enrichment of the basic language skills taught in Spanish 1 a/b, 2 a/b, and 3 a/b. An increased emphasis will be put on speaking, reading comprehension, and writing, while the class is primarily conducted in the target language.

MATHEMATICS

(3.0 Credits of Mathematics Required for Graduation)

Students should prepare for their future by including a well-planned mathematics curriculum during their high school education. Almost all post-secondary choices require math. Whether a student chooses to enter the workforce directly out of high school, complete an apprenticeship or military duty, attend a technical school, or enroll in a university program, a solid math background will positively affect his/her future. Students considering application to a competitive college should note that four (4) credits of mathematics will make them a stronger candidate for admission. The more high school math a student has take, the better prepared he/she will be in his/her post-secondary education, as well as in his/her future profession.

PRE-ALGEBRA a/b Course #2005/2010 - Grades 9, 10, 11 (2 Semester - .5 Credit Per Semester)

To be taken upon the recommendation of the Math Department

Pre-Algebra is a math course for ninth-grade students, which intends to provide a bridge between Math 8 curriculum and the Algebra 1 curriculum. In particular, Pre-Algebra begins with a thorough review of number operations--on whole numbers, fractions, decimals, and percents. Students are then exposed to selected topics from the Algebra 1 curriculum, emphasizing, among other topics, the solving and graphing of linear equations. The goal is to ensure student mastery of the previous topics while preparing the student for future success in Algebra 1 and Geometry. This class is available by teacher recommendation only.

ALGEBRA 1 a/b Course #2130/2135 - Grades 9, 10, 11,12 (2 Semesters - .5 Credit Per Semester)

Algebra 1 is a college preparatory course that encompasses Wisconsin's Common Core Standards. The course is designed for the student who intends to take Geometry, Algebra 2, and wishes to pursue post-secondary education.

ALGEBRA 1 EXTENDED a/b Course #2140/2145 - Grades 9, 10, 11, 12 (2 Semesters - .5 Math Credit Per Semester AND .5 Elective Credit Per Semester)

Algebra I Extended is designed to develop the student's arithmetic and algebraic skills necessary for problem solving and advanced mathematics study. Instead of working with constant numeric quantities in arithmetic, Algebra I Extended deals with variables. This course covers the same curriculum as Algebra I but the student has two class periods to learn and comprehend the curriculum. The students have the course for two consecutive periods. This course allows for additional examples, questioning and collaborative work time.

GEOMETRY a/b Course #2230/2235 - Grades 9, 10, 11, 12 (2 Semesters - .5 Credit Per Semester)

Prerequisite: Algebra 1 a/b or Algebra 1 Extended a/b

Geometry is the second course in the college preparatory mathematics sequence, and also strengthens the mathematical background of the technical school-oriented students. This course encompasses Wisconsin's Common Core Standards for geometry.

TRANSITION TO ALGEBRA 2 a/b Course #2320/2325 - Grades 11, 12 (2 Semesters - .5 Credit Per Semester) Prerequisite: Algebra 1 a/b and Geometry a/b

Students who are considering a four (4) year or two (2) year post-secondary school can take this course to help them prepare for Algebra 2 a/b. The content includes algebra, geometry, statistics, probability, and an introduction to Algebra 2. This class transitions students into a traditional classroom setting to help prepare for a post-secondary education.

ALGEBRA 2 a/b (Required for college entrance) Course #2330/2335 - Grades 9, 10, 11, 12
(2 Semesters - .5 Credit Per Semester)

Prerequisite: Geometry a/b or Transition to Algebra 2 a/b

Algebra 2 a/b is the third course in the college preparatory mathematics sequence. It consists of a thorough study of algebra and an introduction to trigonometry. Emphasis on the structure of algebra is combined with systematic instruction in the techniques of algebra. Major concepts are: Properties of the real number system; algebraic expressions; equations and inequalities; functions and graphs; polynomial and rational functions; exponential and logarithmic functions; matrices; sequences; series; and, systems of equations.

PRECALCULUS a/b (U) Course #2340/2345 - Grades 10, 11, 12 (2 Semesters - .5 Credit Per Semester)

Prerequisite: Algebra 2 a/b

This course expands on previously learned algebraic processes and thoroughly covers the study of functions in trigonometry. It includes the concepts of the infinite and continuous as part of introductory calculus, as well as the finite and iterative concepts of discrete mathematics. Specific topics include: Properties of the real number system; algebraic expressions; equations and inequalities; functions and graphs; polynomial, rational, exponential, logarithmic, and all trigonometric functions and their inverses; solving triangles; and, trigonometric identities.

AP CALCULUS a/b (U) (AP) Course #2420/2425 - Grades 10, 11, 12 (2 Semesters - .5 Credit Per Semester)

Prerequisite: Precalculus a/b

AP Calculus covers the curriculum content of the first semester of a college calculus course. The objective match the most current description published by the College board, which administers the Advanced Placement Exam. Topics include: Limits and continuity; derivatives, applications of derivatives; the definite integral differential equations and mathematical modeling; and, applications of definite integrals. The last four (4) weeks preview second semester calculus topics such as integration by parts and partial fractions indefinite integrals, and applications of integration (including volume), density, forms, and work.

AP STATISTICS a/b (U) (AP) Course #2410/2415 - Grades 10, 11, 12

(2 Semesters - .5 Credit Per Semester) Prerequisite: Algebra 2 a/b

This course provides an introduction to the study of probability and statistics. Topics addressed include the nature of statistics, techniques, in-sampling and collecting numerical information, and analysis of data to make meaningful decisions in science and research fields of study. Students may use this course to prepare for the AP Statistics exam.

COLLEGE MATHEMATICS a/b (D) Course #2430/2435 - Grades 10, 11, 12 (2 Semesters - .5 Credit Per Semester)

Prerequisite: Algebra 1

(Dual Course - College Mathematics 1080410700)

Designed to review and develop fundamental concepts of mathematics pertinent to the areas of arithmetic and algebra, geometry and trigonometry, probability and statistics. Special emphasis is placed on problem solving, critical thinking and logical reasoning, making connections, and using calculators. Topics include performing arithmetic operations and simplifying algebraic expressions, solving linear equations and inequalities in one variable, solving proportions and incorporating percent applications, manipulating formulas, solving and graphing systems of linear equations and inequalities in two variables, finding areas and volumes of geometric figures, applying similar and congruent triangles, converting measurement within and between U.S. and metric systems, applying the Pythagorean Theorem, solving right and oblique triangles, calculating probabilities, organizing data and interpreting charts, calculating central and spread measures, and summarizing and analyzing data. Pre algebra or ACT ≥ 18 .

MATHEMATICAL REASONING a/b (D) Course #2440/2445 - Grades 10, 11, 12 (2 Semesters - .5 Credit Per Semester)

Prerequisite: Algebra 1

(Dual Course - Mathematical Reasoning 1080413400)

An activity based approach is used to explore numerical relationships, graphs, proportional relationships, algebraic reasoning, and problem solving using linear, exponential and other mathematical models. Students will develop conceptual and procedural tools that support the use of key mathematical concepts in a variety of contexts.

CONSUMER MATHEMATICS A Course #2450- Grades 9, 10, 11, 12 (1 Semester - .5 Credit)

This course is designed to provide students with a comprehensive study of many types of consumer decisions. Topics can include earning, wages, deductions, taxes and insurance, recreation and spending. (Does not fulfill Personal Finance credit)

CONSUMER MATHEMATICS B Course #2455 - Grades 9, 10, 11, 12 (1 Semester - .5 Credit)

This course is designed to provide students with a comprehensive study of many types of consumer decisions. Topics include earning, personal finances, budgeting, banking and investing, credit, automobile expenses, housing taxes and insurance. (Does not fulfill Personal Finance credit)

MEDICAL SCIENCES

The Health Sciences Department has created agreements with the Wisconsin Technical College System to offer college credit along with high school credit in medical terminology. Students that take and complete the course at a required standard can receive both high school and Nicolet Area Technical College credit.

MEDICAL SCIENCES DUAL CREDIT COURSE

<u>RHS Course</u>	<u>RHS Credit</u>	=	<u>Nicolet College Course</u>	<u>Nicolet College Credit</u>
Medical Terminology	0.5		Medical Terminology	3

INTRODUCTION TO MEDICAL CAREERS Course # 6405 - Grades 9, 10, 11, 12 (1 Semester - .5 Credit)

Introduction to Medical Careers is designed for students interested in exploring career options in a health-related field. The course offers an overview of a wide range of health occupations, from entry level to postgraduate careers. Students will gain background knowledge in career opportunities, medical terminology and the skills and education needed to be successful in a health career.\

MEDICAL TERMINOLOGY (D) Course # 6410 - Grades 11, 12 (1 Semester - .5 Credit)

Medical Terminology focuses on the component parts of medical semesters; prefixes, suffixes, and root words. Students will practice formation, analysis, and reconstruction of terms. Emphasis will be placed on spelling, definition, and pronunciation. There will also be introduction to operative, diagnostic, therapeutic, and symptomatic terminology of all body systems, as well as systemic and surgical terminology. Students who pass this course with an eighty percent (80%) or better will earn transcribed credit at any technical college in Wisconsin.

MUSIC

CONCERT BAND a/b Course #5110/5115 - Grades 9, 10, 11, 12 (2 Semesters - .5 Credit Per Semester)

Prerequisite: Prior band participation or Director's consent

It is expected that the students in Concert Band have mastered the basic fundamentals of music. This band will perform at all concert events, large group festival or clinics, and at an occasional tour. The Concert Band will be joined by the Wind Ensemble for all performances. Students will be financially responsible for a music lyre, flip folder, and windows, as well as any damage to school-owned instruments. All incoming 9th grade students should register for Concert Band a/b rather than Wind Ensemble a/b, unless there are course conflicts. Students in grades 10th, 11th and 12th may register for either Concert Band a/b or Wind Ensemble a/b.

WIND ENSEMBLE a/b Course #5120/5125 - Grades 10, 11, 12 (2 Semesters - .5 Credit Per Semester)

Prerequisite: Concert Band or Director's consent

The Wind Ensemble performs at a higher level than that of the Concert Band a/b. Therefore, it is expected that the students in this class have mastered the basic fundamentals of music. This band will perform at all concert events, large group festival or clinics, and an occasional tour. The Wind Ensemble a/b will be joined by the Concert Band a/b for all performances. Students will be financially responsible for a music lyre, flip folder, and windows, as well as any damage to school-owned instruments. Students in grades 10th, 11th and 12th may register for either Concert Band a/b or Wind Ensemble a/b.

CONCERT CHOIR I a/b Course #5150/5155 - Grades 9, 10 (2 Semesters - .5 Credit Per Semester)

Concert Choir I is designed to provide an atmosphere for the enjoyment, appreciation and performance of all types of choral music. The curriculum is designed to cover the basic foundations of music reading and music theory for the beginning musician, extend the abilities of more advanced students, and increase singing confidence and aptitude. The instruction and improvement of voice quality, intonation, ability to read music, ability to sight-sing, and the overall development of musicianship is stressed in conjunction with the learning of each musical piece. In addition to the techniques of rehearsal and performance, a portion of each class period will be devoted to improving music theory and learning about music history. Any student may choose to participate as a soloist or as a member of an ensemble in the District Solo/Ensemble Festival. Students will be financially responsible for any damage to school-owned choir uniforms/costumes. Students must take both semesters.

CONCERT CHOIR II a/b Course #5160/5165 - Grades 11, 12 (2 Semester - .5 Credit Per Semester)

Prerequisite - One year of Concert Choir and Directors Approval

Concert Choir II is an upper-level performance opportunity offered to experienced music students who are accomplished in vocal performance. This choir is designed to provide an atmosphere for the enjoyment, appreciation and performance of all types of choral music. The instruction and improvement of voice quality, intonation, ability to read music, ability to sight-sing, and the overall development of musicianship is stressed in conjunction with the learning of each musical piece. In addition to the techniques of rehearsal and performance, a portion of each class period will be devoted to improving music theory and learning about music history. Any student may choose to participate as a soloist or as a member of an ensemble in the District Solo/Ensemble Festival. Students will be financially responsible for any damage to school-owned choir uniforms/costumes. Students must take both semesters.

SHOW CHOIR a/b Course #5140/5145 - Grades 10, 11, 12 (2 Semesters - .5 Credit Per Semester)

Prerequisite: Permission from instructor and two (2) semesters of Concert Chorus

This course is open to students by audition and the Director's consent. This group meets daily and class sessions are devoted to mastering vocal and dance techniques while performing music more in the "pop" style. The Director may schedule extra rehearsals for choreography outside of the school hours with

advanced notice. The Show Choir will perform at all concert events, large group festivals or clinics, and an occasional tour. Programs for community groups may also be scheduled. Any student may choose to participate as a soloist or as a member of an ensemble in the District Solo-Ensemble Festival. Students will be financially responsible for any damage to school-owned choir uniforms/costumes. Students must take both semesters.

PHYSICAL EDUCATION

All students must complete 1.5 credits of physical education instruction for graduation. Students earn these credits by taking Course #5310, Physical Education (grade 9) or Course #5315, Total Fitness Physical Education, and Course #5320, Physical Education (grade 10) or Course #5325, Speed Specific Total Fitness Physical Education.

HEALTH Course #5380 - Grades 9, 10, 11, 12 (1 Semester - .5 Credit)

In order to graduate from RHS, students must successfully complete the equivalent of one semester of health in grade 9 or grade 10.

PHYSICAL EDUCATION Course #5310 - Grade 9 (1 Semester - .5 Credit)

Freshman (grade 9) Physical Education class offers students an opportunity to participate in a variety of team and individual sports, aquatics, fitness, and lifetime recreation activities. Students will learn new skills and increase their knowledge of team strategy and concepts. Aquatics will be introduced, emphasizing water safety and stroke work. Some water games may also be introduced. This class will encourage students to find a personal fitness activity and continue to participate in that activity throughout the year.

TOTAL FITNESS PHYSICAL EDUCATION Course #5315 - Grade 9 (1 Semester - .5 Credit)

This advanced freshman physical education class will provide a comprehensive program that will apply basic principles in kinesiology, anatomy, and nutrition. In addition, the students will learn basic principles of strength, cardiovascular and general fitness training. Students will also have a unit on swimming, with an emphasis on swim mechanics, water fitness, and water games. Students interested in a health-related career pathway or whose abilities in physical fitness are such that they welcome intensive physical training will benefit from participation in this course.

PHYSICAL EDUCATION Course #5320 - Grade 10 (1 Semester - .5 Credit)

This course offers sophomore (grade 10) students an opportunity to participate in a variety of activities with an emphasis on weight training, aerobic fitness, badminton, volleyball, American Red Cross *GuardStart* (lifeguard skills), and water games. Students will continue to learn more advanced team strategies, team rules, individual and team skills, and knowledge of safety in the weight room and swimming pool. Other activities may be included at the discretion of the instructor, interests of students, and availability of facilities. This class encourages students to participate in physical activity throughout the year by choosing an activity of personal interest.

SPEED SPECIFIC TOTAL FITNESS PHYSICAL EDUCATION Course #5325 - Grade 10 (1 Semester - .5 Credit)

This advanced sophomore physical education class is a comprehensive program that allows students to build on the basic principles learned during the 9th grade Physical Education program on topics pertaining to kinesiology, anatomy, and nutrition. Students will also have a unit on swimming with an emphasis on community water safety, water fitness, and water games. In addition, the students will advance their knowledge on the principles of fitness training. Health education will also be taught with topics to include sexual reproduction, harassment and technology, sexually transmitted diseases, and shaken baby syndrome.

Students interested in a health-related career pathway or whose abilities in physical fitness are such that they welcome intensive physical training and an increased knowledge of health-related topics will benefit from this course

INDOOR ACTIVITIES Course # 5330 - Grades 11, 12 (1 Semester - .5 Credit) Prerequisite: Successful completion of 1.0 credits of physical education

The Indoor Activities class offers students physical activity through involvement in swimming, water polo, badminton, volleyball, team handball, and basketball. Strength training will be scheduled throughout the semester to help increase overall muscular strength and endurance, and to increase knowledge of lifts. Other activities may be included based on the availability of facilities. Class emphasis will be on increasing individual and team skills and encouraging physical fitness through sports.

MULTI-CULTURAL/INTERNATIONAL ACTIVITIES Course #5345 - Grades 11, 12 (1 Semester - .5 Credit)

Prerequisite: Successful completion of 1.0 credits of Physical Education

This course offers students an opportunity to study, learn, and participate in multi-cultural activities from around the world. Activities may include rugby, lacrosse, cricket, bukka, squash, tennis, bocce ball, team handball, and field hockey. Students will be required to wear safety equipment for some activities. Other international activities may be included based on the availability of equipment and facilities. Class emphasis will be on participating in new games, learning about new cultures, and gaining an appreciation of the diverse world.

LIFEGUARD TRAINING Course #5360 - Grades 11, 12 (1 Semester - .5 Credit) Prerequisites: 1.0 credits of Physical Education

Lifeguard Training offers students the opportunity to become a certified lifeguard and certifies students in Cardiopulmonary Resuscitation for the Professional Rescuer, AED (automated External Defibrillators), and in Community First Aid and Safety, all of which are required for lifeguard certification. All students must be able to pass the swimming pretests which requires students to swim 300 yards non-stop using breaststroke and freestyle, diving, brick retrieval, and swim and tread water for two minutes without the use of arms. (Fee is charged for the purchase of manuals, a pocket mask, a whistle, a lanyard, and the American Red Cross Certification.

OUTDOOR ACTIVITIES Course #5340 - Grades 11, 12 (1 Semester - .5 Credit) Prerequisite: Successful completion of a 1.0 credit of Physical Education

With this course, students are offered an opportunity to enjoy physical activity through a variety of outdoor sports and winter activities that may include: Football; speedball, soccer; tennis; golf; slow pitch softball; broomball; hiking; ice skating; snowshoeing; cross-country skiing; and, additional winter activities based on the availability of equipment, facilities, and weather. A downhill skiing field trip may be also be planned. Class emphasis will be on increasing individual and team skills, exploring a variety of game strategies, encouraging physical fitness through sport, and encouraging participation in lifetime activities. Students will be required to dress appropriately for the weather and to participate in snow activities. (Fee charged for some activities)

OUTDOOR ADVENTURE Course #5335 - Grades 11, 12 (1 Semester - .5 Credit) Prerequisite: Successful completion of 1.0 credit of Physical Education

This course offers students an opportunity to study, learn, and participate in a variety of lifetime outdoor recreational activities geared toward living in beautiful Northern Wisconsin. Activities may include hiking, biking, use of the District's outdoor classroom ropes course, camping, canoeing, kayaking, outdoor survival

skills, orienteering, and outdoor winter activities. Students will be required to dress appropriately for the weather and to participate in snow activities. Emphasis will be placed on experiencing these units in a safe and positive environment; both as an individual and with peers. (Fee charged for some activities)

TOTAL FITNESS TRAINING Course #5350 - Grades 11, 12 (1 Semester - .5 Credit) Prerequisite: Successful completion of 1.0 credit of Physical Education

Total Fitness Training provides students with an extended opportunity for practical physical application of the fundamentals of weight training, and an opportunity to become physically fit through a variety of aerobic activities. This class will (cognitively) reinforce and expand knowledge of safe, efficient, and effective techniques and strategies of weight training and aerobic conditioning, improve physical appearance, develop increased potential for physical performance, and decrease the likelihood of injury. It will effectively create confidence and aspiration, and establish positive lifelong habits that will result in living a longer, happier, and more productive life. All of these goals will be reinforced through confidential pre- and post-testing of body weight, body composition, and upper body and lower body strength levels; some personalization may be used or needed for each student.

SCIENCE

Three (3) credits of Science are required for graduation

The following course sequence options are recommended for Science:

- | | | |
|---------------------|----|--|
| 1. Physical Science | | 1. Physical Science |
| 2. Biology | OR | 2. Biology |
| 3. Chemistry | | 3. Earth and Environmental Science Systems |

The Science Department has created agreements with Nicolet Area Technical College to offer Wisconsin Technical College credit along with high school credit in some of its courses. Students that take and complete a course at a required standard can receive both high school and Nicolet Area Technical College credit.

SCIENCE DUAL CREDIT COURSE

<u>RHS Course</u>	<u>RHS Credit</u>	=	<u>Nicolet College Course</u>	<u>Nicolet College Credit</u>
Human Anatomy & Physiology b	0.5		Human Anatomy & Physiology	4

EARTH & SPACE SCIENCE a/b Course #3320/3325 - Grade 9 (2 Semesters - .5 Credit Per Semester)

Earth and Space Science is a one year 9th grade course which offers insight into the environment on earth and the earth's environment in space. While presenting the concepts and principles essential to students' understanding of the dynamics and history of the earth, these courses usually explore oceanography, geology, astronomy, meteorology, and geography.

This is the first science class for students in a beginning math class, the second science would be Physical Science (10th grade) and Biology (11th grade) and senior elective science if wanted would be Chemistry or Earth and Environmental Systems.

PHYSICAL SCIENCE a/b Course #3110/3115 - Grade 9 (2 Semesters - .5 Credit Per Semester)

This course is required for graduation and is the recommended course for 9th grade students. It offers an introduction to the physical sciences of chemistry and physics. From the chemistry standpoint, the student learns about the atom and its composition, the bonds that hold compounds together and the types of reactions

that chemicals can undergo. From the physics standpoint, students are introduced to motion and force (Fee is charged)

BIOLOGY a/b Course #3210/3215 - Grade 10 (2 Semesters - .5 Credit Per Semester) Prerequisite: Physical Science a/b

This course is required for graduation and is the recommended course for 10th graders. The first semester involves topics including scientific method, tools of science, cell structure and function, cell energy, cell energy, the molecular basis of heredity, biological evolution, and classification. The second semester focuses on the study of plants, animals, ecosystems, and human body (Fee is charged)

EARTH AND ENVIRONMENTAL SCIENCE SYSTEMS a/b Course #3310/3315 - Grades 11, 12 (2 Semesters - .5 Credit Per Semester) Prerequisite: Physical Science a/b and Biology a/b

This course covers all aspects of earth and planetary sciences, and broadly encompasses solid earth processes, surface and atmospheric dynamics, earth system history, weather, climate and climate change, marine and freshwater systems, and ecology. It also considers the interactions between humans and these systems. Students will complete field and lab studies and projects; building upon their previous courses of physical and biological sciences. (Lab fee is charged)

CHEMISTRY a/b Course #3330/3335 - Grades 10, 11, 12 (2 Semesters - .5 Credit Per Semester) Prerequisite: Physical Science a/b

Chemistry investigates matter and the changes that it undergoes. Topics include: Atomic structure; formula and equation writing; bonding; solutions, periodic trends; kinetic-molecular theory; acid-base theory; and, the interrelations and impact of chemistry on society. Theories that are presented focus on the behavior of atoms, ions, and molecules. Students will be expected to develop the ability to express theories both verbally and mathematically. (Fee is charged)

HUMAN ANATOMY AND PHYSIOLOGY a/b (D) Course #3440/3445 - Grades 11, 12 (2 Semesters - .5 Credit Per Semester) Prerequisite: Biology a/b with a grade of "B" or better, or instructor permission and Chemistry a/b is required) (*Dual Course - Human Anatomy and Physiology*)

First semester involves studying cells, tissues, skin, skeletal, muscular, nervous, and endocrine systems. Students will also construct models, carry out experiments and dissections related to body systems. Second semester students will be studying the cardiovascular, lymphatic, respiratory, digestive, urinary, and reproductive systems. An overall grade of "B" or better, both semesters will be afforded dual credit. (Fee is charged)

AP BIOLOGY a/b Course #3420/3425 - Grades 11, 12 (2 Semesters - .5 Credit Per Semester) (U) (AP)) Prerequisite: Biology a/b and Chemistry a/b with a grade of "B" or better, or instructor consent)

This course continues the study of the basic principles and concepts addressed in biology 2. Semester 1 stresses the cell and its processes at the molecular level. Semester 2 stresses genetics, evolution, and the study of plant and animal systems. This course will assist students preparing to take the Spring AP biology test. (Fee is charged)

AP CHEMISTRY a/b Course #3430/3435 - Grades 11, 12 (2 Semesters - .5 Credit Per Semester) Prerequisite: Chemistry a/b with a grade of "B" or better, Algebra 2 with a grade of "C" or better, or consent of instructor)

The content of this course takes over where the general chemistry leaves off. Kinetics, Solutions, Gas Laws, Chemical Equilibrium, Electrochemistry, Thermochemistry and Acid/Base chemistry are covered. It is the second year of a two-year sequence equivalent to a full year of college chemistry and gives the student enough material to enable them to take the May AP exam given in the spring. (Fee is charged)

PHYSICS a/b Course #3340/3345 - Grades 11, 12 (2 Semesters - .5 Credit Per Semester) (U)

Prerequisite: Algebra 2 a/b with a grade of “B” or better, or consent of Physical Science instructor)

This course is the study of interactions of matter and energy. Students are introduced to fundamental concepts in the areas of mechanics (which will include one dimensional and two dimensional motion, forces, momentum, work and energy), and optics (light and sound). The acquisition of information is by using the senses and instrumentation. Student investigations emphasize accurate observations, collection of data, analysis of data, and the safe manipulation of laboratory apparatus and materials. (Fee is charged)

SOCIAL STUDIES

Three (3) credits of Social Studies are required for graduation. The credits include: One (1) credit of Humanities Global Studies a/b; one (1) credit of U.S. History a/b or one (1) credit of AP U.S. History a/b

HUMANITIES GLOBAL STUDIES a/b Course #4120/4125 - Grade 9 (2 Semesters - .5 Credit Per Semester)

This course must be taken in conjunction with Humanities English Survey 1 a/b

The humanities course is designed to be an integrated study of history and literature to examine modern global themes such as inequality, truth, and justice. This thematic approach has students meld the literature from Humanities English with the history from Humanities Global Studies with an emphasis on understanding the major issues of today. The writing emphasis in this course will be helpful for future courses

U.S. HISTORY SURVEY a/b Course #4210/4220 - Grades 10, 11, 12 (2 Semesters - .5 Credit Per Semester)

(Note: U.S. History Survey a/b or AP U.S. History fulfills the requirement for graduation.)

U.S. History Survey studies the development of the democratic process from the American Revolution to the present. In each unit students analyze and interpret primary and secondary sources and evaluate their relevance to the time period in which they were written. Students will look at historical events from multiple viewpoints, developing an understanding of the diversity, tolerance and intolerance that exists in our history. The course will strive to have all students recognize the value of our common experience and the importance of civic responsibility. Throughout both semesters students practice what it is like to “think like a historian,” including the development and completion of an in-depth historical research project. The project follows the guidelines of the National History Day competition. Semester one topics include: Revolution, Expansion, Civil War, Reconstruction and Progressive Era. Semester two topics include: World Wars I and II, Prosperity and Depression, Cold War, and Social Change.

COMPARATIVE RELIGIONS Course #4330 - Grades 10, 11, 12 (1 Semester - .5 Credit)

This course surveys the five major religions of Hinduism, Buddhism, Judaism, Christianity and Islam. An introductory unit exposes students to the Nine Dimensions of Religion using Indigenous Faiths of South America, Australia, and North America. Since the focal point of the course is comparison, students will analyze and compare the following in each faith: origins, festivals/calendars, views on morality and afterlife, concepts on nature and deity, prophets and founders, rituals, venerated literature, art and music, and sacred symbols/objects.

CONTEMPORARY GLOBAL ISSUES Course #4410 - Grades 11, 12 (1 Semester - .5 Credit)

Contemporary Global Issues focuses on the United States and its relationship with the rest of the world. Though time will be spent on the history of global interaction, special emphasis will be given to current international issues and global interdependence. Potential topics include a comparison of political and economic systems, the United Nations, world trade, environmental issues, human rights, and global conflict and resolution. This class will be research and discussion based.

DEMOCRACY Course #4310 - Grades 11, 12 (1 Semester - .5 Credit)

In this class, students are introduced to the framework of American government and the decision-making process, including key political concepts, ideas, institutions, policies, interactions, roles and behaviors that characterize the constitutional system and political culture of the United States. Students examine current social, economic, and political concerns such as poverty, sexism, crime, pollution, budget and trade deficits, and world affairs. The course will strive to have all students recognize the value of our common experience and the importance of civic responsibility.

ECONOMICS Course #4410 - Grades 11, 12 (1 Semester - .5 Credit)

Economics expands upon the fundamental economic concepts introduced in Global Studies a/b and U.S. History a/b. Students are introduced to basic economic principles and alternative economic systems. They learn about business organizations, market structures, the labor market, money and banking, saving and investing, monetary and fiscal policy, international trade, and the growing interdependence of global economy. Various economic policy alternatives are discussed and debated. Note: This class satisfies the State Graduation Requirement for personal finance.

PSYCHOLOGY Course #4320 - Grades 11, 12 (1 Semester - .5 Credit)

In this course, students may learn to answer some of the questions they have about themselves and other people. The theories of leading psychologists are discussed in conjunction with units on learning and cognitive processes, the working of mind and body, lifespan, personality and individuality, and adjustment and breakdown of human relationships.

SOCIOLOGY Course #4325 - Grades 11, 12 (1 Semester - .5 Credit)

This course examines the interactions among individuals, groups and institutions, explores the factors that influence individual identity and learning, and analyzes the impact of these concepts on not only themselves, but also cultures of the past and present. Topics include: history of sociology, culture, socialization, groups, deviance, and social stratification/inequality. Students complete a group research project in which they prove or disprove a self-generated hypothesis.

WISCONSIN STUDIES Course #4315 - Grades 11, 12 (1 Semester - .5 Credit)

This course takes a wide look at the people, history and current activities of our home state. Concepts from several other social studies courses are applied in this class by taking a closer look at the place we call home. Examining current events in the state is a key component of the course, so many lessons shift from year to year. Units will explore the physical landscapes and waterways, key political and legal events in our state, tourism, recreation, hobbies and culture. Students will study our state's diversity while gaining a greater understanding of what connects all Wisconsinites. From cows to mining to hunting & fishing to concerts and big business, from logging roads to interstate highways, from trout streams to the Great Lakes we will take a closer look at it all.

AP U.S. HISTORY a/b Course #4340/4345 - Grades 11, 12 (2 Semesters 0- .5 credit per semester) (U) (AP)

Prerequisite: Global Studies a/b or Humanities Global Studies a/b (*NOTE: This course fills the requirement for graduation.*)

Designed to prepare students for May's Advanced Placement United States History, this college-level course focuses on the political, social, economic, and cultural development of our nation. Historical thinking and writing skills of interpretation, comparison, contextualization, causation, historical argumentation,

periodization, and synthesis will be developed using both primary and secondary sources. First semester topics include a study of First Peoples, exploration, Colonial America, the Revolutionary War, challenges to early Constitutionalism, Antebellum Reform, Jacksonian Democracy, Westward Expansion, the Civil War and Reconstruction. Second semester combines the first semester topics and skills with a primary emphasis on the events of the twentieth century. It includes a study of the Industrial Age and the roots of Progressivism, the rise of the United States to world power, world war, and international relations in the post-war era. Civil rights issues, environmental concerns, and domestic and foreign policy alternatives are discussed.

AP EUROPEAN HISTORY a/b Course #4230/4235 - Grades 10, 11, 12 (2 Semesters - 1.0 Credit) (U) (AP)

This college-level course offers an in-depth study of the development and influence of European history from approximately 1450 to the present, while preparing them for May's Advanced Placement European History exam. Topics will include the Renaissance, the Reformation and Counter Reformation, religious wars of Europe, state building, absolutism, Science and the Enlightenment, the French Revolution, Industrial Revolution, Reaction and Revolution in the early 19th Century, state-building and crisis in Europe, Imperialism, World War I and the Russian Revolution, the rise of dictatorships and World War II, the Cold War, the collapse of the USSR, and global challenges since 1991. Each period studied addresses the themes of intellectual, social, and economic history while drawing from primary and secondary sources to supplement the textbook. The process of historical analysis writing stressed as well throughout the course.

AP U.S. GOVERNMENT AND POLITICS Course #4425 - Grades 11, 12 (1 Semester - .5 Credit) (U) (AP)

Prerequisite: Global Studies a/b or Humanities Global Studies a/b

This course is a college-level introduction to key political concepts, ideas, institutions, policies, interactions, roles and behaviors that characterize the constitutional system and political culture of the United States. Students will read and analyze U.S. foundational documents, Supreme Court decisions, and other texts and visuals to gain an understanding of the relationships and interactions between political institutions and behavior. They will read and interpret data, develop evidence-based arguments, and engage in applied civics or politics research-based projects. The course will strive to have all students recognize the value of our common experience and the importance of civic responsibility. The course will prepare students for the May Advanced Placement U.S. Government and Politics exam.

GREEK AND ROMAN HISTORY Course #4415 - Grades 11, 12 (1 Semester - .5 Credit) (U)

Greek and Roman History is a study of the "classic" ancient civilizations. Emphasis is placed on the historical transition of power through Egypt, the Near East, classical Greece, and Rome. The purpose of this course is to study the foundations of western civilization and relate them to the modern world. Although mythology may be addressed, this is not a mythology class.

LEADERSHIP DEVELOPMENT Course #4430 - Grades 9, 10, 11, 12 (1 Semester - .5 Credit)

Leadership Development is a course where students learn the character traits of a leader and how to lead effectively. Through the course units including preparation, vision, character, goals, and influence, students will possess the tools to make quality decisions and understand the role of a leader in their communities. This course will provide multiple forms of academic skills while also providing students opportunities to apply leadership skills in the school and community.

SPECIAL EDUCATION

STUDY SKILLS Course #7001/7002 - Grades 9, 10, 11, 12 (.5 Elective Credit)

Study Skills is designed to support students in completing regular education classroom work in all subjects. Study and review skills are also reinforced. Students will be graded on regular education work completed daily, as well as weekly study skills work. (by recommendation of IEP team or Case manager only)

TECHNOLOGY, ENGINEERING AND MANUFACTURING

The Technology, Engineering, and Manufacturing Department has created agreements with Nicolet Area Technical College to offer Wisconsin Technical College credit along with high school credit in some of its courses. Students enrolling in and completing the course at a required standard can receive both high school and technical college credit.

TECHNOLOGY, ENGINEERING AND MANUFACTURING DUAL CREDIT COURSES

<u>RHS Course</u>	<u>RHS Credit</u>		<u>Nicolet College Course</u>	<u>Nicolet College Credit</u>
Automotive Systems	0.5	=	Automotive Service Orientation	3
Welding Technology	0.5	=	Shielded Metal Arc Welding	3

ENGINEERING MATERIALS Course #6500 - Grades 9, 10, 11, 12 (1 Semester - .5 Credit)

This is an exploratory course designed to familiarize the student with the proper procedures in the operation, care, and safe usage of lab equipment, along with an introduction to manufacturing equipment in wood and metal technology. The use of wood, plastic, metals, and other materials is introduced to help students understand technology's role in preparing a product. This course is recommended for freshmen and sophomore students so that advanced courses will be open to them in their junior and senior year. (Fee is charged)

ARCHITECTURAL CAD DESIGN 1 Course #6710 - Grades 9, 10, 11, 12 (1 Semester - .5 Credit)

This course is designed to allow students to explore the design and layout of residential structure, as well as the creation and use of CAD (computer-aided drafting) drawings in home design and construction. Drawings and related projects are assigned in area planning for homes, cost analysis, floor plan design, foundations, roof styles, section views, elevations, perspective renderings, and land descriptions. Related career opportunities are also explored. The basics of CAD will be reinforced in this class using the 'Chief Architect' software packages. (Fee is charged)

ARCHITECTURAL CAD DESIGN 2 Course #6715 - Grades 9, 10, 11, 12 (1 Semester - .5 Credit)

This course is designed to allow the student to learn about more advanced architectural design, as well as residential building technology. CAD drawing subjects will include building planning, floor plan design, pictorial drawings, sectional plans, framing plans, electrical plans, climate control systems, and basic plumbing diagrams. Alternate energy sources for housing are explored and evaluated. Architectural design problems will be created, modeled, analyzed and communicated using CAD software, and 'Chief Architect' software. Complete sets of drawings and plans will be assembled into an electronic portfolio and presented to the class. The course also includes units on careers in architecture, as well as frequent trips to *Residential Construction* project house to view the application of architectural design elements to an actual residential structure. (Fee is charged)

ARCHITECTURAL CAD DESIGN 3 Course #6720 - Grades 11, 12 (1 Semester - .5 Credit)

Prerequisites Architectural CAD Design 2 (*Note: It is recommended that this course be taken in 12th grade while taking Residential Construction.*)

Students will design, model and develop a complete set of plans for a residential structure using 'Chief Architect' software. Students will then complete a physical 3-D scale model using balsa wood, foam core board, and other materials, and present their entire project to a group of their peers. This course also includes units on careers in architecture, as well as frequent field trips to *Residential Construction's* project house to view the application of architectural design elements to an actual residential structure. (Fee is charged)

AUTOMOTIVE SYSTEMS Course #6620 - Grades 10, 11, 12 (1 Semester - .5 Credit)

Prerequisite: Power Mechanics

Automotive Systems is a consumer-oriented course designed to teach the basic concepts of automotive technology. In this course, the students will be exposed to basic concepts of design, service, maintenance, and repair of automobiles, with a focus on entry level service operations and procedures. This course will provide a foundation for continued study of automotive technology. Students are asked to have a valid driver's license, proof of insurance, and a vehicle for use during lab activities.

AUTO & HOME MAINTENANCE Course #6610 - Grades 11, 12 (1 Semester - .5 Credit)

Prerequisites: None

Auto and home maintenance is a comprehensive consumer-oriented course for those students who want to learn skills and information related to basic home and vehicle maintenance. Basic maintenance such as drywalling, insulating, fasteners, plumbing and electrical are emphasized. The class is graded approximately 50% lab and 50% classroom. As part of the auto side, it is recommended that students have a car to work on and a valid driver's license. Students who have had Autos, Light Construction, or Residential Construction do not qualify for the course. (Fee is charged)

DIGITAL ELECTRONICS Course #6810 - Grades 10, 11, 12 (1 Semester - .5 Credit)

Prerequisites: Introduction To Electronics

This course will provide students with an opportunity to study binary code, gates and theories used in electronic control systems, and basic operation of a microprocessor. Students will build and work with circuits to reinforce learning in the area of logic circuits, robotics, flip-flops, counters, and control circuits. Students will also have an opportunity to work with arduino programming as part of the course. (Fee is charged)

DREAM IT, DESIGN IT, CREATE IT Course #6725 - Grades 9, 10, 11, 12 (1 Semester - .5 Credit)

If you can dream it, you can build it in the Hodag Fab Lab. This course provides a hands-on introduction to the resources for designing and fabricating almost anything in the newly equipped Hodag Fab Lab. Vinyl graphics and stickers, t-shirts, CNC machining, 3-D printing, laser cutting; metal art and photo lasering are all a part of this exciting class. This course puts emphasis on learning how to use the tools as well as understand how they work, the engineering design process, problem solving, and mechanical systems.

DREAM IT, DESIGN IT, CREATE IT 2: Course #6730 Grades 11, 12 (1 semester- 1.0 credit)

Prerequisites: Dream it, Design it, Create It.

This second level Fab Lab course is designed as an opportunity to use the tools, knowledge, and experience gained in DI, DI, CI in order to help solve local problems. The student will work closely with local businesses and groups to problem solve, design, and create solutions to solve an identified need. Time outside of the normal school day may also be needed. Applications to participate in the class will be required and reviewed by a committee for final acceptance.

INTRODUCTION TO ELECTRONICS Course #6800 - Grades 9, 10, 11, 12 (1 Semester - .5 Credit)

This course is designed to give students a good foundation in the basic principles of electronics. Students will study electron behavior in direct current (DC) and alternating current (AC) circuits. Students will have the opportunity to build and experiment with many interesting circuits using components such as resistors,

capacitors, transistors, diodes, integrated circuits, etc. Students will also be able to construct at least one electronic project of their choice, which they can keep.

LIGHT CONSTRUCTION METHODS Course #6750 - Grade 10, 11 (1 Semester - .5 Credit)

This course provides an opportunity for students to learn and apply the basic knowledge and skills of the wide and varied field of the building trades industry. The course will give the students the opportunity to do actual construction work, as well as learn what experienced building trades people do. Students will be able to apply their knowledge and skills by constructing small buildings, such as tool sheds, playhouses, etc. The class is graded approximately 50% lab and 50% classroom. (Fee is charged)

MACHINE TOOL TECHNOLOGY 1 Course #6520 - Grades 10, 11, 12 (1 Semester - .5 Credit)

Prerequisite: Engineering Materials

In Machine Tool Technology, students will develop skills and knowledge in the operation of the lathe, milling machines (manual and CNC), surface grinder, measuring instruments (calipers and micrometers), and blueprint reading. (Fee is charged)

MACHINE TOOL TECHNOLOGY 2 Course #6525 - Grades 10, 11, 12 (1 Semester - .5 Credit)

Prerequisite: Machine Tool Technology 1

This course will allow students to work with advanced machine and tool processes, as well as advanced lathe and milling tool operations. Students will design and complete advanced machine projects. (Fee is charged)

SOLIDWORKS MECHANICAL CAD DESIGN Course #6700 - Grades 9, 10, 11, 12 (1 Semester - .5 Credit)

This course is designed to introduce students to a Mechanical CAD (Computer Aided Drafting) Program that will allow the student to acquire skills and knowledge to sketch, design, and manufacture mechanical parts. CAD is a valuable skill to anyone, especially those considering a career in an engineering related field. Students will use the tools in The Hodag Fab Lab to create and print mechanical systems and parts that they have designed in the CAD program (Solidworks). Mechanical design related career opportunities are also explored. This course will give students the opportunity to design and create parts in the Fab Lab and have them in hand. After completing this class you will be prepared to take the Certified SOLIDWORKS Associate test and earn a valuable certificate in a much desired field.

METAL PROCESSES Course #66515 - Grades 9, 10, 11, 12 (1 Semester - .5 Credit)

Prerequisite: Engineering Materials

Metal Processes is designed for the students to develop an interest in the metal-working field; exploring areas of sawing, filing, bending, and decorating. Metal processes, including fabrication, CNC plasma torch use and design, fitting, and joining, will be covered in this course. (Fee is charged)

POWER MECHANICS Course #6600 - Grades 9, 10, 11, 12 (1 Semester - .5 Credit)

Power Mechanics is an introductory course in the small engines and auto mechanics area. It involves an introduction to the principles of operation of four-stroke cycle engines, with an emphasis on basic systems and parts. The students will need an aluminum frame four-stroke engine (i.e. Briggs and Stratton lawn mower engine) less than five (5) horsepower is preferred, which will be rebuilt during the class. Students will be required to provide rebuild parts as needed. (Fee is charged)

RESIDENTIAL CONSTRUCTION a/b Course #6750/6765 - Grade 12 (2 Semesters - .5 Credit Per Semester)

Prerequisite: Light Construction Methods, with a final grade of "B" or better (NOTE: Students must take this class for both semesters. Students are admitted to this course by application and through a selection process by instructor approval only. The Light Construction Methods course instructor will provide the Residential

Construction application to students after they have completed the Light Construction Methods course and have earned a grade of "B" or better in that course)

Residential Construction a/b is designed for grade 11 or 12 students who have expressed an interest in and an aptitude for entry into the many fields of the building trades/construction industry. The course will introduce students to the many skills and potential careers associated with residential home and/or other large construction projects. Students have the opportunity to construct a residential or other large structure during this course. Students will be required to pay for safety shoes and other required supplies.

WELDING TECHNOLOGY (D) Course #6530 - Grades 10, 11, 12 (1 Semester - .5 Credit)

Prerequisite: Engineering Materials (*Dual Course - Shielded Metal Arc Welding*)

This is an introductory welding course that will help the student become skillful in Shielded Metal Arc Welding (AC-DC), plasma arc cutting, and oxy-fuel cutting. Students will learn to read welding prints, control rod feed, weld simple joints, and prepare metal for fabrication. At the end of the course students will be able to read a plan and complete a welding fabrication project. Nicolet Area Technical College offers dual credit for students who choose to sign up and take college classes while in high school. Students can work towards a welding degree while taking high school classes at RHS. (Lab Fee is charged)

ADVANCED WELDING AND FABRICATION Course #6535 - Grades 10, 11, 12 (1 Semester - .5 Credit)

Prerequisite: Welding Technology

This is an advanced welding fabrication class that will build upon student knowledge gained in Welding Technology. This class will go more in-depth into gas metal arc welding (GMAW), Gas Tungsten Arc welding (GTAW), and the aspects of fabrication. Students will weld different joints in multiple positions, continue learning to read welding drawings, and apply all of their skills to weld parts and fabricate projects similar to what would be experienced in local welding manufacturing industry. Student have to opportunity to fabricate a personal project during the end of the semester.

WOODS TECHNOLOGY 1 Course #6505 - Grades 9, 10, 11, 12 (1 Semester - .5 Credit)

Prerequisite: Engineering Materials

This introductory level course applies modern technology to the efficient processing of our important renewable resource, wood. Students will explore careers and examine new techniques and methods, while safely constructing a project. Students have an opportunity to program and operate our Wood CNC Router. (Fee is charged)

WOODS TECHNOLOGY 2 Course #6510 - Grades 10, 11, 12 (1 Semester - .5 Credit)

Prerequisite: Woods Technology 1

This intermediate level course is designed to further enhance the level of skill development in Woods Technology 1. Students will concentrate on developing safe work habits focusing primarily on portable and stationary power equipment while constructing an intermediate-level woods project. (Fee is charged)