

Course Description Book

Winnebago High School



2020-2021

Winnebago High School Mission Statement

Winnebago High School, through shared commitment by students, staff, parents, and community, will provide opportunities and encouragement for students to acquire skills, knowledge and a sense of responsibility that will help prepare them for their roles in society.

This handbook has been prepared to assist students and parents in making informed decisions regarding course choices - both for graduation requirements and for future plans. This handbook will serve as an important guide and will provide information that will be relevant throughout the 2020-2021 school year. Certainly each section cannot be all-encompassing because of space; however, if you wish additional information about a particular course offering, please feel free to contact the administration, academic advisor, or the respective department. Each will be more than happy to assist you.

We encourage students to plan their course schedule for their entire high school duration and carefully revise that plan each year. Each student is expected to be aware of graduation requirements and his/her progress toward those requirements. Students are urged to check with the Academic Advising department to be sure they are completing the necessary requirements and earning the appropriate number of credits for graduation and for future endeavors.

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GRADUATION REQUIREMENTS

The Board of Education of Winnebago Community District #323 and the State of Illinois have established certain requirements that must be met in order to earn a diploma from Winnebago High School. The following requirements must be successfully completed before a student will be awarded his/her diploma. **Only students who meet all graduation requirements will be allowed to participate in the graduation ceremony.**

Diploma Requirements: academic credits include P. E. and specific courses as listed below:

27 Credits Total:

4 credits of English

3 credits of Science

3 credits of Mathematics

- 1 credit Algebra I
- 1 credit from a class with geometry content

2 credits of Social Studies

- 1 credit of U.S. History
- ½ credit of American Government
- ½ credit of Political Issues
- Successful completion of Illinois and United States Constitution Tests
(Constitution tests are given as part of the American Government course)

½ credit Health

½ credit Career Education

½ credit Consumer Economics

2 credits from Art, Music, Foreign Language, and/or Vocational Education

Physical Education is required by WHS and the State of Illinois. Students must take P.E. each year. Students may earn up to 3 ½ credits in P.E. for graduation purposes.

Health replaces/counts for one (1) semester of P.E.

Driver Education may replace (1) semester of P.E. if taken at WHS.

Semester grades will include all work done during the semester plus the grade earned on a final exam. Academic credit is issued according to semester grades. A student earns one-half (1/2) credit per semester for each academic course successfully completed. Successful completion is indicated when the student earns a semester grade of “D” or better. Students taking a yearlong class will also earn one-half (1/2) credit per semester. Yearlong grades are not issued. Driver Education and Study Hall are not counted as academic credit.

If a student does not achieve a passing grade in any of the courses specifically required for graduation (as listed above), the student must repeat a required course until a passing grade is achieved. If a student does not achieve a passing grade in an elective course, the course may or may not be repeated depending upon the student’s specific circumstance. Numerous failing grades—whether required or elective courses—will jeopardize the student’s ability to earn the required 27 academic credits in four school years and may make summer school, outside courses, or extra semesters of attendance necessary.

The state of Illinois requires four years of English in order to earn a high school diploma. Winnebago School Board policy does not allow students who fail English to enroll in the next level of English without successfully completing the previous level. Students who fail English must complete summer school or online courses.

The full-time load for students is a minimum of seven (7) academic courses plus one study hall or a maximum of eight (8) academic classes. This allows students the opportunity to earn at least 7 credits per year and stay on course with a four-year graduation plan. Students may not choose more than one study hall/non-credit option per day.

Please consult with an Academic Advisor by contacting the Academic Office at the high school with any questions regarding credits, graduation requirements, and a student's specific progress toward meeting the requirements.

SUMMARY OF REQUIRED COURSE DISTRIBUTION

The required coursework is scheduled during the grade level listed below.

<u>Grade 9</u>	<u>Grade 10</u>	<u>Grade 11</u>	<u>Grade 12</u>
English	English	English	English
Math	Math	Math	Political Issues/Consumer Economics
Science	Science	Science	PE
PE/Health or	Driver Ed/PE or	US History	
Driver Ed/Health	PE/PE	PE	
	Career Ed/Am Govt		

GRADE LEVEL CLASSIFICATION

Grade level classification is determined by the number of credits a student has earned. Each semester students must be enrolled in a minimum of seven (7) academic subjects in order to be eligible to be classified at the next grade level. The following guidelines will be used for classification.

27 credits needed to graduate

Freshman	earned less than 6 ½ credits and 1 st year of attendance
Sophomore	earned 6 ½ or more credits and at least 3 rd semester of attendance
Junior	earned 13 or more credits and at least 5 th semester of attendance
Senior	earned 20 or more credits and at least 7 th semester of attendance
	Earned 19 credits and enrolled in a full load (8 credits potential) and at least 7 th semester of attendance

Grade level classification determines a student's right to participate in class activities (i.e. Homecoming, Prom, etc.) and is a warning that a student may not be able to complete graduation requirements within the usual four (4) year time span. **Please contact an Academic Advisor to determine the exact status of a specific student.**

COURSE SELECTION

Each spring students have access to a Course Description Book that details the course offerings for the next school year at www.winnebagoschools.org. Academic Advisors will present information regarding required courses and electives during grade-level specific classroom presentations and will hand out all registration materials. The registration form includes a line for a parent/guardian signature. Students will be given a specific date that the registration forms are due to the Academic Advising Office. On the registration form due date, an Academic Advisor will meet with each student briefly to answer specific questions regarding credits and course choices. However, students and parents are encouraged to contact an Academic Advisor at any time during the school year with questions and concerns.

Students are encouraged to plan their four-year high school experience carefully. Students should all be aware of the graduation requirements overall, the plan for fulfilling those requirements, and their own progress toward those requirements. Students may choose from a variety of electives that fit their own personal goals as they look beyond the high school diploma. Courses are available in many vocational and career areas. With careful planning and consideration of courses and programs available, students will find themselves able to prepare for skilled employment, to earn college credit, to earn certification in career areas, or to attend two or four year-colleges. Much can be accomplished in high school with the thoughtful use of electives and by completing planned sequences of coursework.

A four-year chart for classes is included in the Course Description Book (p. 17). Students are encouraged to complete this plan before choosing their first high school courses and to review it annually as their goals may change or become clearer. Students are encouraged to consult with an Academic Advisor regarding course choices and career choices.

Please note that courses that have fees are subject to change.

CAREER INFORMATION

Career exploration is a PROCESS, not a one-time event. Students are encouraged to make use of the resources available at the high school and in the surrounding community to assist them in their journey of career exploration.

All Winnebago High School students enroll in a Career Education class during their sophomore year for the opportunity to explore goals, interests, and requirements in regard to career choices.

Rock Valley College offers a list of contact organizations in apprenticeships for bricklayers, electricians, ironworkers, painters, plasterers/cement workers, sheet metal workers, and die/precision machinists. RVC offers a wide variety of programs that vary from certifications that might require just a few specialized courses to Associates degrees that can be done in two years. Associates degrees can be career oriented or applied for transfer to a four-year college/university.

Highland Community College in Freeport offers specific programs that RVC does not: Agricultural Production (AAS and Certificate), AgriBusiness Management (AAS), Auto Body (certificate), Cosmetology (Certificate), Medical Assistant (AAS), Practical Nursing (Certificate), Nail Technician (Certificate), Quick Books Professional (Certificate).

Three Helpful career exploration and planning websites:

The Illinois Student Assistance Commission (ISAC) is the governing body of financial aid in Illinois. These sites offer many excellent links.

www.mapping-your-future.org

www.collegezone.com

www.illinoismentor.com

The following sites are created and maintained by the Illinois Department of Employment Security.

www.ILWorkInfo.com

www.ides.state.il.us

COLLEGE/UNIVERSITY PREPARATION (Four-year Institutions)

Four-year colleges and universities have very specific criteria for admission. Each will publish its own specific criteria. Colleges/universities generally consider at least three (3) areas for admission:

1. Cumulative GPA.
2. Scores on the SAT or ACT college entrance exams. Most schools accept either score. See page13 in regards to testing information.
3. High School Coursework - (See *State Universities in Illinois – At a Glance* at www.iacac.org/state-universities-illinois/)

These are minimum recommendations. The more competitive a college/university is (the “tougher” it is to get into) the more likely it is to have higher than minimum requirements. The only way to be absolutely sure of admission criteria is to check the requirements for each individual school. Students who wish to open up as many opportunities for higher education as possible should complete as much coursework in the five core areas and should maintain as high a cumulative grade point average (GPA) as possible. Career/college search software and the Internet are also available at school and are excellent research tools. Academic Advisors are available to consult with students about college choices and admission requirements.

At various times during the school year, representatives from vocational/technical schools, colleges and the military branches will schedule visits at Winnebago High School. Juniors and seniors may sign up for these visits in the Academic Advising Office. These are group meetings held in the Academic Advising Office and will provide students with general overview information. Visits are posted outside the Academic Advising Office and are included in the daily announcements. In order for students to meet with the representatives students must: 1) sign up by 7:50 a.m. the morning of the visit; 2) have their passbook signed by an academic advising department staff member; and 3) must not be failing the class they are leaving for the visit. Due to limited space, the Academic Advising Office may cap the number of students meeting with representatives. Students may contact the Academic Advising Office for more information.

Some excellent college explorations websites are:

www.collegezone.com This site is created and maintained by the Illinois Student Assistance Commission. ISAC is the governing body of financial aid in Illinois. This site offers many excellent links.

www.petersons.com This site has links to most colleges and search engines for matching colleges and student criteria.

www.bigfuture.collegeboard.org This site has SAT college entrance exam information and college information/links.

www.act.org This site has ACT college entrance exam information and college information/links.

NCAA ELIGIBILITY CENTER

Any student who wishes to participate in college sports at the Division I or Division II level **MUST** register with and be certified by the NCAA Eligibility Center. The eligibility center certifies that student athletes meet the criteria for college entrance in regards to academic course standards and ACT/SAT test scores. Students may get complete information and register for the NCAA Eligibility Center at www.ncaa.org OR web1.ncaa.org/eligibilitycenter.

PROSPECTIVE STUDENT ATHLETES

What Do I Need To Do?

- **Grade 9 and 10**
 - Student takes academic college-preparatory courses, preferably one in each of the following areas: English, math, science, social studies and foreign language. The student should compare course selection against the list of NCAA-approved core courses.
- **Grade 11**
 - Student continues to take college preparatory courses in the areas listed above.
 - Student registers for the ACT or SAT, request test scores to be sent to the eligibility center (the code is "9999"). Using code 9999 will ensure the score is reported directly to the Eligibility Center.
 - Make sure you are still on course to meet core-course requirements (verify you have the correct number of core courses and that the core courses are on your high school's 48-H with the eligibility center).
 - After your junior year, have your high school academic advisor send a copy of your transcript. If you have attended any other high schools, make sure a transcript is sent to the eligibility center from each high school.
 - Student registers with the NCAA Eligibility Center and completes both the academic information and the amateurism questionnaire.
- **Grade 12**
 - Student continues to take college preparatory courses in English, math, science, social studies and foreign language.
 - When taking the ACT or SAT, request test scores to be sent to the eligibility center (the code is "9999").
 - Complete amateurism questionnaire and sign the final authorization signature online on or after April 1 if you are expecting to enroll in college in the fall semester. (If you are expecting to enroll for spring semester, sign the final authorization signature on or after October 1 of the year prior to enrollment.)
 - Have your high school academic advisor send a final transcript with proof of graduation to the eligibility center.

WINNEBAGO HIGH SCHOOL – NCAA ELIGIBILITY REQUIREMENT COMPARISON

<u>Winnebago High School Graduation Requirements</u>	<u>General College Preparatory Requirements (4-year)</u>	<u>NCAA Eligibility Division I Requirements</u> (16 Core Courses)	<u>NCAA Eligibility Division II Requirements</u> (16 Core Courses)
English: 4 years	English: 4 years	English: 4 years	English: 3 years
Math: 3 years 1 credit Algebra I 1 credit to include Geometry content	Math: 3 years Algebra I, Algebra II Geometry	Math: 3 years Algebra I or higher	Math: 2 years Algebra I or higher
Science: 3 years (all WHS science courses designated as "lab")	Science: 3 years	Science: 2 years Natural/physical sciences 1 year lab 1 additional year of English, Math, or Natural/Physical Science	Science: 2 years Natural/physical sciences 1 year lab 3 additional years of English, Math, or Natural/Physical Science
Social Studies: 2 years 1 year U.S. History 1 semester Am. Govt. 1 semester Political Issues	Social Studies: 3 years	Social Studies: 2 years	Social Studies: 2 years
Other: 1 semester Health 1 semester Career Ed 1 semester Consumer Econ 4 years P.E. 2 years from Art, Music, Vocational Ed., or Foreign Language***** ***** Foreign Language (Spanish) is the only WHS "Other" considered by NCAA Clearinghouse	Other: 2 years Recommend 2 years foreign language for the most competitive colleges. May accept 2 years art, music, or vocational ed	Other: 4 years Additional courses from any area above, or foreign language or nondoctrinal religion/philosophy	Other: 4 years Additional courses from any area above, or foreign language or nondoctrinal religion/philosophy

SCHEDULE CHANGE POLICY

Students and parents are asked to make careful and responsible choices in the course selection process in the spring and then to follow through with these selections at the beginning of the school year. The entire high school program—courses offered, staff hiring and assignments, teacher planning, material purchases, student schedules—is based upon course choices made by students during the initial scheduling process. Efficient school operation requires that students adhere to the courses they have requested. Much time and effort is spent to give students a schedule that meets their graduation requirements and also matches as closely as possible the course requests students have made. As WHS strives to honor those requests, students must also honor their choices.

Schedule changes can produce several undesirable effects:

1. Class size can be reduced to a point that it is no longer appropriate to offer a course.
2. Class size can be increased to a point that a good learning environment is no longer possible.
3. Teachers can neither plan nor begin effective instruction at the beginning of a semester.
4. Students miss valuable introductory material.

Schedule change requests should be initiated by making an appointment with an Academic Advisor. The advisors are available for appointments during the week before school starts in August and throughout the school year. Such an appointment does not insure that the change will be made. The following guidelines will apply.

Schedule changes may be permitted under the following circumstances. Students may only add a course or transfer between courses during the first three (3) school days of a semester. Students will not be allowed to enter any course after the first three (3) school days of a semester.

1. A student has failed a class that is a prerequisite for a course selected during registration.
2. A course is not in accordance with student ability—as determined by testing or teacher recommendation.
3. There is evidence of a coding or scheduling/computer error.
4. Unusual or unforeseen circumstances such as family hardship, illness, or other major reason may warrant a program change.
5. A student may have an overload of academic courses. (Students who do not already have a study hall may withdraw from one elective course without grade penalty up until ten (10) school days after the beginning of the semester.)
6. Administration may recommend a change or drop for behavior, achievement, or non-attendance situations.

Schedule changes will not be permitted under the following circumstances.

1. A student wishes to drop a course or program specifically selected during registration due to a change of mind.
2. A student wishes to switch to a different teacher.
3. A student wants to arrive at school late, leave early, or change a lunch or class time due to personal preference.
4. A student's employment hours conflict with the school schedule.

Any course changes that occur after the three-day deadline or after the 10-day drop must be recommended by the Administration. A student may receive a withdraw/fail and a semester grade of "WF" if the drop is after the approved timeline. Any change that creates a schedule below the minimum full-time load (seven (7) academic classes) must be recommended by the Administration.

CLASS REPEAT/RETAKE GRADE POLICY

If a student earns a failing grade in a class and repeats the class (in summer school, during another school year, or any outside source), both grades will appear on the permanent record/transcript. The passing grade does not replace the failing grade nor are the grades averaged together. Appropriate credit is issued for the passing grade. Grades for remedial coursework will not be included in a student's GPA.

CLASS AUDITING POLICY

An Audit is attending a course without receiving credit.

A student may only choose to audit a class they have already taken in order to review information that may assist a student in being successful and progress to a more advanced level. (Most audits occur in subjects such as math or foreign language, but are not limited to these courses.)

Students who audit a class will be expected to meet the same classroom requirements as students taking the class for a grade. A grade will be given for the class, but no credit will be received. The audited grade will not be included in the student's cumulative grade point average, however the grade will be counted towards the student's weekly eligibility.

An Academic Advisor and/or an Administrator must approve all audits. Students and their parent(s)/guardian(s) must also sign a Statement of Understanding that may be obtained from the Academic Advising Department.

EARLY GRADUATION

Four full years of attendance is the recommended time span for students to complete their education at Winnebago High School. Early graduation after seven (7) semesters of attendance is to be considered the exceptional situation. To qualify for early graduation, the following conditions must be met:

1. An application for approval to graduate early must be made through the Academic Advising Office before the last day of student attendance at the end of the applicant's sixth (6th) semester of attendance. This application and approval is done in order to assure that students have planned properly and will be able to meet all graduation requirements.
2. Written parent approval will be a part of the student's application for early graduation.
3. No more than 2 courses (1 credit) from an approved outside educational source will be accepted toward graduation requirements. All outside credits must be approved before enrollment in a program outside of Winnebago High School—not after the outside course is completed.
4. Summer school credits will be accepted for remedial (previously failed) courses only. Summer school sessions do not meet enough hours to satisfy credit requirements set forth by the state of Illinois but rather are considered extended or extra time spent on a subject already taken.
5. Diplomas will be awarded only at the end of the school year. Early graduates will have a January graduation date that can be verified by a letter from a Winnebago High School Administrator or Academic Advisor if necessary.
6. If for any reason all course and credit requirements for graduation have not been completed by the end of the seventh (7th) semester, the student must enroll as a full-time student for the eighth (8th) semester (a minimum of seven (7) academic courses).

RELEASE

Senior students may elect to take a release at the beginning or end of the school day. Release will take the place of a study hall. Senior students may not take both a release and a study hall. Only one release will be allowed. Additional requests for release time may be considered during the second semester of the senior year. See the Academic Advising office for information concerning that policy. If a student shows up on eligibility report three times in a semester, release may be revoked and study hall put in schedule. Students taking an athletic exemption from PE may not be granted release time during that hour.

GRADES

Written and/or oral evaluations are an expectation in each class. The final grade is a combination of homework assignments, quizzes, chapter or unit exams, semester exams, and individual effort. Parents will be notified by email as to when grades are updated throughout the semester. Parents are encouraged to check Infinite Campus for student's grades. Grades will only be printed at the end of fall semester and spring semester.

Semester grades will include all work done during the semester plus the grade earned on a final exam. Academic credit is issued according to semester grades. A student earns one-half (1/2) credit per semester for each academic course successfully completed. Successful completion is indicated when the student earns a semester grade of "D" or better. Students taking a yearlong class will also earn one-half (1/2) credit per semester. Yearlong grades are not issued. Driver Education, Office Aide, and Study Hall are not counted as academic credits.

GRADE POINT AVERAGE

Grade point average (GPA) is calculated using the following point system:

A = 4 points B = 3 points C = 2 points D = 1 point WF and F = 0 points

GPA is calculated by assigning each semester letter grade the appropriate point value and then by dividing the sum of the grade points earned by the total number of classes taken. GPA is reported in figures rounded to the nearest thousandth. The cumulative GPA is calculated each semester only. Semester grades are the only grades that determine the cumulative GPA, class rank, credit/no credit and graduation status. Semester grades are the only grades that are recorded on the permanent record/transcript. The cumulative GPA is also recorded on the permanent record/transcript. Cumulative GPA begins with the semester grades earned during the first semester of freshmen year and ends with the second semester of senior year (the typical eight (8) semesters of attendance). Students may inquire about their cumulative GPA in the Academic Advising Office.

CLASS RANK

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Class rank will no longer be calculated or reported on transcripts beginning with students in the class of 2019. The Academic Advising office will provide students a percentage ranking in the following ranges: top 10%, top 25%, or top 50%, if needed for college or scholarship applications, but an exact numerical ranking will not be provided.

LATIN HONOR SYSTEM

Winnebago High School will utilize a Latin honor system to recognize students graduating with honors. All cumulative GPA (Grade Point Averages) will be calculated at the end of 8 semesters.

Graduating students will have the following designations recognized during graduation ceremonies:

Summa Cum Laude: 4.00 or higher GPA

Magna Cum Laude: 3.75 – 3.99 GPA

Cum Laude: 3.50 – 3.74 GPA

STUDENT SPEAKERS

Student speakers for graduation ceremonies will be selected from those students earning honors each year. Students interested in being considered as a speaker will be required to submit their speeches to a committee of faculty members who will select speaker(s) based on their submitted speeches.

PARENT TEACHER CONFERENCES

Parents/guardians are encouraged to contact teachers whenever questions or concerns arise. Parent Teacher Conferences are an excellent way of opening communication between families and teachers with the shared goal of facilitating student success. Cooperative efforts between parents/guardians, students, and teachers help to keep everyone involved informed and better able to meet the individual student's needs.

We are interested in a team approach to the education of students in the high school setting. As a part of the team we encourage both students and parents/guardians to attend high school conferences/open house. Student attendance is encouraged, but not required. Conference time is not only a time to discuss concerns, but to celebrate successes! Official Parent-Teacher conference days are scheduled annually in the fall.

HOMEBOUND INSTRUCTION

Students who are unable to attend school for an extended period of time for medical reasons—as certified by a medical doctor—may be eligible for homebound instruction. The minimum length of absence to consider homebound instruction is ten (10) school days. Under homebound instruction, the school provides a teacher to meet with the student at home or at a mutually agreed upon location outside of the school. Contact the high school principal for more information.

STANDARDIZED TESTING

Illinois State Board of Education Requirements

SAT is the required state assessment for Illinois for the 2020-21 school year. All Juniors in the state of Illinois will take the SAT as a part of the Illinois state graduation requirements on a state designated testing day in April 2020. Sitting for the SAT is a diploma requirement.

SAT is a college entrance exam. All 4 year college/universities require some type of entrance exam for admissions. SAT is also used by many 2 year/junior colleges for placement purposes.

College Entrance Exams: ACT and SAT

ACT and SAT are both college entrance exams. Most 4 year colleges will accept either an ACT or an SAT score. Both tests are available on national test dates. While all juniors will have an SAT score on file for state requirements, students may choose to take either the ACT or the SAT additional times or as a supplement to the SAT requirement.

The most common time for high school students across the nation to take a college entrance exam is near the end of junior year which allows students to complete as much academic work as possible in preparation for the exams and also to have the scores in time to apply for colleges early in the first semester of senior year. All WHS juniors will take the SAT in April of 2021 at WHS.

National test dates for the ACT for the 2020-21 school year are:

September 12, 2020	October 24, 2020	December 12, 2020	February 6, 2021
April 10, 2021	June 12, 2021	July 17, 2021	

Registration with dates/test sites and complete information is available on the ACT website: www.act.org. The 19-20 test fee for the ACT is \$52; the 19-20 ACT plus writing test is \$68. (Some colleges require a writing test in addition to the regular ACT.)

National test dates for the SAT for the 2020-21 school year are:

October 3, 2020	November 7, 2020	December 5, 2020
March 13, 2021	May 8, 2021	June 5, 2021

SAT information is available on the SAT website: www.collegeboard.com. The 19-20 test fee for the SAT is \$47.50; the SAT plus essay is currently \$64.50.

PSAT/NMSQT

The PSAT is a practice SAT college entrance exam created by the College Board. The PSAT has the same format, timing and subject areas as the SAT. The PSAT is also the **National Merit Scholarship Qualifying Test (NMSQT)**. Students who take the test are automatically entered into the national competition to become National Merit Scholars. The PSAT test is offered at WHS on the national test date set by the College Board: October 14, 2020.

All juniors may take the PSAT in October 2020 dependent upon state funding. In the absence of state funding, the PSAT will be optional and students will pay approximately \$15.00.

ADDITIONAL EDUCATIONAL OPPORTUNITIES

The students' first priority is meeting graduation requirements through Winnebago High School.

Summer School

Summer school courses are designed only to be remedial—to make up courses failed during the school year. Summer school courses do not meet enough hours to satisfy Illinois state guidelines on the number of hours required per semester for credit to be issued. Instead, summer school is designed to be extra time spent on a course that a student has already taken but has not achieved a passing grade. Students cannot complete summer school courses in order to earn “extra” credits or to advance through high school requirements more quickly than normal. Grades for remedial coursework will not be included in a student’s GPA and class rank.

Students are responsible for all transportation and fees involved in summer school. A Winnebago High School Academic Advisor or Administrator must approve all summer school courses BEFORE a student enrolls. Staff must verify that a student is eligible for the class and that the class meets the state of Illinois accreditation and guidelines. Contact the Academic Advising Office for more information.

Correspondence and On-line Courses

Correspondence (through the mail) and on-line (computer-based) courses may be used only as a means to meet graduation requirements for students, who after three years of attendance need additional credit. Students must be enrolled on a full time basis at WHS and use these courses to obtain additional credits. These courses are intended for “make-up” credit purposes. Only two academic credits of outside coursework may be applied toward WHS graduation requirements. Grades for remedial coursework will not be included in a student’s GPA and class rank. Courses that are taken for the first time will be included in a student’s GPA and class rank.

Rock Valley College and Winnebago High School Partnership Programs

1. Dual Credit on Winnebago High School Campus

- Courses are offered at Winnebago High School during the regularly scheduled school day. These courses each have specific qualifying criteria, including college entrance exam scores.
- Students receive both high school and college credit for RVC-approved high school courses.. Courses are year-long at WHS (½ high school credit per semester); courses receive Spring semester credit at RVC.
- Winnebago District pays the RVC tuition for on campus dual credit courses; families/students are responsible for purchasing required textbooks for each dual credit on campus course.

2020-21 Dual Credit Classes at WHS

*DC Business (1 year, 1 credit WHS) = Business 101 Introduction to Business (3 RVC credit hours, Spring 2021)

*DC English (1 year, 1 credit WHS) = English 101 Composition I (3 RVC credit hours, Spring 2021)

*DC Calculus (1 year ,1 credit WHS) = Math125 Calculus w/ Analytical Geometry (5RVC credit hours, Spring 2021)

*DC Statistics (1 year, 1 credit WHS) = Math 220 Elements of Statistics (3 RVC credit hours, Spring 2021)

*DC Biology (1 year, 1 credit WHS) = Biology 103/104 (4 RVC credit hours, Spring 2021)

****Specific requirements/descriptions for each dual credit class are listed in the departmental section.**

2. Dual Credit on Rock Valley College Campus

- Courses are offered at RVC locations.
- Students receive both high school and college credit for college-level courses successfully completed. (*Students may take college courses for **college credit only** if they choose).
- RVC tuition charges apply; families are responsible for all costs: tuition, fees, books, supplies, and transportation, etc.

Senior students are eligible to attend Rock Valley College for a portion of the school day during their senior year with the approval of their parents, academic advisor, and the principal. The student must make the request to the Academic Advising office in the spring of his/her junior year. The student must be on track to graduate and must be enrolled in at least 4 courses at Winnebago High School. Students may not replace Winnebago High School core graduation requirements based on college course work. Students will earn elective credit only. Enrolling in junior college courses is voluntary and the district is not responsible for transportation.

Students are responsible for payment of tuition and fees to junior college. See RVC Dual Credit General Information at www.rockvalleycollege/HSConections for more information. Students may earn one-half (1/2) WHS credit per RVC semester class. Students will register for the RVC credit courses according to RVC's procedures and deadlines.

3. Running Start--Dual Credit/Dual Diploma

Running Start is a Dual Credit/Dual Diploma program for qualified Winnebago High School students to attend Rock Valley College for their junior and senior years. Tuition is paid by the District, but students will pay approximately \$1300 a year for textbooks. Families are responsible for transportation. This program meets the requirements for both a Winnebago High School diploma and a Rock Valley College Associate degree simultaneously. Students who meet the pre-selection criteria will be notified during 1st semester of sophomore year.

@ Winnebago High School: Pre-Selection Criteria

1. Meet with high school Academic Advisor regarding the selection process.
2. Have a 3.0 Cumulative GPA by the end of freshman year.
3. Complete Algebra II and Geometry with a "B" or higher by the end of sophomore year.
4. Complete English 9 and English 10 with a "B" or higher by the end of sophomore year.
5. Complete Chemistry with a "B" or higher by the end of sophomore year.
6. Be on track for high school graduation by the end of sophomore year.

@ Rock Valley College: Admission Steps

1. Complete and submit a Rock Valley College *Application for Admission*.
2. Complete all 3 ACCUPLACER placement tests and achieve the "college-level" score per RVC requirements.
3. Meet with HS CONNECTIONS staff member at RVC for courses and planning.
4. Meet all RVC deadlines and paperwork requirements.
5. Maintain the Cumulative 3.0 GPA and "B" math, English and Chemistry grades at WHS after initial qualification.

Students must maintain a 3.0 cumulative GPA and math, English and Chemistry grades of "B" or better throughout the school year to maintain eligibility for Running Start. This is the current Running Start criteria; Rock Valley College reserves the right to adjust the criteria for future applicants. **Students must complete the Associate Degree to earn the Winnebago High School diploma.** Failure to earn the Associate Degree from Rock Valley College is failure to earn the Winnebago High School Diploma.

How to get started with any Dual Credit program:

- Meet with the high school Academic Advisor to discuss qualifications, any program deadlines/criteria, and to receive WHS approval. **All programs require pre-approval from WHS.**
- Complete the [Rock Valley College Enrollment Information Form](#).
- Take the RVC ACCUPLACER Placement test (photo ID required) OR submit appropriate ACT or SAT scores.
- Complete a [Dual Credit High School Registration Agreement](#)--available from WHS Advising Office.
- Pay tuition and fees, and purchase books and supplies (if applicable).

All students must take the ACCUPLACER Placement Test or submit ACT/SAT scores in order to participate in any Dual Credit Program. All students must meet the "college ready" testing criteria below. For ACCUPLACER study guides and further information regarding testing please refer to the [RVC Testing Center](#) page or call (815) 921-2380.

Placement Testing and Prerequisites all Dual Credit Programs

To enroll in ANY college-level courses/dual credit students must satisfy course placement tests or course prerequisites. All college enrolled students must have the same qualifications.

- Enrollment in any college level course requires that the student must test and pass a college placement exam in Reading.
- Enrollment in English, Speech, Literature, and/or Mathematics courses require appropriate placement tests, ACCUPLACER Placement Test, in those areas prior to registration. ACT/SAT scores may be submitted for evaluation and possible waiver from all or portions of the ACCUPLACER Placement Test.
- Enrollment in CTE programs requires that the student must test and pass a college level placement exam in Reading. Specific programs may have additional requirements for testing on the ACCUPLACER Placement Test.

	ACCUPLACER	ACT Sub-Score	SAT-I Sub-Score
Reading	70	19	510
Sentence Skills (English)	76	19	510
Mathematics	81 Elem Alg Test -Stats 71College Math Test-Calc	18 Stats/26 Calc	470 Stats/620 Calc

****Note regarding Additional Educational Opportunities**

At various times, Winnebago High School students have taken advantage of courses offered at area schools such as Rockford Career College, CareerTEC, Agriculture at Pecatonica. Winnebago High School does not have official agreements with any of these programs, does not recruit students and cannot guarantee admission. The students' first priority is meeting graduation requirements through Winnebago High School. Students are responsible for bringing the outside program information to the attention of the high school Academic Advisor or Administrator.

Any outside program must be pre-approved by a Winnebago High School Academic Advisor or Administrator. Approvals are made on a case-by-case basis. Outside courses may not duplicate courses offered at WHS. All transportation and fees are the responsibility of the student. In any case or combination, a maximum of two (2) academic credits from outside sources may be applied toward WHS graduation requirements.

FOUR-YEAR PLAN

Students and parents/guardians should use this page as a worksheet when planning the student's four-year curriculum. Required courses have already been put into place during the appropriate year. Electives should be chosen to meet the goals and needs of the student.

Student Name _____

FRESHMEN

1. English 9 _____
2. Math _____
3. Science _____
4. PE/Health or Health/Driver Ed _____
5. _____
6. _____
7. _____
8. _____

Alternate:

SOPHOMORE

1. English 10 _____
2. Math _____
3. Science _____
4. Driver Ed/PE or PE/PE _____
5. Career Education/American Government _____
6. _____
7. _____
8. _____

Alternate:

JUNIOR

1. English _____
2. US History _____
3. Math _____
4. Science _____
5. PE _____
6. _____
7. _____
8. _____

Alternate:

SENIOR

1. English _____
2. PE _____
3. Consumer Economics/Political Issues _____
4. _____
5. _____
6. _____
7. _____
8. _____

Alternate:

ART DEPARTMENT

Art I – Grades 9, 10, 11, 12 - 1 year - 1 credit

This exploratory course focuses on the elements and principles of art. Students will learn basic techniques in drawing, painting, design, sculpture, and art history. Students will be involved in planning, producing, presenting, and critiquing art. Participation in the annual Winnebago C.U.S.D. Art Show is required.

Art II - Grades 10, 11, 12 – 1 year - 1 credit

Prerequisite - Successful completion of Art I

Recommendation of C or higher.

This course provides projects designed to improve drawing and observational skills. Drawing techniques are strongly emphasized. There will be nightly art homework. 3D art techniques will be introduced. Students will be involved in planning, producing, presenting, and evaluating art. Participation in the annual Winnebago C.U.S.D. Art Show is required.

Art III - Grades 11, 12 - 1 year - 1 credit

Prerequisite – Successful completion of Art II

Recommendation of C or higher and serious interest in Art

This course includes advanced-level projects that are developed to refine art skills in the areas of 2D and 3D. The accelerated projects include a variety of materials and focuses on one's own individual style. Outside time on projects will be required. Students will be asked to commit to participating in outside art activities, as well as participation in the annual Winnebago C.U.S.D. Art Show.

Art IV - Grade 12 - 1 year - 1 credit

Prerequisite – Instructor Approval & successful completion of Art III

Recommendation of C or higher.

This course is only for the serious, committed, self-motivated art student. Each student is required to create original works of art that are at an advanced level and pace. Students will create a Senior Portfolio that will be entered in the RAM art show. Art IV students will each create an individual display, showcasing their work over the past 4 years, at annual Winnebago C.U.S.D. Art Show. Participation is required and is for a grade. Numerous outside of school hours are necessary in order to complete projects on time. Additional costs for matt board and other miscellaneous materials will be needed throughout the year.

Computer Art- (05169A001) – Grades 10, 11, 12 – 1 year. Course available 21/22 School year depending on student interest. Currently offered every other year.

Prerequisite - Successful completion of Art I with a C or higher

This course teaches students the programs, Adobe Photoshop and Illustrator, and how it is used in art-related careers. From basic program tools and features to complex and creative uses, students will learn the basics of this program. Some projects will include logo design, computer illustration and layout, and product design. Students will create compositions using various filters and tools in the program.

BUSINESS DEPARTMENT

Business Technologies:

Principles of Business (1201A001) - Grades 9, 10, 11, 12 - 1 year - 1 credit

This orientation-level course will provide an overview of all aspects of business including entrepreneurship, management, marketing, finance and accounting, and the creation of a business plan. Students will gain in-depth knowledge of types of business ownership, different management techniques, the different aspects of marketing, and the importance of creating a well-designed business plan. Students will also be introduced to the many different types of leadership styles and which style accurately represents each student. Emphasis will be placed on using the computer while studying applications in these careers along with communication skills (thinking, listening, composing, revising, editing, and speaking), math and problem solving. Business ethics as well as other workplace skills will be taught and integrated within this course. Finally, students will implement all the knowledge gained throughout the course in the completion of a 9-week business simulation.

Dual Credit Business (Rock Valley College Business 101-Introduction to Business)- Grades 11, 12

1 year - 1 WHS Credit, 3 RVC Credits issued for Spring semester 2020 (not offered 20-21 school year)

Prerequisite - Acuplacer scores: Reading 70 and Sentence Skills 76 **OR** ACT: Reading 19 and English 19 **OR** SAT Reading 510 or higher. RVC Enrollment form completed and submitted to WHS Academic Advising; Dual Credit Enrollment Form completed and submitted to WHS Academic Advising, RVC student account created. All RVC dates/deadlines/procedures apply. Course will be held on WHS campus during regular school day. Winnebago District pays tuition; families pay for textbooks.

Introduction to Business introduces business functions, operations, and organization. The course includes forms of ownership, management, finance, business ethics, personnel and labor-management relations, and marketing.

Accounting I (12104A001) - Grades 10, 11, 12 - 1 year - 1 credit

Accounting I is a course that assists students pursuing a career in business, marketing, and management. This course includes planned learning experiences that develop initial and basic skills used in systematically computing, classifying, recording, verifying and maintaining numerical data involved in financial and product control records including the paying and receiving of money. Instruction includes information on keeping financial records, summarizing them for convenience interpretation, and analyzing them to provide assistance to management for decision-making. In addition to stressing basic fundamentals and terminology of accounting, instruction should provide initial understanding of the preparation of budgets and financial reports, operation of related business machines and equipment, and career opportunities in the accounting field. Processing employee benefits may also be included. This entire course is based online, which gives the students a more real life experience of how accounting works on a day-to-day basis.

Accounting II (12104A002) - Grades 11, 12 - 1 year - 1 credit

Prerequisite – Successful completion of Accounting I

Accounting II is a course that builds upon the foundation established in Accounting I. This course is planned to help students to develop deeper knowledge of the principles of accounting with more emphasis being placed on financial statements and accounting records. It is a study of previously learned principles as they apply to the more complicated types of business organizations: partnerships, corporations, branches, etc. The students may become familiar with such specialized fields of accounting as cost accounting, tax accounting, payroll accounting, and others. Some students may choose to do specialized accounting computer applications, and others may elect payroll clerk, data processing computer applications. Simulated business conditions may be provided through the use of practice sets. Skills are developed in the entry, retrieval, and statistical analysis of business data using computers for accounting business applications.

Accounting III (12104A002) – Grade 12 – 1 year - 1 credit

Prerequisite – Successful completion of Accounting II and instructor approval

Offered independently through Accounting II

This course expands upon the general foundation that has been built in Accounting I and II. Computerized accounting software is an integral part of the curriculum. Topics covered include organizing a corporation and paying dividends; acquiring additional capital for a corporation; financial analysis and reporting for a corporation; budgetary planning and control; accounting information for management decisions; financial statement analysis; statement of cash flow; cost accounting; and budgeting and accounting for a not-for-profit organization.

Computer Technologies:

Computer Concepts I & II– Grades 9, 10, 11, 12 - 1 year - 1 credit

Prerequisite – Keyboarding & Formatting or Keyboarding successfully completed at the middle school level

Computer Concepts and Software Applications is an orientation-level course designed to develop an awareness and understanding of application software and equipment used by employees to perform tasks in business, marketing and management. Students will apply problem-solving skills to hands-on, real-life situations using a variety of software applications, such as word processing, spreadsheets, database management, presentation software, desktop publishing, using Microsoft Office 2013 and Google Applications. Students will explore topics related to computer concepts, operating systems, telecommunications and emerging technologies. The development of employability skills, as well as transition skills, will be included in the course as well as an understanding of the ethical considerations that arise in using information processing equipment and gaining access to available databases.

Web Site Design (10201A001)– Grades 10, 11, 12 –1 Semester - 1/2 credit

Prerequisite - Successful completion of Computer Concepts I & II

Web Site Design is a skill-level course designed to prepare students to plan, design, create and maintain web pages and sites. Students will learn the fundamentals of web page design using HTML, HTML editors, and graphic editors as well as programming tools such as JavaScript. Students will work in a project-based environment to create a working website. Students will learn to create pages, add hyperlinks, make tables and frames, create forms, integrate images, and set styles. Students will use image-editing programs to manipulate scanned images, computer graphics, and original artwork. Instruction will include creating graphical headers, interactive menus and buttons, and visually appealing backgrounds. Students will use hardware and software to capture, edit, create, and compress audio and video clips.

Advanced Office Word & Excel - Grades 10, 11, 12 – 1 Semester - 1/2 credit

Prerequisite - Computer Concepts I & II (Grade of C or higher)

Advanced Office Word & Excel is designed to advance word processing and spreadsheet skills acquired in Computer Concepts. Software instruction begins with Word 2013 Level 1 including concepts of information processing required by business and college. Software instruction also includes Excel 2013 Level involving the utilization of functions, ranges, and formulas in spreadsheets. Tables, text, and data will be integrated into reports and charts. Students successfully completing this course may elect to sit for Microsoft Certified Application Specialist* (MCAS) Core Certification. *Microsoft Certified Application Specialist (MCAS) – Contact instructor for MCAS testing procedures and requirements.

Business Work-Based Learning - Grades 11, 12 – 1 year - 2 credits

Prerequisite - Concurrent enrollment with one of the advanced business courses and approval of supervising instructor and cooperating host employer.

Business Work-Based Learning is a class to train students in business related occupations, including information processing, computer programming, computer networking, and accounting occupations. Students gain “hands-on” experience in an off-site business internship. Students must be concurrently or previously enrolled in one or more of the following advanced level approved courses: Accounting I/II, Information Processing, Web Page Design, Computer Networking, Computer Programming, or Advanced

Information Processing or another approved business course. Students develop advanced worker competencies through appropriate on-the-job experiences supervised by cooperative teacher and host employer. Supervising instructor and host employer will develop a competency and experience task list to be completed during student training. In addition to technical skills, course content will reflect the integration of academic and workplace skills. Students cannot work for a relative. Although the supervising instructor will assist, the student is responsible for securing a corporate partner.

This internship may or may not be paid. Some, but not all hours may occur during the school day. Students must spend at least (10) hours per week at a worksite and keep a journal concerning their internship experience.

Interrelated Work Training (22153A001) - Grades 11, 12 – 1 year - 2 credits

Prerequisite – Approval of supervising instructor and cooperating host employer. Student must have a job by the 5th day of class on one of the approved related settings within 15 miles of the high school. Students must have completed two years in a related vocational sequence in order to enter this program. A minimum of 12 credits is required to qualify for this program.

This course provides practical job experience related to business, family & consumer science, childcare, industrial manufacturing, or a drafting/engineering technology occupation. The student will learn a salable skill and gain practical knowledge at the job-site. The student must work in a school-approved job with a minimum of 10 hours per week and be evaluated by the supervisor four or more times a year. Conferences are held periodically with the students, employer, and coordinator. Employment by relatives is not permitted.

The student must be concurrently enrolled in the classroom portion of the Interrelated Work Training Course. Students are made aware of ways to be most effective in the working world. The student will learn how to acquire, progress, and succeed on the job. The student will learn how to budget a paycheck, calculate taxes, choose insurance, get along with employees and employers effectively, locate job vacancies, understand and use credit and bank services, understand themselves better and analyze careers that interest them. Work ethics will be emphasized.

BE HERE NOW Initiative for Career and Technical Education (CTE) courses:

The businesses of the Northwestern Illinois Region have expressed their continued interest in our production of workplace-ready candidates who understand the importance of attendance and of timeliness. As an answer to this specific request, Winnebago High School will be incorporating a CEANCI (Career Education Associates of North Central Illinois) initiative called *Be Here Now* as a part of the curriculum for all WHS Career and Technical Education (CTE) courses. This initiative will serve to instruct students on the importance of regular attendance and timeliness in the workplace. As a result of this initiative, all CTE courses will include attendance and timeliness as 10% of the final semester grade. Students who are present and on time will receive their *Be Here Now* credit for the day, while students who are absent or tardy to class will not receive their *Be Here Now* credit for the day. A student who is present and on time, but who leaves class early, will only be able to receive ½ of their *Be Here Now* credit for the day. Students who are pulled from class by staff/administrator and/or late to class due to a staff/administrator meeting will be considered present and on time.

****Be Here Now grade:***

10% of the semester grade; weekly score entered.

Student is in attendance, ready to learn and on time = 10 points

Student is absent or tardy = no points

(exception—if staff/administrator keeps student, the student receives points for being present and on time--a **signed pass or e-mail** from staff is required to excuse)

Student leaves early = ½ points (unless leaving with another staff member for school purposes)

COMPUTER SCIENCE

Exploring Computer Science (10152A001) Grade 9, 10, 11, 12 - 1 year - 1 credit

Prerequisite: It is recommended that students have completed Algebra prior to enrolling.

This course is designed to offer an introduction to computer science. Students will learn the basics of computer programming along with the basics of computer science. The material emphasizes computational thinking and helps develop the ability to solve complex problems. This course covers the basic building blocks of programming along with other central elements of computer science. It gives a foundation in the tools used in computer science and prepares students for further study in computer science, including AP Computer Science Principles and AP Computer Science A courses. Students will also be introduced to topics such as interface design, limits of computers, and societal and ethical issues. ECS is designed to be a college preparatory high school course and thus should provide a rigorous but accessible introduction to computer science. No previous computer science experience is required.

AP Computer Science A (10157A000) Grade 11, 12 - 1 year - 1 credit

Prerequisite: It is recommended that students have completed Algebra II prior to enrolling.

AP Course Following the College Board's suggested curriculum designed to mirror college-level computer science courses. AP Computer Science A introduces students to computer science through programming. Fundamental topics in this course include the design of solutions to problems, the use of data structures to organize large sets of data, the development and implementation of algorithms to process data and discover new information, the analysis of potential solutions, and the ethical and social implications of computing systems. The course emphasizes object-oriented programming and design using the Java programming language.

DRIVER EDUCATION DEPARTMENT

Driver Education (089088) Grade 9, 10 - 1 semester - NO ACADEMIC CREDIT

Fee: \$250 Scheduled opposite one semester of PE

Driver Education requires a specific application form that is due to the Academic Advising Office at Winnebago High School by Tuesday, March 10, 2020 for both Summer 2020 and School Year 2020-2021 sessions. The form is available online or from the Academic Advising Office at the high school. Students who turn in forms **on time** will be placed into Driver Education based upon birth date and number of seats available. Sometimes the number of requests exceeds the number of seats; students may be placed on a waiting list. After the due date, students will be placed on a waiting list according to the order that late forms are received—regardless of birth date. It is not Winnebago School District's practice nor policy to issue driver education permits prior to the student's first day in the driver education classroom.

Driver Education is a two-phase program: classroom and behind the wheel. The classroom phase emphasizes rules, regulations and strategies for safe driving. Instruction on distracted driving will be included in the curriculum. The behind-the-wheel phase teaches safety and competent practices in actual, on-the-street situations.

Summer School Driver Education—June 2020

Cost: \$250—payable once final dates and enrollment are determined.

Requirements: Students MUST be 15 years of age by the first day of class, have completed freshman year of high school, and have passed 8 semester classes during the 2019-20 school year. Students who turn driver ed registration forms in on time are assigned by birth date and by seats available. Exact dates in June will be decided based upon the number of students interested and upon teacher availability—typically starting within the first week of June. ****Students with birthdays early in June could sign up to indicate interest but final enrollment in class will depend upon start date vs. birth date.**

The state of Illinois requires 30 hours of classroom instruction with 6 hours of on-the-road training. This equals 10 classroom sessions of 3 hours each with driving time individually scheduled throughout the summer. Due to state requirements, **students may not be absent more than one day for any reason and may not miss any driving time.** (2 tardies equal 1 absence.) Students who are absent more than one day/miss driving time will be dropped from the class with no refund and no guarantee of placement in driver education during the school year.

School Year 2020-2021 Driver Education

Cost: \$250—payable with the 2020-2021 school fees.

Requirements: Students MUST be 15 years of age by the first day of class and have passed 8 semester classes during the 2019-20 school year. Students who turn driver ed registration forms in on time are assigned by birth date and by seats available. The state of Illinois requires 30 hours of classroom instruction with 6 hours of on-the-road training. **Due to state requirements, students may not be absent more than 2 class periods for any reason and may not miss more than one driving time for any reason.** Students who are absent more than two days/one driving time will be dropped from the class with no refund and no guarantee of placement in driver education during the same school year.

Students who have been enrolled in any driver education class under the assumption that they will meet academic criteria (passing 8 semester classes in the 2 semesters prior to taking the class) but who fail to meet the academic criteria will be removed from the class without guarantee of a space in the next session.

Students who take both a yearlong study hall and driver education during the same school year should be aware that earning failing grades in any other coursework could put them behind in credits needed to graduate after 4 years of high school. Driver Education has no academic credit attached.

At the beginning of the driver education class, students must:

- ✓ Have a certified copy of their birth certificate and present a social security card
- ✓ Pass a vision test and a written state driver's exam
- ✓ Pay an instruction permit fee to the Secretary of State

Before pursuing the driver's license, students must:

- ✓ Have the driving permit a minimum of 9 months
- ✓ Successfully complete both the classroom and driving portions of driver ed training
- ✓ Complete a minimum of 50 hours of driving time (including 10 hours of nighttime driving) while supervised by an adult who is 21 years of age or older and who has a valid driver's license.

To obtain a driver's license, students must:

- ✓ Have successfully completed driver education and the above requirements
- ✓ Present the driver's permit, a certified copy of a birth certificate, and social security card at the Secretary of State driver's facility.
- ✓ Pass the behind-the-wheel test at the Secretary of State driver's facility

ENGLISH DEPARTMENT

Required Classes:

The state of Illinois requires four years of English in order to earn a high school diploma. Winnebago School Board policy does not allow students who fail English to enroll in the next level of English without successfully completing the previous level. Students who fail must complete summer school or online courses.

English 9 (01001A001) – Grade 9 - 1 year - 1 credit

Prerequisite – Successful completion of eighth grade English

Fulfills Requirement

The focus of the English 9 curriculum is literature/reading, grammar, composition, and vocabulary. Students are introduced to literary devices and writing concepts used throughout high school. Students read short stories, novels, mythology, and drama including Shakespeare. Students write expository, persuasive, and narrative paragraphs and essays about literature and other content-related topics. This is a writing intensive course. Assignments in which students can develop their creativity are also required.

Honors English 9 – Grade 9 - 1 year - 1 credit

Prerequisite – Successful completion of eighth grade English and student scoring above the college readiness benchmark on standardized testing.

Fulfills Requirement

The focus of the English 9 Honors curriculum is literature/reading, grammar, composition, and vocabulary. Students are introduced to literary devices and writing concepts used throughout high school. Students read short stories, novels, mythology, and drama including Shakespeare. Students write expository, persuasive, and narrative paragraphs and essays about literature and other content-related topics. Assignments in which students can develop their creativity are also required. This is a writing intensive course. Enrichment opportunities offered in this class will include additional novels, plays, writing, and more in-depth discussion on literary topics.

Reading 9 (01066A001) – Grade 9 – 1 year - 1 credit

Prerequisite - Successful completion of eighth grade, have been given additional screening, and have received a recommendation from the eighth grade teacher.

The focus of the Reading 9 curriculum is comprehension, vocabulary, and writing. A variety of material is used emphasizing these skills. Students' deficit areas will be identified through assessment, and progress monitoring will be completed throughout the semester. Students will have this class in addition to their regular English class.

Reading 10 (01066A001) - Grade 10 – 1 year - 1 credit

Prerequisite – Teacher recommendation

The focus of the Reading 10 curriculum is comprehension, vocabulary, and writing. A variety of material is used emphasizing these skills. Students' deficit areas will be identified through assessment, and progress monitoring will be completed throughout the semester. Students will have this class in addition to their regular English class.

English 10 (01002A001) - Grade 10 - 1 year - 1 credit

Prerequisite - Successful completion of English 9

Fulfills Requirement

English 10 continues to focus on areas from English 9 including literature/reading, grammar, composition, speaking/listening, and vocabulary. Students will use basic grammar and writing skills and improve writing and reading skills through various types of literature. This is a writing intensive course. Students will read short stories, novels, non-fiction, poetry, and dramas.

Honors English 10 – Grade 10 - 1 year - 1 credit

Prerequisite – Successful completion of English 9, including recommendation of the English 9 teacher.

Fulfills Requirement

Honors English 10 continues to focus on areas from English 9, and students will continue to practice and improve skills in critical reading, writing, listening, and speaking. Students will read various forms of literature, and they will write a variety of compositions—both formal and informal. This is a writing intensive course. Enrichment opportunities offered in this class may include more independent, collaborative, and in-depth discussions, reading, and writing activities.

English 11 (01003A001) - Grade 11 - 1 year - 1 credit

Prerequisite – Successful completion of English 9 and English 10

Fulfills Requirement

In this course, students will become familiar with and appreciate major works and writers of American literature from the beginning of America through World War II. The historical and social events occurring in America will be related to the literature. The course will be structured around major American themes and philosophies as they arose and developed in this country. Also this course will encourage creative thinking among students and creative means to express their ideas through writing, reading, listening and speaking. Students will develop a variety of writing techniques to use in the writing of poetry, descriptive and narrative prose, and journal entries. This is a writing intensive course. Students will also engage in the research process and complete a research paper related to an American historical topic.

Honors American Studies (01055A001) - Grade 11 - 1 year - 2 credits/2 class periods

Prerequisite - Successful completion of English 9 & English 10 and social studies department approval

Fulfills Requirement

American Studies is an integrated course for juniors that combine English 11 and American History. The course enhances the students' understanding and appreciation of the major periods of American culture by looking at the history, literature, music, and art. Students in this class will utilize higher-level thinking skills and participate in in-depth subject matter discussions. This is a writing intensive and college preparation course. The course is team taught by an English and a history teacher. The class is scheduled in a two period block with the students meeting both as a large group and in smaller groups. Each student will receive a grade for English 11 from the English teacher and a grade for American History from the history teacher. This course fulfills the requirements for U.S. History and English.

English 12 - (01056A001) - Grade 12 - 1 years

Prerequisite – Successful completion of English 9, 10, & 11

Fulfills Requirement

This course is designed to expose students to a variety of works of literature and sharpen their critical reading, writing, listening, and speaking skills. Discussions and activities in this course are centered on the analysis of classic works of literature and their application to modern times. In regards to composition, we will focus on the study and application of the writing process across various writing forms and purposes. The course requires students to practice clear, concise and meaningful compositions covering a variety of formats and topics. The primary goal of this course is to improve your abilities as a unique communicator and writer. This is a writing intensive course.

Dual Credit English (Rock Valley College English 101) -Grade 12

1 year - 1 WHS Credit, 3 RVC Credits issued for Spring semester 2019

Prerequisite - Acuplacer scores: Reading 70 and Sentence Skills 76 **OR** ACT: Reading 19 and English 19 **OR** SAT Reading 510 or higher. RVC Enrollment form completed and submitted to WHS Academic Advising; Dual Credit Enrollment Form completed and submitted to WHS Academic Advising, RVC student account created. All RVC dates/deadlines/procedures apply. Course will be held on WHS campus during regular school day. Winnebago District pays tuition; families pay for textbooks.

In Composition I, students employ flexible strategies to develop focused, purposeful essays that demonstrate college-level thinking. Students write in a variety of textual form, including persuasive essays in the latter half of the semester, and learn to address the needs of audiences by increasing their awareness of the rhetorical situations in which they write. Students learn to develop and support their claims effectively, to position their ideas in relation to those of others, and to edit their writing carefully. Students write 16-24 pages of revised prose during the course.

English Electives:

Creative Writing (01104) - Grades 11, 12 - 1 semester - 1/2 credit

DOES NOT FULFILL WHS ENGLISH REQUIREMENT

This course will focus on descriptive and narrative prose, poetry, and script writing. The student will learn to develop skills in these areas of creative writing. The student will not only study the basic guidelines for these types of writing, but will be encouraged to explore and develop his/her own individual style and expression. (This class may not be accepted by colleges as fulfillment of an English requirement)

Fundamentals of Speech (01151A001) – Grades 11, 12 – 1 semester - 1/2 credit

Prerequisite – Successful completion of English 9 and English 10

DOES NOT FULFILL WHS ENGLISH REQUIREMENT

Are you afraid of speaking in public? If so, you're not alone! Public speaking is often ranked in the top three fears of Americans, yet colleges and businesses are demanding that high school graduates have better communication skills. Fundamentals of Speech is designed to teach students how to become effective communicators by overcoming fears and learning how to improve both verbal and nonverbal skills. Other topics include listening, interpersonal communication, and group communication. The process of giving a speech from start to finish will be emphasized—including researching, writing, practicing, and evaluating. Several speeches will be required in order to successfully complete this class. Whether you run from the podium or yearn for the chance to stand behind it, this class is for you!

FAMILY AND CONSUMER EDUCATION DEPARTMENT

Introduction to Family & Consumer Sciences (22201A001) – Grades 9, 10, 11, 12 – 1 Year - 1 credit

This course introduces students to the field of family and consumer sciences and the many career opportunities available in this broad field. This course includes theory and laboratory experiences in the following content areas: Nutrition and culinary arts; textiles and design, family, career, and community leadership development; resource management; human development and life-long learning; facility design, care, and management; and interpersonal relationships and life management skills.

Foods and Nutrition I & II (16054A001, 16054A002) – Grades 10, 11, 12 – 1 Year - 1 credit

Fee: \$20.00

Prerequisite – Successful completion of Intro to Family & Consumer Sciences

This course includes classroom and laboratory experiences needed to develop a knowledge and understanding of culinary principles and nutrition for people of all ages. Course content encompasses: food service and preparation management using the decision-making process; meeting basic needs by applying nutrition concepts; meeting health, safety, and sanitation requirements; maximizing resources when planning/preparing/serving food; applying hospitality skills; analyzing nutritional needs in relation to change; and careers in nutrition and culinary arts, including entrepreneurship investigation.

Culinary Arts (Foods III & IV) - Grades 11, 12 – 1 Year - 1 credit

Fee: \$35.00

Prerequisite – Successful completion of Foods and Nutrition I & II (B or better in Foods suggested)

Culinary Arts (Foods 3 & 4) students spend the year in the classroom mastering the fundamental management and culinary skills needed for success. This class will update students on industry-specific skills that can be used in all aspects of the restaurant and foodservice industry.

Students also leave the program with employability skills – leadership, accountability, teamwork and responsibility – that they can take with them to positions in all industries. By bringing together classroom time and extensive lab experience, Culinary Arts gives students a platform to discover new interests and talents to open doors for fulfilling careers. It happens through a curriculum that includes all facets of the industry, and sets a high standard of excellence for students and the industry.

Career Education (22210A001) - Grade 10 - 1 semester - 1/2 credit

Required Course

Developing career awareness is essential in preparing students for the world of work. Students will examine skills for successful employment. Students will begin by studying the meaning of work and prioritizing goals. They will analyze their personality, skills, and aptitudes, as well as, focus on possible career skills. By researching interests, students will narrow down career and college choices. Applications, resumes, portfolios, cover letters, follow-up letters, and interview skills will be covered. Students will learn about work ethics, conflict resolution, skills to use on the job, and reasons people work. Networking and resource management, along with employability skills will be used to prepare students for the financial obligations of independence.

Consumer Economics (22210A001) - Grade 12 - 1 semester - 1/2 credit

Required Course

This fast paced course is required on the senior level. It focuses on the identification and management of personal and family resources to meet the needs, values, and wants of individuals and families throughout the life cycle. The course utilizes a variety of real world scenarios based on course materials to gain knowledge and expertise in understanding and applying management skills, with consideration to diverse social, economic, technological, environmental, and cultural characteristics of individuals and families. Topics include: consumer rights and responsibilities in the marketplace; financial responsibility and decision-making; planning and money management; credit and debt; risk management and insurance; saving and investment; homeownership; state and federal taxes; electronic banking; and current issues in the economy.

Family & Consumer Science Work-Based Learning - Grades 11, 12 – 1 year - 2 credits

Prerequisite - Concurrent enrollment with one of the advanced family and consumer science courses and approval of supervising instructor and cooperating host employer.

Family & Consumer Science Work-Based Learning is a class to train students in family and consumer science related occupations, including child and day care, and food service occupations. Students gain “hands-on” experience in an off-site family and consumer science related internship. Students must be concurrently or previously enrolled in one or more of the following advanced level approved courses: Adult Living, Parenting, Child Care II or another approved family and consumer science course. Students develop advanced worker competencies through appropriate on-the-job experiences supervised by cooperative teacher and host employer. Supervising instructor and host employer will develop a competency and experience task list to be completed during student training. In addition to technical skills, course content will reflect the integration of academic and workplace skills. The student cannot work for a relative. Although the supervising instructor will assist, each student is responsible for securing a corporate partner.

This internship may or may not be paid. Some, but not all hours may occur during the school day. Students must spend at least (10) hours per week at a worksite and keep a journal concerning their internship experience. Students must work within 15 miles of school.

Interrelated Work Training (22153A001) - Grades 11, 12 – 1 year - 2 credits

Prerequisite – Approval of supervising instructor and cooperating host employer. Students must have a job by the 5th day of class on one of the approved related settings within 15 miles of the high school. Students must have completed two years in a related vocational sequence in order to enter this program. A minimum of 12 credits is required to qualify for this program.

This course provides practical job experience related to business, family & consumer science, childcare, industrial manufacturing, or a drafting/engineering technology occupation. The student will learn a salable skill and gain practical knowledge at the job-site. The student must work in a school-approved job with a minimum of 10 hours per week and be evaluated by the supervisor four or more times a year. Conferences are held periodically with the students, employer, and coordinator. Employment by relatives is not permitted.

The student must be concurrently enrolled in the classroom portion of the Interrelated Work Training Course. Students are made aware of ways to be most effective in the working world. The student will learn how to acquire, progress, and succeed on the job. The student will learn how to budget a paycheck, calculate taxes, choose insurance, get along with employees and employers effectively, locate job vacancies, understand and use credit and bank services, understand themselves better and analyze careers that interest them. Work ethics will be emphasized.

BE HERE NOW Initiative for Career and Technical Education (CTE) courses:

The businesses of the Northwestern Illinois Region have expressed their continued interest in our production of workplace-ready candidates who understand the importance of attendance and of timeliness. As an answer to this specific request, Winnebago High School will be incorporating a CEANCI (Career Education Associates of North Central Illinois) initiative called *Be Here Now* as a part of the curriculum for all WHS Career and Technical Education (CTE) courses. This initiative will serve to instruct students on the importance of regular attendance and timeliness in the workplace. As a result of this initiative, all CTE courses will include attendance and timeliness as 10% of the final semester grade. Students who are present and on time will receive their *Be Here Now* credit for the day, while students who are absent or tardy to class will not receive their *Be Here Now* credit for the day. A student who is present and on time, but who leaves class early, will only be able to receive ½ of their *Be Here Now* credit for the day. Students who are pulled from class by staff/administrator and/or late to class due to a staff/administrator meeting will be considered present and on time.

****Be Here Now grade:***

10% of the semester grade; weekly score entered.

Student is in attendance, ready to learn and on time = 10 points

Student is absent or tardy = no points

(exception—if staff/administrator keeps student, the student receives points for being present and on time--a **signed pass or e-mail** from staff is required to excuse)

Student leaves early = ½ points (unless leaving with another staff member for school purposes)

FOREIGN LANGUAGE DEPARTMENT

Spanish I: (06101A001) - Grades 9, 10, 11, 12 - 1 year - 1 credit

This course will emphasize accurate communication skills as well as culture. Students will develop reading, writing, listening and speaking skills. Introduction to the multifaceted Spanish speaking world including: history, literature, geography, music, visual art and drama as well as grammatical concepts, pronunciation and basic vocabulary.

Spanish II (06102A001) - Grades 10, 11, 12 - 1 year - 1 credit

Prerequisite – Successful completion of Spanish I

The purpose of this course is to continue the development of the skills and concepts introduced in Spanish I as well as the introduction of new grammatical concepts including stem-changing verbs, reflexive verbs, and the preterite tense. Vocabulary topics include sports, pastimes, food, daily routines, weather, and travel. There will be continued emphasis on reading, writing, listening and speaking skills as well as the culture of the Hispanic World.

Spanish III (06103A001) - Grades 11, 12 - 1 year- 1 credit

Prerequisite - Successful completion of Spanish II

Recommendation – “C” grades or better in Spanish II

In this course students will continue to improve their communication skills, with emphasis on advanced grammar concepts, composition and vocabulary enhancement. Readings and class discussion in Spanish take place regularly as well as continued exposure to culture. Individual fluency is emphasized through the development of vocabulary and essay.

Spanish IV (06104A001) - Grade 12 - 1 year - 1 credit

Prerequisite – Successful completion of Spanish III

Recommendation – “C” grades or better in Spanish III

This course is designed to refine reading, writing, listening and speaking skills. Students continue moving toward increased fluency by engaging in peer-to-peer discussions, as well as creating individual and group presentations about current topics. Students continue their studies of Hispanic culture through film appreciation.

Study Abroad Trips (opposite year of band trip, early June) - Successful completion of Spanish II or higher is required to be eligible for the trip.

HEALTH SCIENCE DEPARTMENT

Health Science (14002A001) - Grades 9, 10, 11 - 1 year - 1 credit

This is a yearlong elective course integrating skills and knowledge common to a wide variety of health care occupations. Students will develop skills in First Aid, CPR, AED leading to American Red Cross Certification as well as additional health care skills. Throughout the course, students will be learning about careers in health care through classroom investigation, guest speakers and visits career fairs and healthcare facilities. Students will develop resumes and cover letters specific to healthcare careers.

Sports Medicine (14062A001) - Grades 11, 12 - 1 year - 1 credit

This is a yearlong elective course that will focus on the role of the health care professional in maintaining the health of the physically active. Particular attention will be paid to the prevention, evaluation, treatment and rehabilitation of injuries and conditions common in physically active people. Students will be trained and certified in American Red Cross First Aid, CPR and AED. This course is intended for students seeking a career in the healthcare field. Time spent in observation of athletic team events and practices after school hours will be required.

INDUSTRIAL EDUCATION DEPARTMENT

Illinois Plan for Industrial Education (21052A002) - Grades 9, 10, 11, 12 - 1 year - 1 credit

Fee: \$25.00

This course is a prerequisite for all other industrial education courses.

Introduction to Technology & Engineering is comprised of the following areas: Production, Transportation, Communication, Energy Utilization and Engineering Design but is not limited to these areas. This course will cover the resources, technical processes, industrial applications, technological impact and occupations encompassed by that system.

Industrial Technology Work-Based Learning - Grades 11, 12 – 1 year - 1 or 2 credits

Prerequisite - Concurrent enrollment in one of the advanced industrial courses and approval of supervising instructor and cooperating host employer.

Requirements: Safety Glasses, Provide your own or purchase from school

Industrial Technology Work-Based Learning is a competency based education and training process to train students in the areas of electrical technology, engineering, graphic design, logistics, manufacturing technology, mechanical design and mechanical technology. Students must be concurrently enrolled or previously enrolled in one or more of the following advanced level courses: CAD/Engineering Drafting II, Civil Engineering Architecture, Design and Graphics, Computer Integrated Manufacturing, Manufacturing II, or another approved industrial course. Students develop advanced worker competencies through appropriate on-the-job experiences supervised by a cooperative teacher and host employer. In addition to technical skills, course content will reflect the integration of academic and workplace skills. The supervising instructor and host employer will develop a competency and experience task list to be completed during student training. Students cannot work for a relative. Although the supervising instructor will assist, the student is responsible for securing a corporate partner.

This internship may or may not be paid. Some, but not all hours may occur during the school day. Students must spend at least 5 hours per week for 1 credit or 10 hours per week for 2 credits at a worksite and keep a journal concerning their internship experience.

Interrelated Work Training (22153A001) - Grades 11, 12 – 1 year - 2 credits

Prerequisite – Approval of supervising instructor and cooperating host employer. Students must have a job by the 5th day of class on one of the approved related settings within 15 miles of the high school. Students must have completed two years in a related vocational sequence in order to enter this program. A minimum of 12 credits is required to qualify for this program.

Requirements: Safety Glasses, Provide your own or purchase from school

This course provides practical job experience related to business, family & consumer science, childcare, industrial manufacturing, or a drafting/engineering technology occupation. The student will learn a salable skill and gain practical knowledge at the job-site. The student must work in a school-approved job with a minimum of 10 hours per week and be evaluated by the supervisor four or more times a year. Conferences are held periodically with the students, employer, and coordinator. Employment by relatives is not permitted.

The student must be concurrently enrolled in the classroom portion of the Interrelated Work Training Course. Students are made aware of the ways to be most effective in the working world. The student will learn how to acquire, progress, and succeed on the job. The student will learn how to budget a paycheck, calculate taxes, choose insurance, get along with employees and employers effectively, locate job vacancies, understand and use credit and bank services, understand themselves better and analyze careers that interest them. Work ethics will be emphasized.

Construction Technologies:

CONSTRUCTION COURSE SEQUENCE

Course Title (Ceanci Course Number)	<u>Prerequisite or Concurrent Course Enrollment</u>	Credits Per Sem	Length in Sems	Grade Level
<u>Orientation</u>				
Illinois Plan for Industrial Education	None	.5	2	9, 10
Introduction to Construction I	Illinois Plan	.5	2	10, 11, 12
<u>Preparation</u>				
Construction II	Intro to Construction	.5	2	11, 12
Cooperative Construction Work-Based Learning	Pre or Concurrent in Construction II	1	2	11, 12
Interrelated Work Training	Pre or Concurrent in Construction II	1	2	11, 12

Introduction to Construction I (17002A001) - Grades 10, 11, 12 – 1 year - 1 credit

Prerequisite - Completion of Illinois Plan for Industrial Education

Fee: \$50.00

Requirements: Safety Glasses, Provide your own or purchase from school

This course provides experience methods in two sections, one used to produce works of fine cabinet making and woodturning and the other in building trades. In fine cabinet making the students will learn how to safely and correctly use various machines located within a standard woodworking shop to produce personally selected projects within time requirements. Instruction includes ruler reading, blueprint creating and reading, recognition of wood species, lumber sizes, processes and procedures, finishing techniques, and time management. In building trades the experiences related to the erection, installation, and maintenance of residential buildings and related fixtures. Planned learning activities allow students to understand fundamental principles and methods, and develop technical skills related to site surveying, masonry, carpentry, and finish work. Instruction includes safety principles and practices, recognition of standard lumber sizes, foundation layout methods, building concepts and procedures, local, state, and national codes, cost estimating, and blueprint reading.

Construction II (17002A001) - Grades 11, 12 – 1 year - 1 credit

Prerequisite - Introduction to Construction I

Fee: \$50.00

Requirements: Safety Glasses, Provide your own or purchase from school

This course provides learning experiences related to the erection, installation, maintenance, and repair of building structures and related utilities. Student technical skill experiences include instruction and activities in safety principles and practices, performing maintenance control functions, joining pipes, building water distribution lines and drains, installing and maintaining plumbing fixtures and systems, installing switch and outlet boxes, light fixtures, service entrances, roughing in and trimming out electrical devices and appliances, preparing foundations and footings, constructing residential chimneys and fireplaces, laying, jointing and pointing brick, and advanced building and construction methods and codes. All learning experiences are designed to allow the student to acquire job-entry skills and knowledge.

Cooperative Construction Work-Based Experience (17002A001) - Grades 11, 12 – 1 year - 2 credits

Prerequisite – Construction II and approval into course by host business supervisor and co-operative work instructor

Requirements: Safety Glasses, Provide your own or purchase from school

This course is designed to give students “hands-on” experiences in learning about construction technologies that lead to future careers in the building trades. It is a competency based education and training process. Students develop such skills as rough and finish carpentry, concrete and masonry, electrical, plumbing and roofing. Students are partnered with a local contractor who serves as a host sponsor and co-supervisor in student’s on-site educational plan and experience. Students develop advanced worker competencies through appropriate on-the-job experiences supervised by the cooperative teacher and host employer. The supervising instructor and host employer will develop a competency and experience task list to be completed during student training. Students will provide their own transportation to and from the site. Students must be prepared to work outdoors and purchase some of their own tools. Students cannot work for a relative.

This internship may or may not be paid. Some, but not all hours may occur during the school day. Students must spend at least (10) hours per week at a worksite and keep a journal concerning their internship experience.

Interrelated Work Training (22153A001) - Grades 11, 12 – 1 year - 2 credits

Prerequisite – Approval of supervising instructor and cooperating host employer. Students must have a job by the 5th day of class on one of the approved related settings within 15 miles of the high school. Students must have completed two years in a related vocational sequence in order to enter this program. A minimum of 12 credits is required to qualify for this program.

Requirements: Safety Glasses, Provide your own or purchase from school

*Course fees are subject to change.

Manufacturing Technologies:**MANUFACTURING COURSE SEQUENCE**

Course Title (Ceanci Course Number)	Prerequisite or Concurrent Course Enrollment	Credits Per Sem	Length in Sems	Grade Level
<u>Orientation</u>				
Illinois Plan for Industrial Education	None	.5	2	9, 10
Introduction to Manufacturing I	Illinois Plan	.5	2	10, 11, 12
<u>Preparation</u>				
Manufacturing II	Intro to Manufacturing	.5	2	11, 12
Cooperative Construction Work-Based Learning	Pre or Concurrent in Manufacturing II	1	2	11, 12
Interrelated Work Training	Pre or Concurrent in Manufacturing II	1	2	11, 12

Manufacturing I (13002A001) - Grades 10, 11, 12 - 1 year - 1 credit

Fee: \$50.00

Prerequisite - Completion of Illinois Plan for Industrial Education

Requirements: Safety Glasses, Provide your own or purchase from school

This course introduces students to the basic mechanical and technical skills common to most fields in the fabrication of metal parts in support of other manufacturing activities. Topics include shop safety, hand and power tool use, the operation and maintenance of precision metal working equipment, precision measurement, quality control, exploring the manufacturing process, instrumentation and blueprint reading. Students gain machining skills while working with lathes, milling machines, surface grinders, drill presses, and other equipment. In addition, students learn the basics of blueprint reading, precision measuring, layout, and machine process planning.

Manufacturing II (Manufacturing III and IV) (13203A001, 13203A002) Grades 11, 12 - 1 year - 1 credit

Fee: \$75.00

Prerequisite - Manufacturing I

Requirements: Safety Glasses, Provide your own or purchase from school

This course introduces students to the basic skills and machines needed in precision metal work. Students gain machining skills while working with lathes, milling machines, surface grinders, drill presses, and other equipment. In addition, students learn the basics of blueprint reading, precision measuring, layout, and machine process planning.

A course providing a planned sequence of learning experiences using group and individual activities in which students develop competencies in technological skills and concepts needed for employment in modern industrial workplaces. Course content focuses on material processes, emphasizing industrial applications in areas such as casting & molding, forming, separating, conditioning, assembling, finishing & process design, and control.

PLEASE NOTE:

The WHS manufacturing program curriculum is aligned with National Institute for Metalworking Skills (NIMS), which is a competency-based approach that provides the opportunity for benchmark achievement of each set of Core Competencies, and builds a portfolio of skills and credentials validating the acquired skilled levels. NIMS certification is a student option offered as part of the manufacturing courses. U.S. Department of Labor, Employment & Training Administration, Office of Apprenticeship, and many local manufacturing firms recognize these certificates, which increase the value of students entering employment or technical studies post-high school. ALL WHS manufacturing students will be taught skills aligned with NIMS standards, and those choosing to take NIMS certification tests must pay a one-time fee (good for a life-time) to join NIMS, and a fee for each area in which they seek certification.

The National Institute for Metalworking Skills (NIMS) was formed in 1995 by the metalworking trade associations to develop and maintain a globally competitive American workforce. NIMS sets skills standards for the industry, certifies individual skills against the standards and accredits training programs that meet NIMS quality requirements.

NIMS operates under rigorous and highly disciplined processes as the only developer of American National Standards for the nation's metalworking industry accredited by the American National Standards Institute (ANSI). For further information about NIMS, visit their website: <https://www.nims-skills.org/web/nims/home>

Industrial Technology Work-Based Learning - Grades 11, 12 – 1 year - 2 credits

Prerequisite - Concurrent enrollment in one of the advanced industrial courses and approval of supervising instructor and cooperating host employer.

Requirements: Safety Glasses, provide your own or purchase from school

Interrelated Work Training (22153A001) - Grades 11, 12 – 1 year - 2 credits

Prerequisite – Approval of supervising instructor and cooperating host employer. Students must have a job by the 5th day of class on one of the approved related settings within 15 miles of the high school. Students must have completed two years in a related vocational sequence in order to enter this program. A minimum of 12 credits is required to qualify for this program.

Requirements: Safety Glasses, provide your own or purchase from school

*Course fees are subject to change.

Engineering & Design Technologies:

Project Lead the Way (PLTW) - This high school program is a four year sequence of courses which, when combined with traditional mathematics and science courses in high school, introduces students to the scope, rigor and discipline of engineering prior to entering college. However, those not intending to pursue further formal education will benefit greatly from the knowledge and logical thought processes that result from taking some or all of the courses provided. For more information about this program go to www.pltw.org/hsprograms.html.

PLTW COURSE SEQUENCING AND DESCRIPTIONS

<u>Course Title (CEANCI Course Number)</u>	<u>Prerequisite or Concurrent Enrollment</u>	<u>Credits Per Sem</u>	<u>Length in Sems</u>	<u>Grade Level</u>
<u>Orientation</u>				
Illinois Plan for Industrial Education (IPIE) (80001) Optional class for this program	None	.5	2	9,10
Introduction to Engineering Design (IED) (81503 & 81504)	Co enrollment in math & science	.5	2	9,10
Principles of Engineering (POE) (81501 & 81502)	IED or Instructor Consent	.5	2	10,11,12
<u>Preparation</u>				
Digital Electronics (DE) (72005) (Byron High School)	Pre IPIE, or Pre or Concurrent POE, or Instructor Consent	.5	2	10,11,12
Civil Engineering & Architecture (CEA) (81505 & 81506) (Byron High School)	IED, POE, and Pre or Concurrent DE	.5	2	11,12
Computer Integrated Manufacturing (CIM) (76003 & 76004)	IED, POE, and Pre or Concurrent DE	.5	2	11,12
Engineering Design and Development (EDD)	CEA or CIM	.5	2	12
Industrial Technology Work Based Learning (73510)	Pre or Concurrent CEA or CIM	1	2	11,12
Interrelated Work Training (90003)	Pre or Concurrent CEA or CIM	1	2	11,12

Introduction to Engineering Design (IED) (21006A001) – Grades 9, 10, 11, 12 – 1 year - 1 credit

Prerequisite - Concurrent enrollment in math and science courses

PLTW Core Course Offering

Requirements: Safety Glasses, provide your own or purchase from school

This course teaches problem-solving skills using a design development process. Models of product solutions are created, analyzed and communicated using solid modeling computer design software. Drafting and engineering skills are developed through practical assignments utilizing problem solving methods, sketching, drawings, modeling, and project presentations. This course is intended for students interested in any engineering or technical field. It contains a strong content of math and science, which enhances comprehension of technological concepts and teaches the interrelation of subjects through practical applications.

Principles of Engineering (POE) (21004A001) - Grades 10, 11, 12 - 1 year - 1 credit

Prerequisite – Successful completion of IED or instructor approval; concurrent enrollment in math and science courses
PLTW Core Course Offering
Requirements: Safety Glasses, provide your own or purchase from school

This course helps students understand the field of engineering/engineering technology. Exploring various technology systems and manufacturing processes helps students learn how engineers and technicians use math, science, and technology in an engineering problem solving process to benefit people. The course also includes concerns about social and political consequences of technological change. Students develop engineering design and practical application skills through many real world problem-solving activities. Students complete individual and team assignments with extensive usage of industry standard computer-aided design (CAD) and inventor software.

Digital Electronics (DE) (21008A001) – Grades 10, 11, 12 – 1 year - 1 credit

Prerequisite – Successful completion of POE or Illinois Plan or instructor approval
Recommendation: Algebra I
NOTE - PLTW Core Course Offering. This course will be offered through regional cooperative.
Requirements: Safety Glasses, provide your own or purchase from school

This is a course in applied logic that encompasses the application of electronic circuits and devices. Computer simulation software is used to design and test digital circuitry prior to the actual construction of circuits and devices. Students will use computer simulation to learn about the logic of electronics as they design, test, and actually construct circuits and devices. This course develops an understanding of electrical theories, component functions, assembly and testing of electronic devices.

Civil Engineering & Architecture (CEA) (21012A001) - Grades 11,12 – 1 year - 1 credit

Prerequisite – Successful completion of IED, POE, or instructor approval
Recommended – Completion of Algebra I
NOTE –This is a PLTW specific advanced course. This course will be offered through regional cooperative.
Requirements: Safety Glasses, provide your own or purchase from school

This course provides an overview of the fields of Civil Engineering and Architecture, while emphasizing the interrelationship and dependence of both fields on each other. Students use state-of-the-art software to solve real world problems and communicate solutions to hands-on projects and activities. This course covers topics such as the roles of civil engineers and architects, project planning, site planning, building design, project documentation, and presentation. By developing plans for real world projects such as parks, playgrounds, or homes, students experience first hand the job responsibilities of architects and civil engineers. By the end of the course, students are able to give a complete presentation to the client including 3-dimensional renderings of buildings and improvements, zoning and ordinance constraints, infrastructure requirements, and other essential project plans.

Industrial Technology Work-Based Learning - Grades 11, 12 – 1 year - 2 credits

Prerequisite - Concurrent enrollment in one of the advanced industrial courses and approval of supervising instructor and cooperating host employer.
Requirements: Safety Glasses, provide your own or purchase from school

Civil Engineering & Architecture (CEA) (21012A001) - Grades 11,12 – 1 year -1 credit

Prerequisite –Successful completion of IED, POE, or instructor approval
Recommended – Completion of Algebra I
NOTE –This is a PLTW specific advanced course. This course will be offered at Byron High School.
Requirements: Safety Glasses, Provide your own or purchase from school

This course provides an overview of the fields of Civil Engineering and Architecture and their interdependence. Students use state of the art software to solve real world problems through hands-on activities. By developing plans for real world projects such as parks, playgrounds, or homes, students experience first hand the job responsibilities of architects and civil engineers. By the end of the course, students are able to give a complete presentation to the client including 3-dimensional renderings of buildings and improvements, zoning and ordinance constraints, infrastructure requirements, and other essential project plans.

Computer Integrated Manufacturing (CIM) (13203A006) - Grades 11, 12 – 1 year - 1 credit

Prerequisite – Successful completion of IED, POE or instructor approval

Recommended – Completion of Algebra I, Pre or concurrent enrollment in Digital Electronics

This is a PLTW specific advanced course.

Requirements: Safety Glasses, provide your own or purchase from school

This course applies principles of robotics and automation in manufacturing through computer control. The course builds on computer solid modeling skills developed in Introduction to Engineering Design. Students use CNC equipment to produce actual models of their three-dimensional designs. Fundamental concepts of robotics used in automated manufacturing and design analysis are included. Using a 3-dimensional model, students use automation, control systems, sensing devices, computer programming and robotics to efficiently mass produce products. Students utilize manufacturing process skills, and apply them to make components of 3-D models used in product design and development. Student learning on CNC machining fundamentals of G&M codes, program writing, machining and CAM software is emphasized.

Engineering Design and Development (EDD) (21007A002) - Grade 12 – 1 year - 1 credit

Prerequisite – 3 core PLTW courses and either CEA or CIM

Requirements: Safety Glasses, provide your own or purchase from school

This course is an advanced course in which students demonstrate mastery of knowledge and skills from previous pre-engineering courses to develop an original product or machine design. In groups using project-based learning, students research, design, and construct a solution to an engineering problem. Students apply principles developed in the preceding courses and are guided by an industry mentor. Students must present progress reports, submit a final written report, and defend their solutions to a panel of outside reviewers at the end of the course. Students are placed in management situations in production operations to develop leadership and entrepreneurship skills. Students are responsible for scheduling, pricing, procuring materials and equipment, and the maintaining of equipment. In this capstone course, students and teams of students spend the year solving problems of their own choosing.

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***Be Here Now grade:**

10% of the semester grade; weekly score entered.

Student is in attendance, ready to learn and on time = 10 points

Student is absent or tardy = no points

(exception—if staff/administrator keeps student, the student receives points for being present and on time--a **signed pass or e-mail** from staff is required to excuse)

Student leaves early = ½ points (unless leaving with another staff member for school purposes)

MATH DEPARTMENT COURSE SEQUENCES 19-20

	9th	10th	11th	12th
I - 1	Algebra I	Algebra II	Geometry	Advanced Math & Trig
I - 2	Algebra I	Algebra II	Geometry	Dual Credit/Statistics
I - 3	Algebra I	Algebra II	Geometry	Finite/Stats
I - 4	Algebra I	Algebra II	Geometry Concepts	Finite/Stats or Math Literacy
I - 5	Algebra I	Geometry Concepts *	Algebra II	Finite/Stats or Math Literacy
II - 1	Algebra II	Geometry	Advanced Math & Trig	Dual Credit/Calculus
II - 2	Algebra II	Geometry	Advanced Math & Trig	Dual Credit/Statistics
II - 3	Algebra II	Geometry	Advanced Math & Trig	Finite/Stats
II - 4	Algebra II	Geometry	Finite/Stats	Advanced Math & Trig
II - 5	Algebra II	Geometry	Finite/Stats	Dual Credit/Statistics
II - 6	Algebra II	Geometry Concepts *	Finite Stats	Math Literacy

* With department approval

Students must take a math class during their 9th, 10th, & 11th grade years.

Students may take both Algebra II & Geometry in the same year (except 9th grade) with Math Department approval*.

Students may take both Geometry & Advanced Math & Trig in the same year with Math Department approval*.

Students may take both Dual Credit & Advanced Math & Trig in the same year with Math Department approval*.

Students may take both Dual Credit & Dual Credit in the same year with Math Department approval*.

*Departmental approval will be based upon grades in prerequisite classes.

MATH DEPARTMENT

The math department recommends each student to purchase a scientific calculator – TI 30X. If considering purchasing a graphing calculator, we recommend the TI-84 Plus, but this is not a requirement for most math classes at WHS.

Algebra I (02052A001) - Grades 9, 10, 11, 12 - 1 year - 1 credit

This course is designed to introduce students to the concept of working and solving for unknown quantities in equations with one and multiple variables. Other topics include writing and graphing linear equations; solving systems of equations; simplifying polynomials and factoring, solving and graphing quadratic equations.

Algebra I Enrichment - Grades 9, 10, 11, 12 - 1 year - 1 Elective Credit

Recommendation: For students who struggle in math and want extra practice and constant feedback. If you have previously failed Algebra I without Enrichment or if you earned a grade lower than a C in 8th grade, then enroll in Algebra I Enrichment while taking Algebra I.

This course is designed for students who have struggled to succeed in previous math coursework. This course will be taught by a Mathematics Teacher. The course will provide opportunities for reinforcement and application of course content to enhance the understanding of the curriculum. Students will complete a final exam.

Algebra II (02056A001) – Grades 9, 10, 11, 12 - 1 year - 1 credit

Prerequisite - Teacher recommendation, or successful completion of Algebra I

This course is designed to build upon student's Algebra I concepts as well as explore more advanced concepts. More emphasis is placed on the applications of mathematics principles, theoretical aspects and word problems with less emphasis on mere substitution. The major units of study are solving systems of equations using multiple methods, linear programming, simplifying radicals and fractional exponents, writing equations and inequalities for quadratics and graphing them, solving quadratic equations, the evaluation of the six trigonometric ratios, using right-triangle trigonometry to solve problems, counting and probability methods, simplifying rational expressions, and solving rational equations.

Algebra II Enrichment - Grades 9, 10, 11, 12 - 1 year - 1 Elective credit

This course is designed for students who have struggled to succeed in previous math coursework. The course will provide opportunities for reinforcement and application of course content to enhance the understanding of the curriculum, and it will be taught by a certified Mathematics Teacher.

Students enrolled in this class have described it as an “amped up study hall just for math class.” During class students will complete guided examples and warm up problems to allow students to successfully complete Algebra II assignments. Occasional assignments will be graded for accuracy. Students will complete a final exam.

Geometry Concepts – Grades 10, 11, 12 – 1 year - 1 credit

Prerequisite: Instructor Recommendation Only

**Credit not available to students who have earned credit for Geometry or beyond

This course focuses on basic Euclidean Geometry. Areas of study include the topics and properties in plane geometry to solve problems, inductive and deductive reasoning, polygons, circles, area, and volume. Problem solving techniques will include algebraic skills developed in Algebra I and its equivalent. Topics will be discovered and enhanced through the use of projects and technology.

Geometry (02072A001) - Grades 10, 11, 12 – 1 year - 1 credit

Prerequisite - Successful completion of Algebra II, or concurrent enrollment in Algebra II with department approval

This course focuses on basic Euclidean geometry. Areas of study include the topics and properties in plane geometry to solve problems, geometric construction, deductive reasoning, and methods of formal proof, polygons, circles, area, volume, and transformations on graphs. Problem solving techniques learned in Algebra II are used regularly in this course.

Advanced Math & Trigonometry (02105A001) - Grades 11, 12 - 1 year - 1 credit

Prerequisite - Successful completion of Algebra II and Geometry

It is recommended that students have a B average or higher in both Algebra I and Algebra II; and have achieved college readiness as determined by standardized testing.

This course is designed to prepare students for college level mathematics courses including Calculus. This course should advance students' deductive reasoning skills. The major units of study are graphing parent functions, rational functions, polynomial functions, and conic equations, as well as development of the unit circle, applications of trigonometry, and exponential and logarithmic equations, sequence and series problems, and application of vectors.

Finite-Statistics – Grade 11, 12 – 1 year - 1 credit

Prerequisite – Successful completion of Algebra II and Geometry or Geometry Concept

This course is designed to introduce students to Finite and Statistics. Finite topics will include solving and graphing systems of linear equations and inequalities using the Gauss-Jordan, Gaussian Elimination method, and the simplex method. Also applications of matrices, logic, probability, counting, and statistics to business-related problems to present and support a solution will be covered in-depth. Statistics topics will provide students opportunity to gather, organize, interpret, and describe a set of data with the tools of descriptive statistics, apply probability rules to investigate events, calculate normal, binomial, and sample distributions, and create and test hypotheses to make inferences about populations.

Mathematical Literacy (equivalent to RVC MTH 096)- Grade 12 - 1 year - 1 credit

Prerequisite: 12th Graders that have successfully fulfilled 3 year math requirements for graduation, and who have not achieved college readiness.

Mathematical Literacy is a yearlong course integrating numeracy, proportional reasoning, algebraic reasoning, and functions. Statistics topics will provide students opportunity to gather, organize, interpret, and describe a set of data with the tools of descriptive statistics, apply probability rules to investigate events, calculate normal, binomial, and sample distributions, and create and test hypotheses to make inferences about populations. Students will develop conceptual and procedural tools that support the use of key mathematical concepts in a variety of contexts as well as using applications of statistics in relation to business-related problems to present and support a solution. Throughout the course, college success content will be integrated with mathematical topics. Successful completion (C or better) will guarantee a student placement in credit bearing math courses at RVC or at Illinois Community Colleges.

Dual Credit Statistics (Rock Valley College Math 220 - Elements of Statistics) -Grade 11, 12

1 year - 1 WHS Credit, 3 RVC Credits issued for Spring semester 2021

Prerequisite - Acuplacer scores: Reading 70 and Sentence Skills 76 **OR** ACT: Reading 19 and English 19 **OR** SAT: Reading 510 **PLUS** Accuplacer Math Test Score: 81 **OR** SAT Math Subscore: 470 **OR** ACT math Subscore: 18. RVC Enrollment form completed and submitted to WHS academic advising; Dual Credit Enrollment Form completed and submitted to WHS Academic Advising, RVC student account created. All RVC dates/deadlines/procedures apply.

Course will be held on WHS campus during regular school day. Note: This course could be taken concurrently with Advanced Math and Trigonometry, or with Dual Credit Calculus. Student must have successfully completed Algebra II and Geometry.

Elements of statistics is intended primarily for students enrolled in life science or social science, or others interested in elementary statistics. This course uses the graphing calculator extensively to allow emphasis on conceptual understanding instead of hand calculations. Topics included are measures of central tendency and variability, graphical presentation of data, normal and binomial distributions, t- and chi-square distributions, sampling, and correlation. This course is not intended to apply toward a major or minor in mathematics.

**The student is required to purchase a TI-84 graphing calculator and the textbook and have both on the first day of school in August.

**Tuition and fees are determined by Rock Valley College and are paid by District 323.

Dual Credit Calculus (Rock Valley College Math 135- Calculus w/ Analytic Geometry)-Grade 12

1 year - 1 WHS Credit, 5 RVC Credits issued for Spring semester 2021

Prerequisite - Acuplacer scores: Reading 70 and Sentence Skills 76 **OR** ACT: Reading 19 and English 19 **OR** SAT:

Reading 510 **PLUS** Accuplacer Math Test Score: TBA/RVC **OR** SAT Math Subscore: 620 **OR** ACT math Subscore: 26. RVC Enrollment form completed and submitted to WHS academic advising; Dual Credit Enrollment Form completed and submitted to WHS Academic Advising, RVC student account created. All RVC dates/deadlines/procedures apply.

Course will be held on WHS campus during regular school day. Note: This course can be taken concurrently with Dual Credit Statistics. Students must have successfully completed Advanced Math & Trigonometry.

This is a first year course in calculus. Topics included are: a brief review of functions, trigonometric functions, inverse functions, and exponential/logarithmic functions; a thorough study of limits, continuity, derivatives, applications of derivatives, and integrals.

**The student is required to purchase a TI-84 graphing calculator and the textbook and have both by the first day of school in August.

**Tuition and fees are determined by Rock Valley College and paid by District 323.

MUSIC DEPARTMENT

Beginning Band – Grade 9, 10, 11, 12 – one year - 1 credit

Can only be taken as a full year course

Beginning Band is an accelerated band class open to any student not presently enrolled in band. The course is a comprehensive study in basic technical skills, music reading, and technique. Students will be offered guidance in the selection of an instrument. Instruction in flute, clarinet, bass clarinet, oboe, bassoon, saxophone, trumpet, French horn, trombone, euphonium and tuba, is offered. A limited number of school owned instruments are available for rental. A reasonable amount of practice is required of all students. One or more performances outside of the school day will be part of each student's grade each semester.

Students will have the option to continue to perform in the Concert Band or the Wind Symphony upon successful completion of beginning band.

Concert Band (05101A001) – Grade 9, 10, 11 – 1 year - 1 credit

Can only be taken as a full year class

This course is designed to give students an opportunity to continue to develop their musicianship. Through performance on a standard wind or percussion instrument, individual students will develop their technical and musical ability and increase their knowledge of music and its appreciation. A minimal amount of home practice is required each week. Performances at concerts, football games and basketball games are part of each student's grade.

Wind Symphony (05102A001) - Grades 9, 10, 11, 12 - 1 year - 1 credit

Can only be taken as a full year class

This course is designed to give students an opportunity to develop musicianship through performance on a standard wind or percussion instrument. It will also help the individual student develop their technical and musical ability on their instrument and increase their knowledge of music and its appreciation. A minimal amount of home practice is required each week. Performances at concerts, football games and basketball games are part of each student's grade.

Symphonic Winds (05104A001)- Grades 9, 10, 11, 12 - 1 year - 1 credit

Can only be taken as a full year class

Prerequisite - Audition or approval of director

The Symphonic Winds is an auditioned group geared to the student who wants to develop musical skills to a higher degree. This class takes a more classical approach to musical standards. Students are required to perform at solo/ensemble contest and to participate in judged organizational events. A minimal amount of home practice is required each week. Performances at concerts, football games and basketball games are part of each student's grade.

Chorus (05110A001) – Grades 9, 10, 11, 12 - 1 year - 1 credit

Chorus helps any and all students to develop better singing technique and to gain a fundamental understanding of the language of music, music theory and music history. To accomplish this, the chorus sings music of varying styles (classical, popular, spirituals, folk, contemporary). Students perform in two concerts every year and may also compete in IHSA Solo and Ensemble Contest. A reference textbook is provided for use on a daily basis. Students receive daily participation points. Attendance at concerts is a mandatory part of each student's grade.

Chorale - Grades 9, 10, 11, 12 - 1 year - 1 credit

Can only be taken as a full year course.

Prerequisites - Vocal Audition and written test with director approval.

Chorale is an auditioned class intended for students interested in a more intense study of the vocal musical arts. Students in Chorale will build upon skills they have already acquired from prior music training. All interested students should make an appointment with the director to test for entrance into the class. Students can expect to participate in IHSA Solo and Ensemble Contest, IHSA Organizational Contest, and all performance events (Concerts, Variety Show, etc.). Mandatory performances are usually outside of school hours. Performances and daily participation grades are a major part of every student's grade.

Beginning Guitar Class – Grade 9, 10, 11, 12 – 1 semester - 1/2 credit

This performance-based course is designed for students with no previous guitar experience. Students will learn strategies, skills, and techniques required to become a proficient guitarist. The course will focus on several aspects of guitar playing including playing technique, reading music and tablature, aural skills, rhythmic patterns, chord study, musical forms, improvisation, and performing. Students will be assessed on their knowledge of course material, participation in class, completion of coursework, and musical performance. Acoustic guitars will be used in class.

Music Appreciation (05118A001) – Grades 9, 10, 11, 12 – 1 semester - 1/2 credit

Music Appreciation studies music from multiple time periods (Medieval, Renaissance, Baroque, Classical, Romantic, 20th and 21st Century) and explores music of different styles (choral v. instrumental, jazz v. pop v. classical). The class will also examine movie music and musical theatre and will use recordings and videos to provide examples of culture from selected time periods. The class may also examine the elements of music (rhythm, melody, harmony, form, etc.), jobs in music, majors in music, and/or the process of producing music while exploring the role that music plays in everyday life. Students will keep a Listening Diary of music assigned from selected radio stations, take quizzes/tests over the units covered, and complete one major project for each 9 week period. The project could include a presentation to the class about a specific piece, participation in a class recital, or a term paper further discussing a topic approached during class.

Music Theory – Grades 9, 10, 11, 12 - 1 year - 1 credit

Previous music experience is highly recommended

Music Theory will help students analyze, compose and record their own musical compositions. The class will build on the fundamental elements of music theory (pitch, rhythm, scales, intervals, triads, harmony), discuss song styles, musical forms, and techniques in various musical genres. Students will be assessed in a variety of ways including written and listening exams, musical analysis, written papers and reflections, vocal and instrumental (piano and/or guitar) performance, and their own musical compositions.

PHYSICAL EDUCATION DEPARTMENT

The primary focus in Physical Education is on lifelong health and fitness.

Physical Education (08001A001) - Grades 9, 10, 11, 12 - 1 sem to 1 year - 1/2 - 1 credit

Students are required to take one semester of PE opposite Driver Education and Health. Two semesters are required each year for junior and senior level students

This class emphasizes students achieving and maintaining activity levels in their target heart rate zone. Instruction will also continue to focus on individual and team activities. Grades are based on time spent in target heart rate zone, dressing for class, completion of warm up exercises, participation, cooperation, and sportsmanship..

Lifetime Wellness (08016A001) – Grades 10, 11, 12 – 1 sem to 1 year - 1/2 - 1 credit

Students are required to take one semester of PE opposite Driver Education. Two semesters are required each year for junior and senior level students.

This class will promote life-long physical well-being through personal goal setting as it pertains to fitness and lifetime sports and activities. This class is geared towards the student who is motivated to achieve physical fitness without the traditional competitive sport aspect.

Strength and Conditioning (08047A001) - Grades 10, 11, 12 – 1 semester to 1 year - 1/2 – 1 credit

Strength and Conditioning focuses on the components of health related fitness. This will include cardiovascular endurance, flexibility, agility, body composition, and muscular strength. This course is aimed at any student focused on health related fitness and not focused on traditional sports. Students will assess their own fitness levels on a regular basis throughout the course.

PE Leader Grade 12 - 1 semester - 1/2 credit

Prerequisite – Teacher approval

This independent study class will involve working as an assistant in teaching lower level students. Students will be involved in cross-age tutoring with individuals and small groups. This is a good course for any senior interested in the education field in **any** subject area. There will be weekly assignments. An application process is required. There are a limited number of PE Leader positions available.

C.R.E.W. Leader - Grade 10, 11, 12 - 1 semester to 1 year - 1/2- 1 credit

Prerequisite - Teacher approval

This class will involve working as a leader in the C.R.E.W. adapted physical education class. Students will assist the C.R.E.W. students in completing their daily activities. An application process is required. There are a limited number of C.R.E.W. Leader positions available.

Health (08051A001) - Grade 9 - 1 semester - 1/2 credit

Required Course

Students will cover areas in mental health, nutrition, fitness, human growth and development, drug abuse, environmental health, and diseases, and sexual health and wellness.

PHYSICAL EDUCATION EXEMPTION POLICY

It shall be the policy of District #323 that students classified as juniors and seniors may request exemption from Physical Education (PE) for the following reasons:

1. The student is determined to be participating in IHSA recognized interscholastic athletics as documented by the appropriate district personnel. Students participating in winter athletics, which compete during both semesters, will have the option of exempting from either the fall or spring semester, but not both. This will allow athletes to complete a semester class during their exemption from PE.
2. The student provides written evidence from an institution of higher education that a specific course not included in existing state or local school minimum graduation standards is required for admission. School district staff must verify that the student's schedule will not permit completion of the needed course.
3. The student lacks sufficient course credit of one or more courses required by state statute or local school board policies for graduation. Students who have failed required courses, transferred into the district with deficient credits, or who lack credits due to other causes will be eligible to apply for this exemption.
4. The student presents official documentation from a medical doctor that he/she is incapable of participation.

A student must successfully complete four (4) years of physical education (to include one semester of health and one semester of driver education) unless a special request is initiated and approved by district personnel in accordance with state of Illinois guidelines.

PLEASE NOTE: Students must apply for exemption prior to the semester they are intending to opt out of. Students who request exemption from PE must be enrolled in a minimum of 7 academic courses.

SCIENCE DEPARTMENT COURSE SEQUENCE

COURSE SEQUENCE OPTIONS
Freshmen
Earth Science
Sophomore
Biology* Chemistry* Earth Science*
Junior
Biology* Advanced Biology* Earth Science* Environmental Science* Chemistry* Honors Chemistry* Advanced Chemistry* Physical Science* Physics* Anatomy and Physiology* Dual Credit Biology*
Senior
Advanced Biology* Environmental Science* Chemistry* Honors Chemistry* Advanced Chemistry* Physical Science* Physics* Anatomy and Physiology* Dual Credit Biology*

*Requires Prerequisite

PREREQUISITES

Anatomy and Physiology

- Placement in course is determined by high school Science Department faculty, based on successful completion of Chemistry/Honors Chemistry, recommendation of B or higher.

Advanced Biology

- Successful completion of Chemistry/Honors Chemistry, recommendation of B or higher

Honors Chemistry

- Placement in course is determined by high school Science Department faculty, based on successful completion of Algebra II **and** Biology, recommendation of B or higher

Chemistry

- Passed Algebra I and Biology/Honors Biology and currently enrolled in or has passed Algebra II

Advanced Chemistry

- Successful completion of Algebra II and Chemistry/Honors Chemistry

Earth Science

- If sophomore or junior, must have passed Physical Science or Biology/Honors Biology.

Environmental Science

- Passed Physical Science or Chemistry/Honors Chemistry **and** Biology or Honors Biology

Physics

- Passed Chemistry/Honors Chemistry and currently enrolled in or has passed Trigonometry

Physical Science

- Passed Earth Science and Biology

Dual Credit Biology

- Acuplacer scores: Reading 70 and Sentence Skills 76 **OR** ACT: Reading 19 and English 19 **OR** SAT: Reading 510. RVC Enrollment form and RVC Dual Credit Enrollment form required.

SCIENCE DEPARTMENT

Earth Science (03001A000) – Grades 9, 10, 11 – 1 year - 1 credit Requirement for class of 2024

Prerequisite - **Sophomore** or junior must have successfully passed physical science or biology.

Earth Science is designed to promote scientific literacy, digital literacy, understanding, and experimentation in the multidisciplinary fields of Earth and space science. Students can expect to focus on Earth and space processes and human impact on those processes. Students will be expected to participate in dynamic group activities, in which current events are used to illustrate the importance of having a basic understanding of how the Earth functions.

Students taking Earth Science should be interested in the world around them and be prepared to be an active participant in the course. This is an inquiry-based course involving critical thinking, analysis and application..

Biology (03051A000) - Grades 10, 11 – 1 year - 1 credit

Prerequisite – Successful completion of Earth Science.

Students will use scientific practices to learn about our biological world. This course focuses on biological concepts including ecology, evolution, cell energetics, genetics, DNA and biotechnology. Students will conduct laboratory experiments, projects, and presentations to reinforce concepts and learn relevant skills.

Advanced Biology (03052A000) – Grades 11, 12 – 1 year - 1 credit (offered 2021-22)

Prerequisite - Successful completion of Biology or Honors Biology, **and** Chemistry or Honors Chemistry.

Recommendation of B or higher

This course builds upon knowledge obtained in Biology with a focus on molecular biology and microbiology. Major units include biochemistry, biochemical processes, DNA and molecular biology, biotechnology, genetics, microbiology, and evolution. Students will design, conduct, and analyze experiments, learning advanced laboratory skills and techniques. Students will also gain experience writing, presenting and discussing scientific information. The course will assist those students planning a career in the sciences. Success in the course requires strong study skills, discipline, and self motivation.

Chemistry (03101A000) – Grades 10, 11, 12 – 1 year - 1 credit

Prerequisite - **Class of 2023 and prior** -Passed Algebra I **and** Biology or Honors Biology and currently enrolled in or has passed Algebra II. **Class of 2024** - Passed Algebra I and Earth and currently enrolled in or has passed Algebra II

Chemistry is a year-long laboratory course that introduces the fundamental language, ideas and tools used in the study of chemistry. This course requires a proficiency in algebra. Topics include measurements, atomic structure, the periodic table, stoichiometry, solutions, balancing equations, chemical nomenclature, thermodynamics and acid/base theory. This course requires strong study skills, discipline, and the ability to collaborate in small groups and work independently. Students are expected to use technology-based textbooks and complete online assignments.

Honors Chemistry (03101A000)– Grade 10 – 1 year - 1 credit

Prerequisite – Placement in course is determined by high school Science Department faculty, based on successful completion of Algebra II **and** Honors Biology.

Recommendation of B or higher

Honors Chemistry is a year-long laboratory course that introduces the fundamental language, ideas and tools used in the study of chemistry. This course requires a proficiency in algebra and a basic knowledge of geometry. This advanced introductory high school chemistry course covers key topics such as atomic structure, chemical nomenclature, stoichiometry, the periodic table, chemical bonding, equilibrium, kinetics, thermodynamics, and common laboratory practices. This course requires strong study skills, discipline, and the ability to collaborate in small groups and work independently. Students are expected to use technology-based textbooks and complete online assignments.

Amended 3-13-2020 - Earth Science and Chemistry

Advanced Chemistry (03102A000)- Grades 11, 12 – 1 year - 1 credit

Prerequisite - Successful completion of Algebra II **and** Chemistry or Honors Chemistry, Recommendation or B's or higher

This course provides an advanced study in chemistry. Topics include thermochemistry, rates of reactions, advanced equilibrium, and organic chemistry. A review of Chemistry I topics will be included in this course, as well as advanced laboratory techniques. Students are expected to use technology-based textbooks and complete online assignments.

Physical Science (03159A000) - Grade 11-12 – 1 year - 1 credit

Prerequisite – Successful completion of Earth Science and Biology

This course is designed to give students an overview of the practices used in the sciences. Students will use scientific inquiry and practices to investigate phenomenon in the areas of physical science. One semester will investigate chemistry; one semester will investigate physics. These topics will be reinforced through the use of laboratory experiments and projects.

Environmental Science (03003A000) -- Grades 11, 12 -- 1 year - 1 credit

Prerequisite - Passed Physical Science, Chemistry, or Honors Chemistry **and** Biology or Honors Biology.

This course is an interdisciplinary laboratory science course that enables students to develop an understanding of natural and man-made environments and environmental problems the world faces. Students explore environmental science concepts through an inquiry-based approach. Topics include Earth systems, the living world, human population, water and land resources, energy resources and consumption, pollution and waste production, global impact, and civic responsibility. This course requires the ability to collaborate in small groups and work independently. Students are expected to use technology-based textbooks and complete online assignments.

Physics (03151A001) – Grades 11, 12 – 1 year - 1 credit

Prerequisite - Passed Chemistry or Honors Chemistry **and** currently enrolled in or has passed Trigonometry.

This course provides an introduction to physics for students interested in an advanced science class. Topics include kinetics, dynamics, heat, wave motion, sound, light, electrostatics, and electrical systems. This course will include projects and laboratory experiments to reinforce the concepts.

Anatomy and Physiology (03053A000) - Grades 11, 12 – 1 year - 1 credit (offered 2020-21)

Prerequisite - Placement in course is determined by high school Science Department faculty, based on successful completion completion of Biology/ Honors Biology, **and** Chemistry or Honors Chemistry. Recommendation of B or higher

This course provides a general overview of the human body. It will focus on the structure, function, organization and interrelationships of systems within the human body. This is an advanced biological science class, where an emphasis on clinical application of laboratory skills, writing, and presentation will assist those students planning a career in the life sciences. Success in the course requires strong memorization and study skills and self-motivation.

Dual Credit Biology with Lab (RVC - Biology 103 Introductory Life Science) - Grades 11, 12 - 1 year - 1 credit WHS, 4 RVC Credits spring of 2020

Prerequisite - Students must have completed two years of high school science prior. Acuplacer Reading score 70 and sentence skills 76, ACT Reading 19 and English 19, or SAT ERW 510. RVC Enrollment form completed and submitted to WHS Academic Advising: Dual Credit Enrollment Form completed and submitted to Academic Advising.

Introductory Life Science is designed as an introductory life science course for liberal arts majors or other students interested in a survey of biological principles. Topics covered range from the cell and the theory of evolution to genetic engineering. RVC Credits: 3

LAB (RVC BIO 104 Introductory Life Science Laboratory)

Introductory Life Science Laboratory is intended as a laboratory experience to complement BIO 103. Students explore basic biological concepts such as cell theory, evolution, and genetic engineering through hands-on exercise and online laboratories. RVC Credits: 1

SOCIAL STUDIES DEPARTMENT

World History/Geography I (04052A001) - Grades 9, 10 - 1 year - 1 credit

This course covers the main concepts of world history from the Reformation to the end of World War I. Concepts covered are the Reformation, the Renaissance, the Age of Revolutions, the Growth of European National States, the Unification of Nations, the Imperial Powers, and World War I and its consequences. Goals of this course are to give students knowledge of western history, its effects on the people of the United States, and of the geography of the world during different points in history. The use of maps is stressed during each unit of the class. We will also study the changes in the world's culture, ideas, and economics throughout each period of history.

World History/Geography II – Grades 10, 11, 12 – 1 semester - 1/2 credit

This course is a continuation of World History I, which covers the period of history from the Renaissance to the end of World War I. This course would cover twentieth and twenty-first century world history from the 1920's to the present. The course would highlight the affects of modern era events on our lives today.

Ancient History (04060A001)– Grades 10, 11, 12 – 1 semester - 1/2 credit

This course is designed for those students who are interested in learning about the ancient civilizations that helped shape our world. This course will cover Egypt, Mesopotamia, Greece, Rome, and the Middle Ages. Students will learn how these great civilizations began, prospered, and then finally collapsed.

American Government (04151A001) - Grade 10 - 1 semester - 1/2 credit

Required course

This course is designed to give students a better understanding of the United States and Illinois Governments. The goals are to help students gain knowledge in the areas of civics, citizenship in the United States, the United States and Illinois Constitution, the purpose of our government, functions and responsibilities of the legislative, executive, and judicial branches of the government, how state and local governments serve the people and ways in which the federal and state governments work together. Students will attend a board meeting, which is required to pass the class, to see a government body in action. The United States and Illinois Constitution tests will be given in this course. All students must pass both tests as part of Illinois' graduation requirements.

Students who do not pass one or both constitution tests will be given a grade of "F" and will have to repeat the course.

Honors American Government (04151A001) - Grade 10 - 1 semester - 1/2 credit

Prerequisite- Social Studies department approval

This course is designed to give students a better understanding of the United States and Illinois Governments. The goals are to help students gain knowledge in the areas of civics, citizenship in the United States, the United States and Illinois Constitution, the purpose of our government, functions and responsibilities of the legislative, executive, and judicial branches of the government, how state and local governments serve the people and ways in which the federal and state governments work together. A focus on individual Supreme Court cases that affected the development of the United States will be evaluated. The actions of individuals during the formation of the United States will be studied to evaluate how those decisions impacted the changes made to the U.S. Constitution throughout the nation's history. Students will attend a board meeting, which is required to pass the class, to see a government body in action. The United States and Illinois Constitution tests will be given in this course. All students must pass both tests as part of Illinois' graduation requirements. This class fulfills a social studies requirement. **Students who do not pass one or both constitution tests will be given a grade of "F" and will have to repeat the course.**

U. S. History (04101A001) - Grade 11 - 1 year - 1 credit

Required course

Students will study the history of the United States from 1865-Present. Topics covered include Reconstruction, Westward Expansion, Industrialization, Progressivism, Imperialism, World War I, Roaring 20s, Great Depression, World War II, the Cold War Era, and the Era of Globalization. A myriad of instructional methods will be incorporated to promote student engagement and development with an emphasis on reading, writing, speaking, and listening. This course challenges students to connect past and present through higher level thinking skills.

Honors American Studies - Grade 11- 1 year - 2 credits - 2 class periods

Prerequisite – Successful completion of English 9 & English 10 and social studies department approval

American Studies is an integrated course for juniors that combine English 11 and American History. Students in this class will utilize higher-level thinking skills and participate in in-depth subject matter discussions. This course enhances the students' understanding and appreciation of the major periods of American culture by looking at the history, literature, music, and art. Emphasis will be placed on analyzing primary source documents through American history and their impact both short and long term. Students will analyze how literature and other arts reflect events, ideologies and movements throughout American history. The course is team taught by an English and a History teacher. The class is scheduled in a two period block with the students meeting both as a large group and in smaller groups. Each student will receive a grade for English 11 from the English teacher and a grade for American History from the history teacher. This course fulfills the requirements for U.S. History and English 11. This is a writing intensive course.

Sociology - Cultures and Societies (04258A001) - Grades 11, 12 - 1 year - 1 credit

The purpose of this course is to allow students to gain insight into the overall study of Sociology. Students will be able to achieve an understanding of the negative and positive factors influencing society and how these change from one time period and culture to another. The individual's role in society as well as the inequalities will be examined. Institutions of society such as family, education, science, and sport will be explored. This is a writing intensive course.

Psychology - Patterns of Behavior (04255A001) - Grades 11, 12 - 1 year - 1 credit

The purpose of this course is to allow students to gain insight into the overall study of psychology and its applications in understanding human behavior. First semester topics include: the history of psychology and various approaches to explaining behavior, the application of statistics and research, developmental changes and stages that are experienced from birth to death along with their impact on a person's mental state,, and a study of the structure and operation of the brain and their influence on behavior. Second semester topics include: the interpretation of sensory information by our mind, learning theory and memory, states of consciousness, social psychology, intelligence and personality, ending with abnormal psychology.

Political Issues/Civics (04153A001)- Grade 12 - 1 semester - 1/2 credit

Required course

Students will study the workings of the American Political System. Major areas of emphasis will be political ideologies, national politics, the economy, foreign policy, the environment, government institutions, discussion of current and controversial issues, service learning, simulations of the democratic process, and state and local issues and Constitutional issues. This course adds the fundamental concepts learned in American Government with a more in-depth look at the United States Constitution and how it relates to today's society.

Honors Political Issues/Civics - Grade 12 - 1 semester - 1/2 credit

Prerequisite - Social Studies department approval

This Honors course is a continuation of American Government with a more in-depth look at the United States Constitution and how it relates to today's society. Students will research court cases reviewed by the United States Supreme Court. Students will use various forms of media to explore various topics and express their own thoughts and ideas. This class fulfills a graduation requirement.

Economics (04201A001) – Grade 12 – 1 semester - 1/2 credit

Prerequisite – Successful completion of Career Education and U. S. History

Students will learn basic economic principles so they will better understand the world around them and be able to make educated economic decisions. Students will learn key concepts of macroeconomics and microeconomics, and examine the United States economy and policy as the growing global economic situation develops. This course fulfills the Consumer Economics requirement.

Consumer Economics (60507) - Grade 12 - 1 semester - 1/2 credit

Required course. See Family and Consumer Education Department for course description.

This class meets state graduation requirements, but is not a social studies course.

SPECIAL EDUCATION DEPARTMENT

The special education department offers a continuum of services designed to meet the needs of identified students. Services may include a variety of options as determined appropriate by a professional team in conjunction with parents and according to the guidelines set forth by the state of Illinois. Services may include consultation or monitoring, a specific academic course with a special education teacher, a regular classroom setting with special education teacher support, a supportive study hall for extra academic or organizational assistance, or a combination of services.

In order to receive services, students must be identified through a process which includes teacher referral; observation by professional staff; academic and psychological evaluation/testing by a school nurse, a school social worker, and a school psychologist; and a multi-disciplinary staffing before placement.

After identification of special education needs, students are assigned a caseworker who will help to coordinate and monitor the recommended services. Goals and objectives are established yearly for special education students at an annual review meeting during the second semester of the school year. An appropriate program is planned yearly to accomplish the state of Illinois and Winnebago school district graduation requirements.

STUDY HALL - Grades 9, 10, 11, 12 - 1 semester - No credit

One Study Hall per semester

This time is to be used for studying. Attendance is required and recorded as with all other courses.

Yearbook - Grades 9, 10, 11, 12 - 1 year - 1 credit

The WHS yearbook is a photo-based book, therefore interest and/or knowledge in photography is a plus but not a requirement. Students will learn and utilize skills in layout and design, copywriting, and photography to produce the yearbook using the desktop method. This course is mainly computer based. The first semester will focus on yearbook methods and terms and the second semester will focus primarily on designing the yearbook. Students must maintain a "C" or above in the first semester and have a strong work ethic in order to move on to the second semester. Selling of yearbook ads and outside class work is a requirement of the class.

Teaching Assistant - Grades 11, 12 - Students may earn no more than 1 credit in the course. Pass/Fail

Prerequisite: Instructor approval and completed application returned to Academic Advising prior to registration.

This independent study class will involve working as an assistant in classes at Winnebago Middle School or Winnebago High School. Students will be involved in cross-age tutoring with individuals and small groups. This is a good course for any high school student interested in education. In addition to working with younger students during this course, students will complete reflections on their experiences and other assignments. Limited to one teaching assistant per class period (no prep periods.)

Band Directing, Chorus Directing, Art Assistant, Foods Assistant, Science Assistant