

Westside High School



Course Planning Guide 2019-2020

WESTSIDE HIGH SCHOOL REGISTRATION

Dear Student and Parent:

This book is an extremely important part of student life at Westside High School because it contains critical information about modular scheduling, course offerings, graduation requirements, class rank, college planning and general program planning.

There are several key things to remember as you use this book to plan and implement your registration for school year 2019-2020:

- You are strongly encouraged to take courses every semester from the ACT core subjects of math, science, social studies, English and a world language. Your skills remain sharpest in these areas if they are practiced regularly, and these subjects form the core of a good basic education for any future you might envision. They also improve student performance on standardized tests like the ACT and SAT.
- High school is a great time to explore areas of interest, areas of strength, and to try different areas. Consider subject areas where you could challenge yourself with honors, AP, or dual enrollment courses. Look for areas where you would like to get experience related to something you might have interest.
- Take special note of the course “group” explanation on page 5 since the group is determined by the intensity or the pace and how hard you will be expected to work in the course.

Students who complete challenging courses and take a good selection of core and elective courses are better prepared for any post high school plans. Evidence shows students who complete Honors and Advanced Placement courses and who take a good selection of core courses are better prepared for college entrance exams and have greater success in post-secondary education.

If you have questions or concerns about any of the information in this guide, please contact our Counseling Department. Remember that student success is a matter of how many courses you take and how much you are willing to challenge yourself. Good luck with your planning.

Jay Opperman
Principal

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DIPLOMA REQUIREMENTS
WESTSIDE COMMUNITY SCHOOLS
EXIT OUTCOMES FOR THE CLASSES OF 2019, 2020

Students will demonstrate competency in:

1. Problem solving, critical thinking and decision making.
2. Communication and group interaction.
3. Verbal, quantitative, scientific and technological literacy.
4. Thinking and expressing themselves creatively and responding to the creative works of others.
5. Understanding the heritage of the United States and the skills of participating in a democratic society.
6. Living successfully in a multicultural, global society.
7. Enhancing and sustaining self-esteem through personal honesty, adequate knowledge of self, dedication to the work ethic and in maintenance of mental and physical health.
8. Self-improvement through lifelong learning.
9. The personal and social skills necessary to function successfully in school and in life.

These nine exit outcomes are the driving force for Westside High School. The purpose of these outcomes is to assure that every graduate is proficient in these areas. The vehicle of these outcomes is our curriculum where practice and repetition are necessary to assure that students have internalized what they are to know, to do, and to be like. Each course at Westside validates at least one of the above outcomes and the related proficiencies which are designated in this course handbook.

WESTSIDE COMMUNITY SCHOOLS EDUCATIONAL COMPETENCIES
(beginning with the class of 2021)

Westside Community Schools students will exhibit the following skills and talents upon graduation:

1. Effective Communicator
 - a. Writes and speaks clearly and articulately
 - b. Exchanges ideas and information through multiple forms of expression
 - c. Works collaboratively with others
 - d. Actively listens
2. Engaged Citizen
 - a. Respects self and others equally
 - b. Exhibits ethical and honest behaviors
 - c. Practices and values democratic ideals
 - d. Demonstrates an understanding of the interconnectedness of the global community
3. Critical and Creative Thinker
 - a. Creatively develops solutions to problems
 - b. Applies reason and analysis to make informed decisions
 - c. Employs resources appropriate to the task
4. Healthy Individual
 - a. Cultivates healthy habits and self-discipline
 - b. Accepts responsibility for personal choices, actions, and mistakes
 - c. Maintains healthy interpersonal relationships
 - d. Perseveres in the face of challenge and adversity
5. Lifelong Learner
 - a. Takes intellectual risks and displays curiosity for learning
 - b. Develops personal, academic and technical skills to adapt to change
 - c. Initiates and engages in learning

GRADUATION REQUIREMENTS - CLASSES OF 2019, 2020

CONTENT AREA	DIPLOMA REQUIREMENTS	DIPLOMA WITH COMMENDATION
English/Literature	English/Literature: 8 consecutive semesters of designated courses	AP Literature & Composition OR AP Language & Composition
Math	6 semesters of math including: Algebra 1: 2 semesters Geometry: 2 semesters Plus 2 additional semesters of math course taken after geometry	Advanced Algebra: 2 semesters
Social Studies	6 semesters of social studies including: Government: 1 semester US History: 2 semesters	Same
Science	6 semesters of science including: Biology: 2 semesters Natural Science OR Physics: 2 semesters Plus 2 additional semesters of science electives	Chemistry: 2 semesters
Health & Physical Education	Healthy Living: 1 semester HPE Foundations or Advanced PE: 3 semesters	Same
World Language	None	4 semesters of any one language (9-12)
Business	Information Technology: 1 semester Personal Finance: 1 semester	Same
Global/Multicultural	2 semesters	2 additional semesters
Guidance	Group Guidance (9,10,11,12)	Same
Group 4-5 Courses	None required	20 semester courses
Credit Hours	210	225
Service Hours	80 hours	Same
Grade Point Average	None	3.0 Cumulative GPA

GRADUATION REQUIREMENTS - BEGINNING CLASS OF 2021

CONTENT AREA	DIPLOMA REQUIREMENTS	DIPLOMA WITH COMMENDATION
English/Literature	English/Literature: 8 consecutive semesters of designated courses	AP Literature & Composition OR AP Language & Composition
Math	Algebra 1: 2 semesters Geometry: 2 semesters Additional math electives: 2 semesters	2 semesters of Algebra/Trigonometry or Pre-Calculus
Social Studies	Government: 1 semester US History: 2 semesters 3 additional semesters of social studies	No additional requirements
Science	6 semesters of science including: Biology: 2 semesters Natural Science OR Physics: 2 semesters Additional science electives: 2 semesters (must include courses from Earth/Space strand)	8 semesters of science, including at least one course from the four science strands: Biology, Natural Science Physics, Earth/Space & Chemistry
Health & Physical Education	Healthy Living: 1 semester HPE Foundations or Advanced PE: 3 semesters	No additional requirements
World Language	None	4 semesters of any one language (9-12)
Business	Information Technology: 1 semester Personal Finance: 1 semester	No additional requirements
Global/Multicultural	2 semesters	2 additional semesters
Fine Arts	None	1 semester
Guidance	Group Guidance (9,10,11,12)	No additional requirements
Group 4-5 Courses	None required	20 semester courses
Credit Hours	210	225
Service Hours	80 hours	100 Hours
Grade Point Average	None	3.0 Cumulative GPA

A MODULAR SCHEDULE

Westside adopted a modular schedule in the fall of 1967. The old schedule was a traditional six period day. It restricted the number of courses a student could take, placed students in mass study halls, limited the opportunities for students to develop self-reliance, and presented many conflicts when students went into the community for learning experiences.

The decision to change schedules was made after defining what the staff believed about learning and after studying the advantages of both the traditional and modular schedule. The Westside staff believed that:

1. Students and teachers should have more time during the day to meet on a one-to-one basis.
2. Students should be exposed to the fine and practical arts, engineering and technology, family and consumer studies, and business courses.
3. Students should be involved in making decisions regarding their use of time.
4. Subject area resource centers and open laboratories should be developed in place of study halls.
5. More opportunities should be provided for students to utilize community resources.
6. The program should encourage teachers and administrators to try new approaches to improve the instructional process.
7. Students should be able to take more courses.

The staff further believed that these objectives could best be accomplished through a modular schedule with four modes of instruction, called large group instruction, small group instruction, laboratory, and independent study time.

WHAT IS LARGE GROUP INSTRUCTION? Large groups are classes that range in size from 30 to 300+ students. They typically meet once a week in courses that use them. Large group activities include the use of guest speakers, testing, lecture, videos and other technology.

WHAT IS SMALL GROUP? The small group is made up of 12 to 30 students. The purpose of the small group is to provide an opportunity for students to develop communication skills, analytical powers and judgment. Small group discussions are an important aspect of most courses.

WHAT IS LABORATORY? To “learn by doing” very concisely sums up the purpose of this mode. In some courses this will mean practice sessions and skill development. In other areas this will mean the opportunity to test ideas, to explore, to investigate, and to complete projects.

WHAT IS INDEPENDENT STUDY TIME? All students have a certain amount of time each day when they are not scheduled into classes. This time is called “independent study time.” During independent study time, students make decisions about how to best use the time to meet their responsibilities. They may work in instructional materials centers (IMCs) on class assignments or on materials of personal interest. Most students meet regularly with teachers during independent study time for help in a subject or for clarification of assignments. This time may also be used for conferences with counselors and advisors.

EXAMPLE OF A STUDENT'S SCHEDULE

The following schedules illustrate our philosophy of scheduling which includes large groups, small groups, laboratories, and independent study time. The schedules contain 14 mods each day. Six of these mods (1, 2, 3, 12, 13, & 14) are forty minutes in length with the other eight mods (4, 5, 6, 7, 8, 9, 10 & 11) approximately 20 minutes long. Below is a sample of a typical freshman schedule.

SAMPLE FRESHMAN SCHEDULE (38 MODS)

Schedule

	Monday	Tuesday	Wednesday	Thursday	Friday
Homeroom	Homeroom Rm. 348 (Tigani)	Homeroom Rm. 348 (Tigani)	No Homeroom Classes shift 20 minutes earlier	Homeroom Rm. 348 (Tigani)	Homeroom Rm. 348 (Tigani)
Mod 1	Human Behavior Rm. 347 (Tigani)	Information Rm. 236 (Kleppinger)	Spanish 2 Rm. 142 (Szejik)	Human Behavior Rm. 347 (Tigani)	
Mod 2	Biology Sem 1 AUDI (Caffey)	Human Behavior Rm. 347 (Tigani)			Algebra 1 Sem 1 Rm. 340 (Baber)
Mod 3	Spanish 2 Rm. 142 (Szejik)	Spanish 2 Rm. 142 (Szejik)	Human Behavior Rm. 347 (Tigani)	Spanish 2 Rm. 142 (Szejik)	Spanish 2 Rm. 142 (Szejik)
Mod 4	English 1 S1 Rm. 131 (Weyler)	English 1 S1 Rm. 131 (Weyler)	Art Foundations Rm. 349 (Rose)	Group Guidance 9- Rm. 318 (Hatch)	
Meeting 5					
Mod 6	Biology Sem 1 Rm. 309 (Schwenka)	Algebra 1 Sem 1 Rm. 340 (Baber)		English 1 S1 Rm. 131 (Weyler)	
Meeting 7					
Mod 8		Biology Sem 1 Rm. 309 (Schwenka)	Information Rm. 236 (Kleppinger)		Information Rm. 236 (Kleppinger)
Meeting 9					
Mod 10	Art Foundations Rm. 349 (Rose)		English 1 S1 AUDI (Pueppka)	Art Foundations Rm. 349 (Rose)	Art Foundations Rm. 349 (Rose)
Meeting 11					
Mod 12	Information Rm. 236 (Kleppinger)	Art Foundations Rm. 349 (Rose)	Algebra 1 Sem 1 Rm. 340 (Baber)	Algebra 1 Sem 1 Rm. 340 (Baber)	Biology Sem 1 Rm. 309 (Schwenka)
Mod 13		Strength & Rm. 150 (Secora)	Biology Sem 1 Rm. 309 (Schwenka)	Strength & Rm. 150 (Secora)	
Mod 14	Algebra 1 Sem 1 Rm. 340 (Baber)				

COLLEGE PLANNING

Matriculating to college is more competitive than ever, and the Westside High School's Counseling Center offers students a number of resources including, but not limited to: post-secondary counseling, ACT and SAT test prep, college representative visits, and access to a web-based platform that assists students with the college search process. For those choosing work or military, our counselors are dedicated to guiding these students into meaningful opportunities that can lead to careers.

The comprehensive Westside Counseling Program is designed for the specific benefit of Westside High School students and parents. The goal is to provide an individually tailored service to students and parents to make them confident and comfortable with their post-secondary options and choices. Westside High School exceeds the generally accepted standards of only providing resources to the juniors and seniors by offering future planning lessons to all students grades 9-12 and college planning sessions for their parents as well.

PARENT COFFEES: Principal Jay Opperman meets with parents at Westside High School once a quarter to answer any questions about topics of current need in our building and community. These topics vary each session and will be announced in advance. This happens during the school day and is open for parents to attend.

COLLEGE FAIR: All 9-12 grade students and their parents have the option to visit with college admissions representatives who speak about opportunities available to students on their campus. These admissions representatives also visit Westside High School throughout the school year during the day. These visits are available for all students grades 9-12.

COLLEGE PLANNING / FINANCIAL AID NIGHTS: The post-secondary counselors offer fall and spring presentations for parents of students in grades 9-12. The programs focus on giving an overview of the different types of colleges/universities, college athletics, the application process, and FAFSA. College planning can cost a lot of money and planning can never start too early.

COLLEGE PREPARATORY CURRICULUM

As requirements for admission have become more demanding for all colleges and universities, it is very important that each year, course selections are made carefully. Public and private institutions expect a student's transcript to show that they have met certain prerequisites for admission. Please be aware that requirements do vary by post-secondary institution and students should consult the website of the college/university they are interested in for more information about specific programs of study as they choose their high school courses.

The information below should serve as a guideline for college preparatory course of study. The requirements are fairly standard for accredited colleges and universities, however, some institutions do require fine arts for admission.

University of Nebraska (UNL Campus) Core-Course Requirements (1 unit = 1 year)

CATEGORY	UNITS	REQUIREMENTS
English	4	All units must include intensive reading and writing
Mathematics	4	Must include Algebra I, II and Geometry and one additional unit that builds on knowledge of Algebra.
Social Science	3	At least one unit of American and/or World History and one additional unit of history, American government and/or geography.
Natural Science	3	At least two units selected from biology, chemistry, physics and earth sciences
Foreign Language	2	Must include 2 units of the same foreign language. (some programs require 4 units)
Total Units	16	

UNO/UNK/UNL PERFORMANCE REQUIREMENTS

In addition to meeting the above core requirements, students must meet at least one of the following:

1. Rank in the top one-half of the graduation class, or
2. Achieve a composite score of 20 or greater on the ACT, or
3. Achieve a total score of 950 or greater on the SAT

OPPORTUNITIES FOR COLLEGE ADMISSION TEST PREPARATION

Westside High School understands the importance of high achievement on college admission tests. To help students prepare to do their best on these tests, WHS offers: MAPS testing for 9th graders, the Pre-ACT for 10th graders, as well as the ACT and SAT on-site. All students take the ACT for free at school during the spring of their junior year as part of state testing.

COLLEGE ATHLETICS ELIGIBILITY

Students who wish to compete as a freshman on college athletic teams after completion of high school must meet established eligibility guidelines from the National Collegiate Athletic Association (NCAA), the National Association of Intercollegiate Athletics (NAIA), or the National Junior College Athletic Association (NJCAA). Information concerning eligibility for each of these organization can be found on the following websites:

NCAA: <https://web3ncaa.org/ecwr3/>

NAIA: www.playnaia.org

NJCAA: www.njcaa.org

NCAA

Student athletes who wish to participate in NCAA Division I or Division II sports **MUST BE CERTIFIED** by the NCAA Eligibility Center which will analyze individual academic information to determine if a student meets NCAA eligibility requirements. **DON'T DELAY THIS PROCESS** - if a student is uncertain about participation in Division I or Division II, it is best to complete this process anyway. This process does **NOT** bind a student to participate; however, it is a necessary procedure should a student elect to participate. Failure to be certified may affect visits to colleges regarding athletics, and college coaches may be reluctant to make commitments to athletes who have not completed the NCAA initial eligibility certification.

Students are encouraged to visit with a counselor to review the policies which will impact them. Athletes or their parents are encouraged to obtain additional references pertaining to student athletes. The best single reference is the 2017-2018 NCAA Guide for the College Bound Student Athlete published by the NCAA Eligibility Center. Please see a counselor for more information.

NCAA Freshman Eligibility Standards Quick Reference Information

The list of Westside courses approved by NCAA can be found on the NCAA website and should be utilized when completing your 4-year plan.

Core Courses

NCAA Division I requires 16 core courses and a minimum core-course GPA of 2.30. NCAA Division I requires 10 core courses to be completed prior to seventh semester (seven of the 10 must be a combination of English, mathematics, or natural/physical science that meet the distribution requirement). These 10 courses become “locked in” at the seventh semester and cannot be retaken for grade improvement. See the chart on the next page for the breakdown of the complete 16 core-course requirement.

NCAA Division II requires 16 core courses for students and a core-course GPA of at least 2.20. See the breakdown of core-course requirements on the next page.

If a Division I or Division II college-bound student athlete does not meet full-qualifier status, they may be eligible for partial qualifier status. Partial qualifiers may receive athletic scholarships during their first year of enrollment and may practice during their first regular academic team, but may **NOT** compete during their first year of enrollment.

Test Scores

Division I & Division II have a sliding scale for test score and core grade-point average.

The SAT score used for NCAA purposes includes only the critical reading and mathematics sections. The writing section of the SAT is not used.

The ACT score used for NCAA purposes is a sum of the four sections on the ACT: English, mathematics, reading and science.

All SAT and ACT scores must be reported directly to the NCAA Eligibility Center by the testing agency. When registering for the SAT or ACT, use the Eligibility Center Code of 9999 to make sure the score is reported to the Eligibility Center.

Grade Point Average

Only core courses are used in the calculation of the grade-point average.

Be sure to look at Westside High School's list of NCAA-approved courses on the Eligibility Center's website to make certain that the courses being taken have been approved as core courses.

Division I 16 Core Courses	Division II 16 Core Courses
<ul style="list-style-type: none">• 4 years of English• 3 years of mathematics (Algebra I or higher)• 2 years of natural/physical science (1 year of lab)• 1 year of additional English, mathematics or natural/physical science• 2 years of social science• 4 years of additional courses (from any area above, foreign language or comparative religion/philosophy)	<ul style="list-style-type: none">• 3 years of English• 2 years of mathematics (Algebra I or higher)• 2 years of natural/physical science (1 year of lab)• 3 years of additional English, mathematics or natural/physical science• 2 years of social science• 4 years of additional courses (from any area above, foreign language or comparative religion/philosophy)

Amateurism Certification

Students who enroll at an NCAA Division I or II institution for the first time need to also complete the amateurism questionnaire through the Eligibility Center website. Students need to request final amateurism certification prior to enrollment.

Division III

Student athletes who wish to participate in NCAA Division III are not currently certified by the NCAA Initial Eligibility Clearinghouse. Those wanting to participate in Division III athletics should contact the Division III institutions of interest regarding their policies on admission, financial aid, athletic eligibility, practice, and competition. In Division III, certification of an individual's amateurism status is completed by each college or university, not the Eligibility Center.

NAIA

The National Association of Intercollegiate Athletics requires a participant in athletics during the first year in school to meet two of the three basic education requirements.

Achieve a minimum of 16 on the ACT or 860 on the SAT. The ACT/SAT test must be taken on a national testing date. The SAT score of 860 must be achieved on the Evidence-Based reading, writing and mathematics sections of the SAT and must be achieved on a single test.

Achieve a minimum of overall high school grade point average of 2.0 on a 4.0 scale.

Graduate in the top half of his/her high school graduating class.

NJCAA

The National Junior College Athletic Association requires a participant be a graduate of a high school with an academic diploma or a General Education diploma.

ADVANCED PLACEMENT (AP) COURSEWORK

All students who are college bound should take at least one AP course in an area of personal strength. By participating in the AP program, students are given the opportunity to take college-level courses while in high school. These courses cover subjects in greater depth and detail, develop writing skills, problem-solving techniques and study habits that prepare them for the rigor of college academics. It also demonstrates maturity, willingness to challenge oneself, and a commitment to excellence that help the students stand out in the college admissions process. All students enrolled in AP courses are required to take the AP exam (or an equivalent assessment) which is offered on national test dates the first two weeks of May. Fee reductions are available for students with financial need. Students who choose to participate in dual enrollment will have the AP exam fee paid (or partially paid) by the sponsoring institution. Colleges, depending upon their policy, will grant the student advanced standing or college credit for that course depending upon the score. For additional information, check out the College Board's AP website at: apstudent.collegeboard.org

Current AP course offerings at Westside High include:

Art

AP 2D Design Portfolio
AP 3D Design Portfolio
AP Drawing Portfolio

English

AP Language & Composition
AP English Literature & Composition

Mathematics

AP Calculus AB
AP Calculus BC
AP Computer Science
AP Statistics

Music-Instrumental

AP Music Theory (Alternating Years)

Science

AP Biology
AP Chemistry
AP Physics 1
AP Physics 2
AP Physics C

Social Studies

AP American Government & Politics
AP Geography
AP Economics
AP US History

World Language

AP German
AP Latin
AP Spanish

DUAL CREDIT AND ARTICULATION

DUAL CREDIT

Dual Credit allows high school students to enroll in a college course prior to high school graduation, giving them first hand exposure to the requirements of college-level work while gaining high school and college credit simultaneously. **Students will pay the current tuition rate of the institution that sponsors the course.** The application for dual credit will be distributed through the respective course.

Dual Credit with UNO

AP Biology	AP Government	AP Statistics
AP Human Geography	AP US History	AP Calculus BC
AP Physics 1	Honors Sociology	Intro to Education
AP Computer Science	AP Physics 2	Marketing I
AP Drawing	AP Physics C	Web Design
AP English Literature & Composition	AP Psychology	

Dual Credit with Nebraska Wesleyan

AP Calculus AB
AP Language & Composition
AP English Literature & Composition

Dual Credit with Metro Community College

Advanced Welding - Arc; Oxy
Career Academy
Medical Terminology I
Medical Terminology II
Public Health Youth Advocacy Certificate
Prevention in Community Health
Foundations of Health Careers
CPR for Healthcare Providers (BLS)

Dual Credit with Nebraska Methodist College

Medical Terminology

See your counselor for further information.

CLASS RANK

Grades from most courses taken in grades 9-12 are used in the calculations. All courses taken prior to grade 9 do not calculate into class rank.

Class rank will be determined by mathematically combining mark point average and total mark points in the following manner:

$$(\text{Mark Point Average})^3 \times \text{Total Mark Points} = \text{Total Rank Points}$$

The total rank points are placed in numerical order with the highest total ranked number 1, the next highest total number 2, etc. Higher ranked students will be those that take more courses, and courses with higher groupings while maintaining high grades.

Total Mark Points

Mark points are assigned to each subject according to the quality and relative difficulty of the subject. For example; a grade of B+ in Advanced Placement U.S. History (a Group 5 course) yields 10.0 mark points for each credit earned from that course. In this case, AP History is a 4 credit, Group 5 course. With a grade of B+ a student would earn 40 mark points. Another student taking the regular U.S. History course, 4 credits, and a Group 3 course, also earns a B+. However, each credit for a B+ in a Group 3 course yields 6.0 mark points, or 24 total grade points. Both grades appear as B+ on the permanent record card, but have different weight for class rank. A total mark point (TMP) calculation is demonstrated below.

Mark Point Average

The MPA is determined by dividing the total mark points by the total credits ATTEMPTED. Mark Point Average computed at Westside High School is based on a high of 12 points for each credit of A+ work in high intensity (Group 5) courses. In the average course offered at Westside High School (Group 3) each credit of A+ work is worth 8 grade points per credit, with a C+ being worth 4 mark points per credit.

MARK POINT TABLE

GRADE	GROUP 5	GROUP 4	GROUP 3	GROUP 2	GROUP 1
A+	12	10	8	7	6
A	11	9	7	6	5
B+	10	8	6	5	4
B	9	7	5	4	3
C+	8	6	4	3	2
C	7	5	3	2	1
D+	5	4	2	1	0
D	4	3	1	0	0
F	0	0	0	0	0
EN	0	0	0	0	0
P	-	-	-	-	-

Mark Point Average

Example:

Course	Group	Grade Received	Which Yields Mark Points (x)	Attempted Credit Hours (=)	Mark Points
Literature	3	B	5.0	4	20
World History	3	B+	6.0	4	24
Geometry	3	C+	4.0	5	20
Physiology	4	C	5.0	5	25
French I	3	B	5.0	5	25
Sports Skills	2	A+	7.0	3	21
Orchestra	3	A+	8.0	2	16
Ecology	3	B+	6.0	3	18
Total				31	169

Total Credits Attempted 31

Total mark Points..... 169

Mark Point Average $169 \div 31 = 5.45$ (Rounded)

Rank Points $(5.45 \div 161)^3 \times 169 = 27,381.7$ (Rounded)

Grade Point Average

Grade point averages are commonly used by colleges and universities. To compute your own Grade Point Average, use the following formula:

For each course taken, multiply the number of credits awarded in that course by the numerical equivalent of the grade received. Total the number of attempted credits from all courses and the equivalent sums. Divide the equivalent sum by the total credit sum to give a Grade Point Average. For example: a sophomore student taking the following courses received these grades at the end of the first semester:

Course	Group	Grade Received	Which Yields Mark Points (x)	Attempted Credit Hours (=)	Mark Points
Literature	3	B	5.0	4	20
World History	3	B+	6.0	4	24
Geometry	3	C+	4.0	5	20
Physiology	4	C	5.0	5	25
French I	3	B	5.0	5	25
Sports Skills	2	A+	7.0	3	21
Orchestra	3	A+	8.0	2	16
Ecology	3	B+	6.0	3	18
Total				31	169

GRADE POINT AVERAGE $94 \div 31 = 3.03$

Note: Courses taken with a final grade of 'F' must also be used in the computation.

1st Semester

2nd Semester

	Class	Mods	Credits
1	English:		
2	Healthy Living/PE:*		
3	Recommended Math:		
4	Recommended Science:		
5	Info. Tech. or Social Studies:		
6			
7			
8			
9			
10	Freshman Group Guidance		
	TOTALS		

	Class	Mods	Credits
1	English:		
2	Healthy Living/PE:*		
3	Recommended Math:		
4	Recommended Science:		
5	Info. Tech. or Social Studies:		
6			
7			
8			
9			
10			
	TOTALS		

* Last names beginning with A-L will have Healthy Living first semester and PE second semester. Last names beginning M-Z will have PE first semester and Healthy Living second semester.

Minimum Load - 35 mods each semester

Student Signature: _____

Parent Signature: _____

Advisor Signature: _____

Counselor Signature: _____

Conference Date: _____

Conference Date: _____

NOTES:

1st Semester

	Class	Mods	Credits
1	Recommended English:		
2	Recommended Math:		
3	Recommended Science:		
4	Social Studies:		
5	PE:*		
6	World Language:**		
7			
8			
9			
10			
	TOTALS		

2nd Semester

	Class	Mods	Credits
1	Recommended English:		
2	Recommended Math:		
3	Recommended Science:		
4	Social Studies:		
5	PE:*		
6	World Language:**		
7			
8			
9			
10	Sophomore Group Guidance		
	TOTALS		

* Two additional semesters of PE are required for graduation. While recommended sophomore year, they can be taken during any semester.

** Four year colleges require two years of the same language for admissions. Four years of high school World Language is encouraged.

Minimum Load - 32 mods each semester

Student Signature: _____

Parent Signature: _____

Advisor Signature: _____

Counselor Signature: _____

Conference Date: _____

Conference Date: _____

NOTES:

1st Semester

	Class	Mods	Credits
1	Recommended English:		
2	Recommended Math:		
3	Recommended Science:		
4	US History or AP US Hlstory*		
5	World Language:**		
6			
7			
8			
9			
10			
	TOTALS		

2nd Semester

	Class	Mods	Credits
1	Recommended English:		
2	Recommended Math:		
3	Recommended Science:		
4	US History or AP US Hlstory*		
5	World Language:**		
6			
7			
8			
9			
10	Junior Group Guidance		
	TOTALS		

* AP US History is available through teacher recommendation only.

** Four year colleges require two years of the same language for admissions. Four years of high school World Language is encouraged.

Minimum Load - 25 Credits or 28 mods each semester

Student Signature: _____

Parent Signature: _____

Advisor Signature: _____

Counselor Signature: _____

Conference Date: _____

Conference Date: _____

NOTES:

1st Semester

	Class	Mods	Credits
1	English:		
2	Recommended Math:		
3	Recommended Science:		
4			
5			
6			
7			
8			
9			
10			
	TOTALS		

2nd Semester

	Class	Mods	Credits
1	English:		
2	Recommended Math:		
3	Recommended Science:		
4			
5			
6			
7			
8			
9			
10	Senior Group Guidance		
	TOTALS		

**Minimum Load - 23 Credits or 25 mods each semester
Three courses must be from the core curriculum**

Student Signature: _____

Parent Signature: _____

Advisor Signature: _____

Counselor Signature: _____

Conference Date: _____

Conference Date: _____

NOTES:

ART

Course	Semester	Credit	Group	Open To
AP-2D Design Portfolio	Full Year	3	5	12
AP Drawing Portfolio	Full Year	3	5	12
AP-3D Design Portfolio	Full Year	3	5	12
Art Foundations	Full Year	4	2	9-10-11-12
Drawing & Painting I	Full Year	4	2	10-11-12
Drawing & Painting II	Full Year	4	3	11-12
Graphic Design	2	4	4	11-12
Photography I	1 or 2	4	3	10-11-12
Photography II	2	4	3	10-11-12
Pottery 1	1 or 2	4	1	9-10-11-12
Pottery 2	1 or 2	4	2	9-10-11-12
Pottery 3,4,5,6	1 or 2	4	3	10-11-12
Sculpture	1	4	2	10-11-12

AP - 2D DESIGN PORTFOLIO. Full Year

Course No. 1020

Total IN-CLASS TIME: 5 mods CREDITS: 3. GROUP: 5

Students will sign up for this course to prepare for and submit a AP-2D Design Portfolio to the College Board. Students can submit artwork in any two-dimensional process or medium including but not limited to: graphic design, digital imaging, photography, collage, and illustration.

EACH STUDENT WILL:

1. Develop a theme for the concentration section of the AP Portfolio Submission that investigates and explores a topic through artistic processes and problem solving.
2. Create the concentration section for the AP Portfolio Submission: 12 works of art displaying mastery of technique in a unified theme.
3. Finish the breadth section of the AP Portfolio Submission. Students will submit 12 works of art displaying a range in material, subject matter, and style. Most of the 12 works will be from previous classes.
4. Photograph and edit all works of art to submit to the AP College Board
5. Complete a portfolio ready for submission to the AP College Board, Scholastics and/or colleges.

PREREQUISITE: Photo 2 and Digital Art OR Drawing and Painting 2 and Digital Art

Open to: 12 Only

AP - DRAWING PORTFOLIO. Full Year

Course No. 1030

Total IN-CLASS TIME: 5 mods CREDITS: 3. GROUP: 5

Students will sign up for this course to prepare for and submit a AP-Drawing Portfolio to the College Board. Students can submit artwork addressing a wide range of media that include but are not limited to, traditional drawing media, painting, printmaking, and mixed media.

EACH STUDENT WILL:

1. Develop a theme for the concentration section of the AP Portfolio Submission that investigates and explores a topic through artistic processes and problem solving.
2. Create the concentration section for the AP Portfolio Submission: 12 works of art displaying mastery of technique in a unified theme.
3. Finish the breadth section of the AP Portfolio Submission. Students will submit 12 works of art displaying a range in material, subject matter, and style. Most of the 12 works will be from previous classes.
4. Photograph and edit all works of art to submit to the AP College Board
5. Complete a portfolio ready for submission to the AP College Board, Scholastics and/or colleges.

PREREQUISITE: Drawing and Painting II

OPEN TO: 12 Only

AP - 3D DESIGN PORTFOLIO. Full Year**Course No. 1040**

Total IN-CLASS TIME: 5 mods CREDITS: 3. GROUP: 5

Students will sign up for this course to prepare for and submit a AP-3D Design Portfolio to the College Board. Students can submit artwork addressing a wide range of media that include but are not limited to, clay, metal, wire, wood, paper, fibers, and foam.

EACH STUDENT WILL:

1. Develop a theme for the concentration section of the AP Portfolio Submission that investigates and explores a topic through artistic processes and problem solving.
2. Create the concentration section for the AP Portfolio Submission: 12 works of art displaying mastery of technique in a unified theme.
3. Finish the breadth section of the AP Portfolio Submission. Students will submit 8 works of art displaying a range in material, subject matter, and style. Most of the 8 works will be from previous classes.
4. Photograph and edit all works of art to submit to the AP College Board
5. Complete a portfolio ready for submission to the AP College Board, Scholastics and/or colleges.

PREREQUISITE: Art Foundations, Pottery 1-4, and Sculpture OR with special permission by Department Head

OPEN TO: 12 Only

ART FOUNDATIONS. Full Year**Course No. 1012**

TOTAL IN-CLASS TIME: 5 mods. CREDITS: 4. GROUP: 2.

EACH STUDENT WILL:

1. Develop the skills needed for visual perceptual thinking with a strong emphasis on drawing. (First Semester)
2. Solve visual problems working in various 2 and 3-dimensional media: acrylic paint, sculpture and ceramics. (Second Semester)
3. Learn how art reflects culture by viewing selected works produced within individual cultures.
4. Demonstrate the ability to critically evaluate work or works of art in order to develop personal criteria for appreciation.

PREREQUISITE: None.

OPEN TO: 9-12

DRAWING AND PAINTING I. Full Year**Course No. 1013**

TOTAL IN-CLASS TIME: 5 mods. CREDITS: 4. GROUP: 2.

EACH STUDENT WILL:

1. Develop skills in drawing and painting.
2. Develop skills in evaluation of artwork.
3. Solve visual problems working in 2 dimensional media: pencil, charcoal, acrylic, watercolor and other media.

PREREQUISITE: Art Foundations.

OPEN TO: 10-12

DRAWING AND PAINTING II. Full Year**Course No. 1017**

TOTAL IN-CLASS TIME: 5 mods. CREDITS: 4. GROUP: 3.

EACH STUDENT WILL:

1. Develop advanced skills in drawing and painting.
2. Develop advanced evaluation skills.
3. Develop a portfolio that represents their best work.

PREREQUISITE: Drawing and Painting I (grade of B or higher).

OPEN TO: 11-12

DIGITAL ART. Second Semester**Course No. 1023**

TOTAL IN-CLASS TIME: 6 mods. CREDITS: 4. GROUP: 4.

EACH STUDENT WILL:

1. Create graphics and illustrations using Photoshop, Illustrator and drawing tablets.
2. Demonstrate understanding of layout by creating designs with photographs, graphics and typography.
3. Demonstrate understanding of advanced Photoshop manipulations to create layered images.
4. Exploration of digital media careers.
5. Demonstrate application of various visual problem-solving methods to graphic design and illustration in the creation of creative/expressive products.

NOTE 1: This course provides the opportunity for students to apply problem solving methods and technology to graphic design problems in the areas of: typography, letterhead and business card design, ad layouts, poster design, and commercial production.

NOTE 2: This class is designed for the student who may be considering a career in Graphic Design.

PREREQUISITE: Art Foundations and Drawing and Painting 1. Drawing and Painting II is strongly recommended. Must have received a grade of a B or higher in Drawing and Painting I or have teacher approval.

OPEN TO: 12 only or 11 with instructor permission only.

PHOTOGRAPHY I. First or Second Semester**Course No. 1025**

TOTAL IN-CLASS TIME: 4 mods. CREDITS: 4. GROUP: 3.

EACH STUDENT WILL:

1. Develop skills in the science of photography and evaluation.
2. Learn how to compose good photos and recognize quality photo compositions.
3. Solve visual problems while working in photographic media.
4. Create digital images and learn basic manipulation techniques.

NOTE: One additional mod of your own time may be needed to complete your work. This course is recommended for the student with good work habits.

PREREQUISITE: Art Foundations

OPEN TO: 10-12

PHOTOGRAPHY II. Second Semester**Course No. 1026**

TOTAL IN-CLASS TIME: 4 mods. CREDITS: 4. GROUP: 3.

EACH STUDENT WILL:

1. Develop skills in photography through production, evaluation, aesthetic attributes and art history.
2. Perform in advanced photo problems in self-expression.
3. Develop a portfolio representing his or her best photographs of original self-expression.
4. Study and work using the elements and principles of compositional expression.
5. Create digital images and learn basic manipulation techniques.

NOTE: Photo II provides an extension of design, creativity, and the self expression through the photo process.

PREREQUISITE: Photography I with a grade of B or higher, or written permission from the instructor

OPEN TO: 10-12

POTTERY 1. First or Second Semester**Course No. 1031**

TOTAL IN-CLASS TIME: 5 mods. CREDITS: 4 GROUP: 1.

EACH STUDENT WILL:

1. Be introduced to art elements & design principles.
2. Be introduced to pinching, coiling, slab building & wheel throwing.
3. Be introduced to basic glaze techniques.
4. Be introduced to the history of ceramic arts.
5. Be introduced to the stages of clay.

PREREQUISITE: none

OPEN TO: 9-12

POTTERY 2. First or Second Semester**Course No. 1032**

TOTAL IN-CLASS TIME: 5 mods. CREDITS: 4 GROUP: 2.

EACH STUDENT WILL:

1. Explore different surface treatment.
2. Use intermediate pinching, coiling, slab building & wheel throwing techniques.
3. Use intermediate glazing techniques.
4. Be introduced to the history of contemporary ceramic arts.
5. Be introduced basic Kiln Firing

PREREQUISITE: Pottery 1 with a C or higher.

OPEN TO: 9-12

POTTERY 3. First or Second Semester**Course No. 1035**

TOTAL IN-CLASS TIME: 5 mods. CREDITS: 4 GROUP: 3.

EACH STUDENT WILL:

Develop and refine advanced throwing skills.

Develop and refine hand building skills.

Explore advanced glazing techniques.

Explore glaze making.

Introduction to local ceramic artists.

PREREQUISITE: Pottery 2 with a B or higher.

OPEN TO: 10-12

POTTERY 4. First or Second Semester**Course No. 1044**

TOTAL IN-CLASS TIME: 5 mods. CREDITS: 4 GROUP: 3.

EACH STUDENT WILL:

Introduction to alternative firing techniques.

Ongoing investigation of the creative process as it relates to ceramics.

Explore the sculptural capabilities of clay.

Explore combination pieces which include multiple construction methods

5. Introduction to reclaiming clay.

PREREQUISITE: Pottery 3 with a B or higher.

OPEN TO: 10-12

POTTERY 5. First or Second Semester**Course No. 1045**

TOTAL IN-CLASS TIME: 5 mods. CREDITS: 4 GROUP: 3.

EACH STUDENT WILL:

Be introduced to mold making

Use the clay extruder to create a functional work.

Explore alternative wheel throwing techniques and methods

Explore conceptual design in both sculptural and functional pottery

PREREQUISITE: Pottery 4 with a B or higher.

OPEN TO: 11-12

POTTERY 6. First or Second Semester**Course No. 1046**

TOTAL IN-CLASS TIME: 5 mods. CREDITS: 4 GROUP: 3.

EACH STUDENT WILL:

Introduction to theme development in preparation for AP 3D portfolio.

Develop individual projects that continue the exploration of handbuilding and wheel thrown techniques

Advanced throwing techniques, including a successful completion of a wheel thrown teapot.

Independent kiln loading and equipment management.

Learn how to photograph 3-dimensional work and start creating a portfolio

PREREQUISITE: Pottery 5 with a B or higher.

OPEN TO: 11-12

SCULPTURE. First semester

Course No. 1033

TOTAL IN-CLASS TIME: 6 mods. CREDITS: 4. GROUP: 2.

EACH STUDENT WILL:

1. Develop skills in carving, modeling, and constructive sculpture methods.
2. Apply basic elements and principles of design.
3. Study sculptors and styles of past and present sculpture trends.
4. Learn to work in various media.
5. Work with casting.

PREREQUISITE: Art Foundations

OPEN TO: 10-12

BUSINESS EDUCATION

Course	Semester	Credit	Group	Open To
Accounting, Beginning	Full Year	5	4	10-11-12
Accounting, Advanced (H)	Full Year	4	5	11-12
Business Law	1 or 2	4	3	12
Business Principles	1 or 2	4	3	10
DigiTools	2	4	3	9-10-11-12
Entrepreneurship	1	4	4	12
Information Technology I	1 or 2	4	3	9-10-11-12
Information Technology I Online	1 or 2	4	3	9-10-11-12
HATCH School of Entrepreneurial Thinking	Full	5	4	9-12
IT Fundamentals	Full Year	4	4	10-11-12
International Business	1	4	3	11-12
Investments	2	4	3	11-12
Marketing I	Full Year	4	3	11-12
Marketing II	Full Year	4	3	12
Marketing II/OJT	Full Year	4	1	12
Personal Finance	1 or 2	4	3	10-11
Web Design	1 or 2	3	3	10-11-12

ACCOUNTING, BEGINNING. Full Year

Course No. 1159

TOTAL IN-CLASS TIME: 5 mods. CREDITS: 5. GROUP: 4.

EACH STUDENT WILL:

1. Learn about accounting as a career and as a foundation for a continued study of business.
2. Become familiar with basic accounting fundamentals in proprietorships, partnerships, and corporations.
3. Demonstrate competence in the completion of end-of-fiscal period activities, including the preparation and interpretation of financial statements by using the five-step problem-solving method.
4. Be required to complete daily homework assignments.

Be required to successfully complete an accounting simulation.

Learn to relate business accounting methods to his/her personal accounting.

PREREQUISITE: None.

OPEN TO: 10-12

ACCOUNTING, ADVANCED (H). Full Year

Course No. 1160

TOTAL IN-CLASS TIME: 4 mods. CREDITS: 4. GROUP: 5.

EACH STUDENT WILL:

1. Learn accounting principles relating to management decisions.
2. Learn principles of cost accounting, statement analysis, depreciation, partnership and corporate accounting.
3. Learn and practice basic computerized accounting techniques.
4. Complete extensive daily homework and examinations, showing proficiency in basic arithmetic and calculator skills.

NOTE: Students may be eligible to receive advanced placement in accounting at the University of Nebraska-Lincoln.

PREREQUISITE: B or higher in Beginning Accounting or permission of the instructor.

OPEN TO: 11-12

BUSINESS LAW. First or Second Semester**Course No. 1116**

TOTAL IN-CLASS TIME: 4 mods. CREDITS: 4. GROUP: 3.

EACH STUDENT WILL:

1. Study the historical development of our legal system and court structure.
2. Study the law of torts and crimes, law and the minor, contract law, employer/employee legal relations, and bailments using the case study method.
3. Develop his/her ability to think analytically and systematically by applying research skills and problem solving techniques to recognize legal problems and solve case problems in various areas of law.

PREREQUISITE: None.

OPEN TO: 12

BUSINESS PRINCIPLES. First or Second Semester**Course No. 1106**

TOTAL IN-CLASS TIME: 4 mods. CREDITS: 4. GROUP: 3.

EACH STUDENT WILL:

1. Learn about the business world from the business point of view.
2. Study business environment, ownership, production, marketing, finance, and investing.
3. Be interested in business and/or pursuing other classes in the business curriculum. This course is considered the foundation for all other business courses.

PREREQUISITE: None.

OPEN TO: 10

DIGITOOLS. First or Second Semester**Course No. 1136**

TOTAL IN-CLASS TIME: 4 mods. CREDITS: 4. GROUP: 3

EACH STUDENT WILL:

1. Create music in GarageBand.
2. Tell powerful stories through Adobe Premier.
3. Create web pages using Dreamweaver.
4. Manipulate photos/images in Adobe Photoshop.
5. Complete real-world simulations.

PREREQUISITE: Information Technology 1. A grade of C or better is recommended.

OPEN TO: 9-12

ENTREPRENEURSHIP. First Semester**Course No. 1119**

TOTAL IN-CLASS TIME: 4 mods. CREDITS: 4. GROUP: 4

EACH STUDENT WILL:

1. Have a strong desire to innovate and leave a footprint.
2. Be involved in all aspects of starting and running a business including: type of business, site selection, obtaining capital, providing and marketing a product or service, and understanding financial statements.
3. Prepare a lean canvas through problem and customer validation.
4. Participate in off-campus field trips.

PREREQUISITE: None, but Beginning Accounting and/or Marketing I helpful.

OPEN TO: 12

HATCH, SCHOOL OF ENTREPRENEURIAL THINKING, Full Year**Course No. 1199****TOTAL IN-CLASS TIME: 4 mods. CREDITS: 5 GROUP: 4****EACH STUDENT WILL:**

This course is a CAPSTONE course for any student looking to dive deeper and experience the area of Entrepreneurship. Students are fully immersed into the community and business world to identify problems to solve. Students will cultivate a valuable skill set that includes; communication, customer service, professional and entrepreneurial skills.

Students will be charged with actively developing solutions to problems through projects benefitting non-profit and for profit organizations in the local community. Students will work in teams or individually to identify the problem, develop a solution, test the solution in the market, modify and implement the solution once finding product/market fit.

This experience is driven by the student with their career and personal goals being the driving force. By the end of the year students will have successfully gone through the Lean Canvas process in starting their business and/or worked with industry partners to develop a solution to a challenge their organization.

INFORMATION TECHNOLOGY I. First or Second Semester**Course No. 1135****TOTAL IN-CLASS TIME: 4 mods. CREDITS: 4. GROUP: 3.****EACH STUDENT WILL:**

1. Learn advanced MSWord tools including graphics editing, autotables, templates and merge.
2. Learn database operations including reporting and queries.
3. Learn Excel spreadsheet applications including formatting, formulas and charting.
4. Learn to integrate applications.

NOTE: This course is required for graduation.

PREREQUISITE: None.

OPEN TO: 9-12

INFORMATION TECHNOLOGY I ONLINE. First or Second Semester**Course No. 4135****TOTAL IN-CLASS TIME: 1 mod. CREDITS: 4. GROUP: 3.**

The online course content is the same as Information Technology I (1135) and can be taken in place of Information Technology I.

This class is structured with the student working independently to complete work and prepare for assessments. Students learn from Podcasts and Blackboard resources. An instructor is available during the day during open mods as well as via email to address concerns or questions. All assessments will be taken during their assigned mod during the week.

A student who signs up for this class should have basic computer knowledge, be comfortable asking for help and communicating one-on-one with a teacher, and be a self-starter.

NOTE: This course fulfills the graduation requirement.

PREREQUISITE: None.

OPEN TO: 9-12

IT FUNDAMENTALS. Full Year**Course No. 4137****TOTAL IN-CLASS TIME: 1 mod. CREDITS: 4. GROUP: 4.****EACH STUDENT WILL:**

1. Learn fundamental principles of computer science.
2. Code, test, and download mobile applications.
3. Integrate applications and explore web technologies.
4. Focus on application design using basic computer science principles.

PREREQUISITE: Information Technology.

OPEN TO: 10-12

INVESTMENTS. Second Semester**Course No. 1118**

TOTAL IN-CLASS TIME: 4 mods. CREDITS: 4. GROUP: 3.

EACH STUDENT WILL:

1. Learn to manage money effectively through investments.
2. Develop his/her own philosophy and strategies for investing.
3. Learn the variety of investment options available.
4. Study the changes in the value of money over time.
5. Learn about the importance of retirement planning.

NOTE: The internet will be used extensively in this class.

PREREQUISITE: Any one of the following: Economics, Personal Finance, Business Principles, Accounting, Entrepreneurship, or permission of instructor.

OPEN TO: 11-12

MARKETING I. Full Year**Course No. 1125**

TOTAL IN-CLASS TIME: 4 mods. CREDITS: 4. GROUP: 3.

EACH STUDENT WILL:

1. Study the marketing concept, market segmentation, potential market identification and analysis; and the marketing functions including marketing channels, physical distribution, marketing research, product development, pricing, selling, advertising, and promotion.
2. Demonstrate the ability to use creative and expressive skills to develop solutions and recommendations to business related problems.
3. Be exposed to career opportunities in marketing.

NOTE: This course can be taken for dual credit through the University of Nebraska at Omaha.

PREREQUISITE: None.

OPEN TO: 11-12

MARKETING II: Leadership and Management Full Year**Course No. 1126**

TOTAL IN-CLASS TIME: 4 mods. CREDITS: 4. GROUP: 3.

EACH STUDENT WILL:

1. Learn human relation skills needed in any occupation.
2. Understand the tools, techniques, and systems that businesses use to plan, staff, lead, and organize resources.
3. Recognize the importance of business management and the role of managers as it relates to the success of the business.
4. Employ leadership skills to achieve workplace objectives through several industry standards.
5. Complete group projects in a realistic setting working with local businesses and agencies.
6. Have the opportunity to be involved in DECA.

PREREQUISITE: Marketing I

OPEN TO: 12

MARKETING II/OJT. Full Year**Course No. 1131**

Minimum of ten hours per week. CREDITS: 4. GROUP: 1.

EACH STUDENT WILL:

1. Work a minimum of 10 hours per week in an approved marketing occupation.
2. Be scheduled early in the day so that he/she may be released from school for their employment responsibilities.
3. Conference with the teacher-coordinator on the quality of his/her work, attitude, initiative, etc.
4. Be enrolled in the Marketing II academic course.

PREREQUISITE: Marketing I, Interview with instructor, and signed consent form.

OPEN TO: 12

PERSONAL FINANCE. First or Second Semester

Course No. 1105

TOTAL IN-CLASS TIME: 4 mods. CREDITS: 4. GROUP: 3.

EACH STUDENT WILL:

1. Learn the consumer decision-making process and making good buying decisions.
2. Learn about budgeting and financial records.
3. Learn about savings and investment options.
4. Learn about checking accounts and banking services.
5. Learn about property insurance (renters insurance, homeowners insurance, and automobile insurance).
6. Learn about various kinds of credit, handling credit wisely, and credit reports/scores.

NOTE: This course fulfills a graduation requirement.

PREREQUISITE: None.

OPEN TO: 10-11

WEB DESIGN. First or Second Semester

Course No. 1165

TOTAL IN-CLASS TIME: 3.5 mods. CREDITS: 3. GROUP: 3.

EACH STUDENT WILL:

1. Understand acceptable site design as used in education and business.
2. Complete a site plan from start to finish.
3. Create a multi-page Web site with backgrounds, links, forms, lists, graphics, and font formatting.
4. Use a graphic editor to enhance and modify photos.
5. Publish and maintain a Website online.
6. Use Flash to add animation to a Web page.

NOTE: This course can be taken for dual credit through the University of Nebraska at Omaha.

PREREQUISITE: Information Technology 1 is required. DigiTools is highly recommended.

OPEN TO: 10-12

ENGINEERING & TECHNOLOGY

Course	Semester	Credit	Group	Open To
SCIENCE TECHNOLOGY ENGINEERING MATH (STEM)				
Electronics	Full Year	3	2	9-10-11-12
Introduction to Engineering Design	Full Year	5	3	9-10-11-12
Robotics	Full Year	4	3	10-11-12
Principles of Engineering	Full Year	5	3	10-11-12
STEM 1	Full Year	12	3	9
STEM 2	Full Year	10	3	9-10
ARCHITECTURE AND CONSTRUCTION				
Civil Engineering & Architecture	Full Year	5	3	11-12
Architecture II	Full Year	4	4	12
Construction	2	4	2	9-10-11-12
Sketching	1 or 2	4	2	10-11-12
MANUFACTURING AND TRANSPORTATION				
Arc Welding	2	4	3	9-10-11-12
Consumer Automotive	1	3	3	11-12
Oxy-Acetylene Welding	1	4	3	10-11-12
Welding Processes	1 or 2	4	2	9-10-11-12
Woods I	1 or 2	4	2	9-10-11-12
Woods II	1	4	2	10-11-12

SCIENCE TECHNOLOGY ENGINEERING MATH (STEM)

ELECTRONICS. Full Year

Course No. 1582 & 1583

TOTAL IN-CLASS TIME: 5 mods. CREDITS: 3. GROUP: 2.

Relevant hands on activities will be used in this course to apply algebra in an electronic lab setting. The theory and applications of both DC and AC electronics will be the focus throughout the year. Second semester continues with AC theory, as well as learning how motors work.

EACH STUDENT WILL:

1. Practice safety related to electricity and study about educational needs for jobs available in the electronics field.
2. Describe the theory of basic electricity in DC and AC circuits and apply Ohm's Law.
3. Learn about components by constructing both DC and AC circuits using bread boards and wall sections.
4. Utilize testing devices for electronic measurement such as ammeters, voltmeters, and ohmmeters.
5. Build an LED Flashlight project by learning to solder circuits.
6. Properly install AC electrical components on a full scale wall section, including outlets, switches, 3 way switches, lights, and GFCI protected circuits.
7. Understand the usage of a kilowatt hour meter in regards to electrical consumption.
8. Construct an electric motor using hand tools, wire, sheet metal, and brass rod.

PREREQUISITE: None (Algebra I recommended.)

OPEN TO: 9-12

INTRODUCTION TO ENGINEERING DESIGN. Full Year

Course No. 1503

TOTAL IN-CLASS TIME: 5 mods. CREDITS: 5. GROUP: 3.

Students dig deep into the engineering design process, applying math, science, and engineering standards to hands-on projects. They work both individually and in teams to design solutions to a variety of problems using 3-D modeling software. This is a Project Lead the Way course.

PREREQUISITE: None.

OPEN TO: 9-12

ROBOTICS. Full Year**Course No. 1584 & 1585**

TOTAL IN-CLASS TIME: 5 mods. CREDITS: 4. GROUP: 3.

Robotics is designed to explore the use of automation technology in industry and society. Students will be engaged in Science, Technology, Engineering, and Math (STEM) through the use of robotic applications.

EACH STUDENT WILL:

1. Practice safety related to the robotics field, and study the subsystems of robotic platforms.
2. Learn robotic programming through both Arduino and RobotC.
3. Explore digital electronics and construct an Arduino-based project utilizing sensors, photo-resistors, relays and motors.
4. Study and construct a robotic arm to manipulate parts off a conveyor belt and place into bins.
5. Keep an Engineering Notebook up to date.
6. Learn about automated systems and construct a machine that is programmed and utilizes various switches, sensors and motors.
7. Design, construct, and test a full-sized robot to manipulate objects in both autonomous and remote control modes.

PREREQUISITE: None (Computer Programming, Introduction to Engineering Design, Algebra, Electronics, Principles of Engineering recommended).

OPEN TO: 10-12

STEM 1 . Full Year**Course No. 1815**

TOTAL IN-CLASS TIME: 11 mods. CREDITS: 12. GROUP: 3.

This course combines concepts of algebra, physics, and engineering to make real world connections through the use of hands-on activities and group projects. Through successful completion of this course, students will receive credit for Algebra I, Physics, and an engineering elective. Students must be willing to work in groups and independently.

NOTE: STEM 1 students must also take Earth & Space Science and Biology before graduating to fulfill the science graduation requirement.

EACH STUDENT WILL:

1. Develop an understanding of Algebra concepts such as variables, algebraic expressions, inequalities, data collection and analysis, and linear/quadratic functions.
2. Apply Algebra Concepts to develop an understanding of Physics concepts such as motion, force, momentum, and energy.
3. Apply mathematical and physics concepts and skills through hands-on engineering activities and projects.
4. Identify the interconnected relationship between Algebra, Physics and Engineering concepts.
5. Practice critical thinking and problem solving skills to model and solve multistep problems.

PREREQUISITE: Students must be recommended for Algebra I and Biology or Honors Biology.

OPEN TO: 9 Only

STEM 2. Full Year**Course No. 1816**

TOTAL IN-CLASS TIME: 10 mods. CREDITS: 10. GROUP: 3.

This course supplements the content taught in Geometry with Principles of Engineering to provide student with a contextualized learning experience that enhances connections with traditional geometry concepts through hands-on activities and projects. Reference the Geometry course (in the Mathematics section) and the Principles of Engineering course (in the Engineering and Tech section) for a list of topics taught in STEM 2. Through successful completion of this course, students will receive credit for Geometry (5 credits) and Principles of Engineering (5 credits).

EACH STUDENT WILL:

1. Understand and apply geometric concepts in a variety of contexts.
2. Utilize inductive and deductive reasoning skills to arrive at valid conclusions.
3. Deduce properties and relationships between figures and concepts.
4. Demonstrate recreational and practical geometry capabilities that encompass the sciences and arts.
5. Acquire a working knowledge of programming concepts.
6. Explore robotics systems and platforms.
7. Apply principles of critical thinking, problem-solving, and decision-making as it relates to product design and development.

PREREQUISITE: Algebra I (grade of C or higher) or teacher permission.

OPEN TO: 10

ARCHITECTURE AND CONSTRUCTION**CIVIL ENGINEERING & ARCHITECTURE. Full Year****Course No. 1508**

TOTAL IN-CLASS TIME: 6 mods. CREDITS: 5. GROUP: 3.

Students learn real world hands-on aspects of building and site design and development. They apply math, science, and standard engineering practices to design both residential and commercial projects and document their work using 3-D architectural design software. This is a Project Lead the Way course.

PREREQUISITE: None

OPEN TO: 10-12

PRINCIPLES OF ENGINEERING. Full Year**Course No. 1549**

TOTAL IN-CLASS TIME: 5 mods. CREDITS: 5. GROUP: 3.

Through hands-on problems that engage and challenge, students will:

1. Explore a broad range of engineering topics, including mechanisms, the strength of structures and materials, robotics, and automation.
2. Develop skills in problem solving, research, and design.
3. Use the engineering design process to construct a 1/10 scale boat. Use 1/10 design success to construct and test a full size boat in the pool.
4. Keep an Engineering notebook throughout the year to take notes as well as document the projects covered in the following units:

Unit 1: Energy and Power

Unit 2: Materials and Structures

Unit 3: Control Systems

Unit 4: Statistics and Kinematics

NOTE: This is a Project Lead the Way course.

PREREQUISITE: Intro to Engineering recommended.

OPEN TO: 10-12

CIVIL ENGINEERING & ARCHITECTURE 2. Full Year**Course No. 1509**

TOTAL IN-CLASS TIME: 4 mods. CREDITS: 4. GROUP: 4.

EACH STUDENT WILL:

1. Enhance skills acquired in Civil Engineering and Architecture
2. Apply architectural concepts to create 2D and 3D models.
3. Create a product to convey an architectural design, idea, or mood.
4. Work effectively as a team member to create design solutions to realistic architectural problems.

PREREQUISITE: Architecture I

OPEN TO: 11-12

CONSTRUCTION. Second Semester**Course No. 1522**

TOTAL IN-CLASS TIME: 5 mods. CREDITS: 4. GROUP: 2.

EACH STUDENT WILL:

1. Demonstrate the safe operation of all power equipment.
2. Demonstrate construction techniques through lab processes.
3. Demonstrate skills in floor framing, wall framing, roof framing, sheetrock assembly, and basic residential wiring.
4. Demonstrate skills in home maintenance and repair.
5. PREREQUISITE: None.

OPEN TO: 9-12

SKETCHING. First or Second Semester**Course No. 1504**

TOTAL IN-CLASS TIME: 5 mods. CREDITS: 4. GROUP: 2.

Students who have an interest in expanding their skills in landscape rendering with pencil and drawing objects in perspective will find this course fulfilling.

EACH STUDENT WILL:

1. Develop skills in drawing landscape with pencil.
2. Demonstrate the ability to create design solutions using perspective-drawing techniques.
3. Select the appropriate technique, tools, and materials to creatively render a drawing.

PREREQUISITE: None.

OPEN TO: 10-12

MANUFACTURING AND TRANSPORTATION**ARC WELDING. Second Semester****Course No. 1516**

TOTAL IN-CLASS TIME: 5 mods. CREDITS: 4. GROUP: 3.

This course is a Dual Enrollment Partnership with Metro Community College. Students are required to register and pay for credits with Metro Community College at the current rate. Students taking the Arc Welding course will be assigned into one of two groups: Gas Metal Arc Welding or Shielded Metal Arc Welding. Students may take this course twice allowing them to study both processes in any order.

EACH STUDENT WILL:

1. Demonstrate skills in multi-position arc welding.
2. Demonstrate skills in industrial cutting.
3. Demonstrate skills in single and multi-pass welding.
4. Pass a limited thickness welder performance qualification test per AWS D1.1 welding code.
5. Research physical metallurgy and present data.

PREREQUISITE: Welding Processes.

COURSE EXPENSES: Approximately \$40 for MCC tuition.

OPEN TO: 9-12

CONSUMER AUTOMOTIVE. First Semester**Course No. 1535**

TOTAL IN-CLASS TIME: 3 mods. CREDITS: 3. GROUP: 3.

EACH STUDENT WILL:

1. Demonstrate an understanding of automotive terminology.
2. Recognize routine maintenance needs through teamwork activities.
3. Identify the major components of an automobile's major systems.
4. Perform activities in the classroom and commute to local businesses.

PREREQUISITE: None.

OPEN TO: 11-12

OXY-ACETYLENE WELDING. First Semester**Course No. 1515**

TOTAL IN-CLASS TIME: 5 mods. CREDITS: 4. GROUP: 3.

This course is a dual credit partnership with Metro Community College. Students are required to register for credit with Metro Community College at the current rate.

EACH STUDENT WILL:

1. Demonstrate skills in multi-position oxygen-acetylene welding.
2. Demonstrate skills in multi-position braze welding.
3. Demonstrate skills in single pass fusion welding.
4. Demonstrate skills in single pass braze welding.
5. Apply oxygen-acetylene welding techniques to create manufacturing solutions.

PREREQUISITE: Welding Processes.

COURSE EXPENSES: Approximately \$40 for MCC tuition.

OPEN TO: 10-12

WELDING PROCESSES. First or Second Semester**Course No. 1513**

TOTAL IN-CLASS TIME: 5 mods. CREDITS: 4. GROUP: 2.

This course is the first step toward welding certification and a prerequisite for the Oxygen/Acetylene and Arc Welding courses offered in conjunction with Metropolitan Community College.

EACH STUDENT WILL:

1. Develop workplace readiness and technical skills in the field of welding.
2. Develop an introductory proficiency in flat position welding using gas metal arc welding methods.
3. Develop an introductory proficiency in flat position welding using shielded metal arc welding methods.
4. Develop an introductory proficiency in flat position welding using oxy-acetylene welding methods.

PREREQUISITE: None.

OPEN TO: 9-12

WOODS I. First or Second Semester**Course No. 1523**

TOTAL IN-CLASS TIME: 5 mods. CREDITS: 4. GROUP: 2.

This course is designed for the student interested in building wood products but has little knowledge of woodworking tools and procedures.

EACH STUDENT WILL:

1. Select and safely use woodworking hand-held power tools.
2. Select and safely use woodworking power tools.
3. Apply proper woodworking procedures.
4. Apply proper maintenance and care of woodworking tools.
5. Understand critical thinking, planning, problem solving, and decision-making from the perspective of a professional woodworker.

PREREQUISITE: None.

OPEN TO: 9-12

WOODS II. First Semester**Course No. 1524**

TOTAL IN-CLASS TIME: 5 mods. CREDITS: 4. GROUP: 2.

This course will provide students with an opportunity to further their development of woodworking tools, procedure, and planning skills learned in the Woods I course.

EACH STUDENT WILL:

1. Apply principles of critical thinking, planning, problem solving, and decision-making as it relates to the design and development of a wood product.
2. Apply advanced woodworking procedures and techniques in the construction of a wood product.
3. Apply the appropriate selection and use of advance woodworking tools for joint design such as techniques for the router and mortise and tenon machines.
4. Apply the appropriate selection and use of proper wood finishing materials and procedures.

PREREQUISITE: Woods I.

OPEN TO: 10-12

ENGLISH

Course	Semester	Credit	Group	Open To
FRESHMAN				
English 1	Full Year	4	3	9
English 1 (H)	Full Year	4	4	9
SOPHOMORE				
English 2	Full Year	4	3	10
English 2 (H)	Full Year	4	4	10
JUNIOR				
English 3	Full Year	4	3	11
English Language & Comp AP	Full Year	4	5	11
SENIOR				
English 4	Full Year 1 or 2	4	3	12
Film and Lit Appreciation	1 or 2	4	4	12
Young Adult Lit	1 or 2	4	4	12
Humanities	Full Year 1 or 2	4	4	12
English Literature & Comp AP	Full Year	4	5	12
ELECTIVES				
Creative Writing	2	4	3	10-12
Reading Workshop 1	Full Year	4	1	9
Reading Workshop 2	Full Year	4	1	10
Reading Workshop 3	Full Year	4	1	11
Reading Workshop 4	Full Year	4	1	12
Debate	1 or 2	3	3	9-10-11-12
Introduction to Oral Communication	1	4	3	9-10-11-12

Eight consecutive semesters of English/Literature are required for grades 9-12.

FRESHMAN SELECTIONS:

ENGLISH 1. Full Year.

Course No. 1207 & 1208

TOTAL IN-CLASS TIME: 4 mods. CREDITS: 4. GROUP: 3.

EACH STUDENT WILL:

1. Read, analyze, and respond to a variety of genres of text.
2. Write literary analysis, persuasive, and expository pieces.
3. Demonstrate effective communication skills for individual presentations and class discussions.
4. Practice basic research skills by gathering and organizing evidence for writing.

PREREQUISITE: None.

OPEN TO: 9

ENGLISH 1 (H). Full Year.

Course No. 1209 & 1210

TOTAL IN-CLASS TIME: 4 mods. CREDITS: 4. GROUP: 4.

EACH STUDENT WILL:

1. Read, analyze, and respond to a variety of genres of text.
2. Write literary analysis, expository, and persuasive essays.
3. Use basic research skills to gather and organize pertinent and evidence for writing.
4. Apply speaking and listening skills to advance their understanding of course content.
5. Demonstrate a positive work ethic by completing assignments on time.

NOTE 1: This course is recommended for a motivated student with strong reading and writing skills.

Significant amounts of close reading and writing will be required outside of class.

NOTE 2: A summer reading/writing assignment is required for this class.

PREREQUISITE: Grade of B or higher in English 8 and teacher recommendation.

OPEN TO: 9

SOPHOMORE SELECTIONS:

ENGLISH 2. Full Year

Course No. 1215 & 1216

TOTAL IN-CLASS TIME: 4 mods. CREDITS: 4. GROUP: 3.

EACH STUDENT WILL:

1. Read and respond to a variety of genres of text.
2. Write narrative, expository, and persuasive essays.
3. Apply speaking and listening skills to advance understanding of course content.
4. Demonstrate a positive work ethic by completing assignments on time.

NOTE: This course serves as the foundation for all other literature classes. Higher level reading skills and language arts skills will be emphasized.

PREREQUISITE: None.

OPEN TO: 10

ENGLISH 2 (H). Full Year

Course No. 1219 & 1229

TOTAL IN-CLASS TIME: 4 mods. CREDITS: 4. GROUP: 4

EACH STUDENT WILL:

1. Read and respond to texts (e.g., print, electronic, film/video, etc.) by authors from a variety of cultures and backgrounds.
2. Create texts that articulate connections between works studied and their own experiences.
3. Apply speaking and listening skills to advance their understanding of course content.
4. Demonstrate a positive work ethic by completing assignments on time.

NOTE 1: This course serves as the foundation for all other literature courses. To be successful at the honors level, students must be motivated learners and strong readers and writers.

NOTE 2: A summer reading assignment is required for this course.

PREREQUISITE: Grade of "B+" in English 1 or B in English 1 (H) is required. Exceptions may be requested through the head of the English Department.

OPEN TO: 10

JUNIOR SELECTIONS:

ENGLISH 3. Full year

Course No. 1225 & 1226

TOTAL IN-CLASS TIME: 4 mods. CREDITS: 4. GROUP: 3.

EACH STUDENT WILL:

1. Read, respond and analyze nonfiction, short fiction, novels, poetry, and drama with an emphasis on rhetoric.
2. Apply speaking and listening skills to lectures, class discussion, formal group and individual projects and presentations.
3. Write a variety of narrative, expository, and persuasive pieces scored with an emphasis on audience and purpose.

PREREQUISITE: None.

OPEN TO: 11

ENGLISH LANGUAGE & COMPOSITION AP. Full Year

Course No. 1261

TOTAL IN-CLASS TIME: 4 mods. CREDITS: 4. GROUP: 5.

EACH STUDENT WILL:

Students taking this Advanced Placement course will analyze and discuss works of composition, both classical and modern, in written evaluations of rhetoric and argument. Students will also complete timed essay exams in class modeled after the AP exam. Students may take the Advanced Placement English Language and Composition exam administered in May and/or dual enroll with Nebraska Wesleyan for college credit.

*This class can be taken for dual credit through Nebraska Wesleyan University. Three college credit hours can be earned for the year. The cost of this optional program is determined annually by the University.

PREREQUISITE: A in English 2 and a B+ or higher in English 2H

OPEN TO: 11

SENIOR SELECTIONS:

ENGLISH 4. Full Year, First or Second Semester

Course No. 1235 & 1236

TOTAL IN-CLASS TIME: 4 mods. CREDITS: 4. GROUP: 3.

EACH STUDENT WILL:

- Read a variety of texts, with an emphasis on informational genres.
- Write traditional academic essays, creative pieces, and technical real-world writing.
- Practice speaking and listening skills.
- Discuss texts and related contemporary problems.

PREREQUISITE: None.

OPEN TO: 12

YOUNG ADULT LITERATURE. First or Second Semester

Course No. 1281

TOTAL IN-CLASS TIME: 4 mods. CREDITS: 4 GROUP: 4

This course will explore the purpose and validity of the Young Adult Literature genre (def. Realistic fiction set in the real, contemporary world and addresses problems, issues, and life circumstances of interest to young readers aged approximately 12-18).

EACH STUDENT WILL:

1. Discuss multiple young adult texts and their relationship to contemporary and real-world issues.
2. Practice and demonstrate effective speaking and listening skills.
3. Create several extending writing pieces including, but not limited to: literary analysis, research; argumentative/persuasive, and comparative.
4. Demonstrate a positive work ethic and efficient time management.

PREREQUISITE: None.

NOTE: This course is not an NCAA approved course.

OPEN TO: 12

FILM AND LITERATURE APPRECIATION. First or Second Semester**Course No. 1282**

TOTAL IN-CLASS TIME: 4 mods. CREDITS: 4 GROUP: 4

This course explores how stories are an essential element of the human experience. This course will look at the interplay between written stories and their translation through film.

EACH STUDENT WILL:

1. Analyze the director's choices in telling the story through cinematography, sound, music, acting, etc.
2. Write critiques on each film viewed that explores the success in each film in adapting the writer's original vision through dramatic structure and characterization.

* A word of caution for students. This class will require extensive reading outside of class time throughout the semester. This is in addition to watching films and having discussions during class.

** Parent permission is required to take this course as some of the selected movies that will be viewed are rated R. All movies selected are critically acclaimed and are selected for their merit. A complete list of movies and texts will be available the first day of class.

PREREQUISITE: None.

NOTE: This course is not an NCAA approved course.

OPEN TO: 12

HUMANITIES. Full Year, or First or Second Semester**Course No. 1239**

TOTAL IN-CLASS TIME: 4 mods. CREDITS: 4. GROUP: 4.

This course will analyze personal, cultural, and historical connections in and among texts representative of the major periods of thought for Western Civilization, including Classical, Medieval, Renaissance, Romantic, Modern and Post-Modern.

EACH STUDENT WILL:

1. Explore how the human condition is expressed, using both print and non-print texts to analyze those themes.
2. Write papers in expository and narrative formats.
3. Engage in close reading, class discussions, formal and informal group projects and individual presentations/projects.

NOTE: Semester 1 (Classical eras text through Renaissance era texts). Semester 2 (Romantic era texts through Post-Modern era texts).

PREREQUISITE: None.

OPEN TO: 12

ENGLISH LITERATURE & COMPOSITION AP. Full Year**Course No. 1250 & 1260**

TOTAL IN-CLASS TIME: 4 mods. CREDITS: 4. GROUP: 5.

Students taking this Advanced Placement course will encounter the rigor and experiences found in a college-level literature program. It follows the curricular requirements described in the AP Literature Course Description. As a part of this class, students will read a wide variety of representative literature and poetry found on the AP Literature Exam, analyze the intricacies and issues within the texts, produce complex and varied writing pieces, and become well-versed in literary concepts and theories.

EACH STUDENT WILL MASTER THE FOLLOWING SKILLS:

1. **READING:** Persevere through long and “complex imaginative literature (fiction, drama, and poetry) appropriate for college-level study,” which spans several genres and eras.
2. **SCHOLARSHIP:** Find (in print and digital locations) and ethically apply literary scholarship, companion texts, and support resources to their reading and interpretation of a text.
3. **MAKING AN INTERPRETATION:** Devise an original theory about the meaning of a text and its contributing factors.
4. **DEFENDING AN INTERPRETATION:** Defend their original theory about the meaning of a text by citing and analyzing contributing factors.
5. **TEXTUAL DETAILS:** Write about (formally and informally) and discuss literature “based on a careful observation of textual details, considering the work’s structure, style, and themes; the social and historical values it reflects and embodies; and such elements as the use of figurative language, imagery, symbolism, and tone”.
6. **DISCUSSION:** Respectfully participate in wide-ranging and complex discussions and presentations of their theories and interpretations of a text.
7. **WRITING:** Write skillfully, in both a timed and protracted context, essays and short pieces in narrative, expository, analytical, and argumentative modes.
8. **TERMINOLOGY:** Master and apply domain-specific vocabulary to meaningfully engage with concepts in class and its content.

*This class can be taken for dual credit through Nebraska Wesleyan University or University of Nebraska at Omaha. Three college credit hours can be earned for either semester. The cost of this optional program is determined annually by each university. Registration information is provided in class.

NOTE 1: There is a required summer reading/writing assignment. Details will be provided following registration or can be obtained in the English IMC.

NOTE 2: Students should be aware that the College Board’s Advanced Placement exam is administered in May.

PREREQUISITE: B+ in English 3 or a B in AP Lit and Comp

OPEN TO: 12

ELECTIVES**Creative Writing****Reading Workshop 1****Reading Workshop 2****Reading Workshop 3****Reading Workshop 4****Debate****Intro to Oral Communication****CREATIVE WRITING. Second Semester****Course No. 1238**

TOTAL IN CLASS TIME: 4 mods. CREDITS: 4. GROUP: 3.

EACH STUDENT WILL:

1. Write and share a variety of creative writing in different genres.
2. Write, share and revise daily in a Writer’s Workshop.
3. Read and evaluate peer and professional writing.
4. Demonstrate a positive work ethic by completing assignments on time and regular classroom participation.

PREREQUISITE: None.

OPEN TO: 10-12

READING WORKSHOP 1. Full Year**Course No. 1201**

TOTAL IN-CLASS TIME: 4 mods. CREDITS: 4. GROUP: 1.

EACH STUDENT WILL:

1. Concentrate on key reading skills to improve reading comprehension in both school text and other reading selections.
2. Improve ability to find main ideas, summarize, paraphrase, and make text-based inferences.
3. Refine and increase critical reading strategies.
4. Continue to work toward reading competency.

NOTE: Must also be enrolled in English 1.

PREREQUISITE: Enrollment determined by test scores and by recommendation of English Department Chairs.

OPEN TO: 9

READING WORKSHOP 2. Full Year**Course No. 1211**

TOTAL IN-CLASS TIME: 4 mods. CREDITS: 4. GROUP: 1.

EACH STUDENT WILL:

1. Concentrate on key reading skills to improve reading comprehension and vocabulary recognition in both school text and other reading selections.
2. Improve ability to identify and analyze background knowledge, inferences question, monitor for meaning, fix-up strategies and determining importance of synthesis.
3. Background knowledge, monitor for meaning, fix-up strategies, determine importance and synthesis.
4. Continue to work toward reading competency.

NOTE: Must also be enrolled in English 2.

PREREQUISITE: Enrollment determined by test scores and by recommendation of English Department Chairs.

OPEN TO: 10

READING WORKSHOP 3. Full Year**Course No. 1212**

TOTAL IN-CLASS TIME: 4 mods. CREDITS: 4. GROUP: 1.

EACH STUDENT WILL:

1. Concentrate on key reading skills to improve reading comprehension and vocabulary recognition in both school text and other reading selections.
2. Improve ability to identify and analyze background knowledge, inferences question, monitor for meaning, fix-up strategies and determining importance of synthesis.

PREREQUISITE: Enrollment determined by test scores and by recommendation of reading specialist and English Department Chair.

OPEN TO: 11

READING WORKSHOP 4. Full Year**Course No. 1204**

TOTAL IN-CLASS TIME: 4 mods. CREDITS: 4. GROUP: 1.

EACH STUDENT WILL:

1. Concentrate on key reading skills to improve reading comprehension and vocabulary recognition in both school text and other reading selections.
2. Improve ability to identify and analyze background knowledge, inferences question, monitor for meaning, fix-up strategies and determining importance of synthesis.
3. Continue to work toward reading competency.

PREREQUISITE: Enrollment determined by test scores and by recommendation of English Department Chairs.

OPEN TO: 12

DEBATE. First or Second Semester**Course No. 1285**

TOTAL IN-CLASS TIME: 4 mods. CREDITS: 3. GROUP: 3.

EACH STUDENT WILL:

1. Learn the basics of debate and public speaking through practice and participation.
2. Prepare debates by researching and compiling data.
3. Study logic, philosophy, reasoning and argumentation.
4. Study the basics of public speaking including vocal, nonverbal and verbal communication.
5. Demonstrate a strong work ethic by completing all work on time and by working outside of assigned class time.

PREREQUISITE: None.

OPEN TO: 9-12

INTRODUCTION TO ORAL COMMUNICATION. First Semester**Course No. 1222**

TOTAL IN-CLASS TIME: 4 mods. CREDITS: 4. GROUP: 3.

EACH STUDENT WILL:

1. Encourage creativity and the use of imagination
2. Foster cooperation and teamwork
3. Learn effective intrapersonal and interpersonal communication skills
4. Learn the basics of both verbal and non-verbal communication
5. Instill confidence and a strong self-image
6. Provide unique interaction with peers
7. Increase focus and concentration
8. Improve listening skills
9. Encourage acceptance of each student's uniqueness
10. Allow fun and humor to permeate the classroom

PREREQUISITE: None.

OPEN TO: 9-12

FAMILY AND CONSUMER SCIENCE

Foods Classes

9-12
Foods and Nutrition
 Either Semester

10-12
Foods and Nutrition 2
Earn C or better Foods 1
 Either Semester

11-12
Culinary Arts
Earn C or better Foods 2
 1st Semester Only

11-12
Global Foods
Earn C or better Foods 2
 2nd Semester Only

Design Classes

9-12
Intro. Fashion
 Either Semester

9-12
Fashion 1
Must pass Intro Fashion
 Either Semester

10-12
Fashion 2, 3 and 4
Must pass Fashion 1, 2 or 3
 Either Semester

11-12
Fashion Merchandising
Must pass Fashion 1, 2 or 3
 Either Semester - Online

11-12
Interior Design
 1st Semester Only

Human Science Classes

9-12
Child Development
 Either Semester

9-10
Human Behavior
 Either Semester

11-12
Personal Development (HB2)
NO PREREQUISITE
 2nd Semester Only

11-12
Parent Development
 1st Semester Only

11-12
Life & Consumer Essentials
 1st Semester Only

11-12
Intro to Education
 Dual Enrollment UNO
Earn B or better Child Dev.
 Either Semester

FAMILY AND CONSUMER SCIENCE

Course	Semester	Credit	Group	Open To
Child Development	1 or 2	4	3	9-10-11-12
Intro to Education	1	3	2	11-12
Parent Development	1	4	3	11-12
Human Behavior	1 or 2	4	3	9-10
Personal Development Life and Consumer Essentials	2	4	2	11-12
Interiors	1	4	4	11-12
Intro to Fashion	1 or 2	3	2	9-10-11-12
Fashion 1	1 or 2	3	2	9-10-11-12
Fashion 2	1 or 2	3	2	10-11-12
Fashion 3	1 or 2	3	2	10-11-12
Fashion 4	1 or 2	3	2	11-12
Fashion Merchandising	2	3	2	11-12
Foods & Nutrition I	1 or 2	3	2	9-10-11-12
Foods & Nutrition II	1 or 2	3	2	10-11-12
Culinary Arts 1	3	3		11-12
Global Foods 2	3	3		11-12

CHILD DEVELOPMENT. First or Second Semester

Course No. 1422

TOTAL IN-CLASS TIME: 4 mods. CREDITS: 4. GROUP: 3.

EACH STUDENT WILL:

1. Study prenatal development and stages of labor and delivery.
2. Study growth and development from birth to age six in the areas of physical, intellectual, social and emotional.
3. Explore ways to successfully nurture a child at each stage.

PREREQUISITE: None.

OPEN TO: 9-12

INTRODUCTION TO EDUCATION. First or Second Semester

Course No. 1423

TOTAL IN-CLASS TIME: 6 mods. CREDITS: 3. GROUP: 2.

EACH STUDENT WILL:

1. Be responsible for transportation to and from practicum, 4 mods per week.
2. Gain an understanding of education profession through career exploration and initial exposure to the dynamics of Pre-K through Grade 6 classroom teaching.
3. Optional dual credit with the University of Nebraska-Omaha.

Maintain good standing with respect to the WHS Student Code of Conduct.

PREREQUISITE: Minimum grade of "B" or above in Child Development or teacher permission required.

OPEN TO: 11-12

PARENT DEVELOPMENT. First Semester

Course No. 1427

TOTAL IN-CLASS TIME: 4 mods. CREDITS: 4. GROUP: 3.

EACH STUDENT WILL:

1. Recognize the roles and responsibilities associated with parenthood.
2. Identify physical, social, psychological, and economic factors affecting today's family.
3. Explore ways in which community resources may be used to support and assist families in meeting their needs and solving problems.
4. Have the option to experience the "Real Care" program.

PREREQUISITE: None.

OPEN TO: 11-12

HUMAN BEHAVIOR. First or Second Semester**Course No. 1435**

TOTAL IN-CLASS TIME: 4 mods. CREDITS: 4. GROUP: 3.

EACH STUDENT WILL:

1. Understand behaviors of individual and groups.
2. Participate in a course designed to help you improve interpersonal skills, conflict resolution and communication skills.
3. Study and discuss personality and character development, human sexuality and family relations.

PREREQUISITE: None.

OPEN TO: 9-10

PERSONAL DEVELOPMENT. Second Semester**Course No. 1434**

TOTAL IN-CLASS TIME: 4 mods. CREDITS: 4. GROUP: 2.

EACH STUDENT WILL:

1. Make decisions that are appropriate and positive in our society.
2. Develop problem solving, stress management and coping skills.
3. Use ideas and strategies to encourage self growth/improvement.

PREREQUISITE: None.

OPEN TO: 11-12

LIFE AND CONSUMER ESSENTIALS. First Semester**Course No. 1433**

TOTAL IN-CLASS TIME: 4 mods. CREDITS: 4. GROUP: 2.

EACH STUDENT WILL:

1. Identify consumer rights and responsibilities and understand how consumer actions impact the economy.
2. Understand management of financial resources and life skills to meet the goals of individuals and families.

PREREQUISITE: None.

OPEN TO: 11-12

INTERIORS. First Semester**Course No. 1459**

TOTAL IN-CLASS TIME: 4 mods. CREDITS: 4. GROUP: 4.

EACH STUDENT WILL:

1. Learn a variety of design principles for interior housing.
2. Explore styles of architecture and periods of furniture.
3. Apply the basic principles of design to complete a major project.
4. Explore careers in Interior Design through field trips and guest speakers.

PREREQUISITE: None.

OPEN TO: 11-12

INTRO TO FASHION. First or Second Semester**Course No. 1442**

TOTAL IN-CLASS TIME: 5 mods. CREDITS: 3. GROUP: 2.

EACH STUDENT WILL:

1. Learn the beginning skills of garment selection, construction, and fitting.
2. Be able to use correct terminology and evaluate quality in fashion garments.
3. Become a knowledgeable consumer within a fabric store.

COURSE EXPENSES: Approximately \$25 per project, average 2-4 projects.

PREREQUISITE: None.

OPEN TO: 9-12

FASHION I. First or Second Semester**Course No. 1443**

TOTAL IN-CLASS TIME: 5 mods. CREDITS: 3. GROUP: 2.

EACH STUDENT WILL:

1. Develop new skills and techniques in garment construction.
2. Learn professional finishing using an overlock serger machine.
3. Understand the psychological aspects of clothing, and fashion design.

COURSE EXPENSES: Approximately \$30 per project, average 2-4 projects.

PREREQUISITE: A passing grade in Intro to Fashion.

OPEN TO: 9-12

FASHION II. First or Second Semester**Course No. 1444**

TOTAL IN-CLASS TIME: 5 mods. CREDITS: 3. GROUP: 2.

EACH STUDENT WILL:

1. Learn and use advanced techniques.
2. Become proficient at independently interpreting patterns and instructions.
3. Learn to complete a basic design on the embroidery machine.

COURSE EXPENSES: Approximately \$30 per project, 3 projects.

PREREQUISITE: A passing grade in Fashion I.

OPEN TO: 10-12

FASHION III. First or Second Semester**Course No. 1445**

TOTAL IN-CLASS TIME: 5 mods. CREDITS: 3. GROUP: 2.

EACH STUDENT WILL:

1. Learn and use new construction techniques.
2. Complete one project which has an applique that uses fusible web and the hand outline stitch.
3. Complete a project that recycles other materials.
4. Complete a personalized design on the embroidery machine.

COURSE EXPENSES: Approximately \$35 per project, 3 projects.

PREREQUISITE: A passing grade in Fashion II.

OPEN TO: 10-12

FASHION IV. First or Second Semester**Course No. 1446**

TOTAL IN-CLASS TIME: 5 mods. CREDITS: 3. GROUP: 2.

EACH STUDENT WILL:

1. Complete an outfit which has new construction techniques.
2. Successfully complete craft and interior projects.
3. Explore careers in the fashion industry.
4. Complete an advanced personalized design on the embroidery machine.

COURSE EXPENSES: Approximately \$35 per project, 3 projects.

PREREQUISITE: A passing grade in Fashion III.

OPEN TO: 11-12

FASHION MERCHANDISING ONLINE. Second Semester**Course No. 4441**

TOTAL IN-CLASS TIME: 1 mod. CREDITS: 3. GROUP: 2.

This is an online class which meets with Mrs. Losen one mod each week.

EACH STUDENT WILL:

1. Explore career paths within textiles, fashion design, manufacturing, fashion marketing and merchandising industries.
2. Study the relationship among the textile, fashion design and manufacturing industries.
3. Analyze the process of apparel and fashion marketing and merchandising.
4. Interview and shadow a local fashion store manager about buying wholesale, distribution, inventories, retail marketing, merchandising and related careers with an opportunity for a practicum or project experience.

PREREQUISITE: 2 Semesters of Fashion or teacher permission.

OPEN TO: 11-12

FOODS AND NUTRITION I. First or Second Semester**Course No. 1412**

TOTAL IN-CLASS TIME: 5 mods. CREDITS: 3. GROUP: 2.

EACH STUDENT WILL:

1. Understand ingredient functions and principles of cooking for quick breads, yeast breads, dairy, eggs, produce, and grains.
2. Develop an understanding of the importance of essential nutrients.
3. Use good management, safety, and sanitation practices in the kitchen.
4. Work as a team member in food preparation.

PREREQUISITE: None.

OPEN TO: 9-12

FOODS AND NUTRITION II. First or Second Semester**Course No. 1413**

TOTAL IN-CLASS TIME: 5 mods. CREDITS: 3. GROUP: 2.

EACH STUDENT WILL:

1. Analyze ingredient functions and apply advanced principles of cooking for meats, poultry, seafood, dairy, eggs, produce and grains.
2. Develop skills for planning nutritious and well balanced meals.
3. Work as a team to prepare, serve and evaluate complete dinners.

NOTE: May not take with any other foods courses.

PREREQUISITE: C or better in Foods and Nutrition I.

OPEN TO: 10-12

CULINARY ARTS. First Semester**Course No. 1414**

TOTAL IN-CLASS TIME: 4 mods. CREDITS: 3. GROUP: 3.

EACH STUDENT WILL:

1. Analyze ingredient functions and apply advanced principles of cooking and baking using a wide variety of foods including spices, herbs, nuts, mother sauces (bechamel, veloute, hollandaise, tomato sauce, espagnol), specialty desserts and cake decorating.
2. Research and evaluate recipes to meet a specific criteria.
3. Understand careers and career pathways in food service.

NOTE: May not take with any other foods courses.

PREREQUISITE: C or better in Foods and Nutrition I & II or teacher permission.

OPEN TO: 11-12

GLOBAL FOODS. Second Semester**Course No. 1416**

TOTAL IN-CLASS TIME: 4 mods. CREDITS: 3. GROUP: 3.

EACH STUDENT WILL:

1. Understand geographic, cultural, historical and social influences on mealtime customs.
2. Apply a wide variety of cooking methods to ethnic recipes.
3. Manage lab procedures to complete and serve an ethnic meal.

NOTE 1: Fulfills one semester of the Global/Multicultural Requirement.

NOTE 2: May not take with any other foods courses.

PREREQUISITE: C or better in Foods and Nutrition I and II or teacher permission.

OPEN TO: 11-12

COUNSELING

Course	Semester	Credit	Group	Open To
Freshman Group Guidance	1	0.25	1	9
Sophomore Group Guidance	2	0.25	1	10
Junior Group Guidance	1	0.25	1	11
Senior Group Guidance	2	0.25	1	12
Mindfulness and Positive Psychology	2	2	3	10-11-12
Metro CC Career Academy	Full Year	10	3	12
UNMC - Health Alliance	Full Year	10	4	12
Zoo Academy	Full Year	25	3-4	11-12

FRESHMAN GROUP GUIDANCE. First Semester

Course No. 2801-2808

TOTAL IN-CLASS TIME: 1 mod. CREDITS: 0.25 GROUP: 1.

EACH STUDENT WILL:

1. Discuss the difference between “fitting in” and true belonging and how this difference relates to peer pressure, and bullying.
2. Practice helpful self-talk that supports resiliency.
3. Practice mindfulness and learn how it helps with stress, emotions, and focus.
4. Develop an awareness and recognition of the warning signs to prevent suicide.

NOTE: This course is a graduation requirement.

SOPHOMORE GROUP GUIDANCE. Second Semester

Course No. 2810

TOTAL IN-CLASS TIME: 1 mod. CREDITS: 0.25 GROUP: 1.

EACH STUDENT WILL:

1. Explore graduation and college entrance requirements and review academic standing (GPA, class rank, credits).
2. Review post-secondary options (4 year college, 2 year college, military, etc.).
3. Develop an awareness and recognition of the warning signs to prevent suicide.

NOTE: This course is a graduation requirement.

JUNIOR GROUP GUIDANCE. First Semester

Course No. 2811

TOTAL IN-CLASS TIME: 1 mod. CREDITS: 0.25 GROUP: 1.

EACH STUDENT WILL:

1. Explore post-secondary options more in-depth (4 year college, 2 year college, military, etc.).
2. Explore graduation and college entrance requirements and review academic standing (GPA, class rank, credits).
3. Develop an awareness and recognition of the warning signs to prevent suicide.

NOTE: This course is a graduation requirement.

SENIOR GROUP GUIDANCE. Second Semester

Course No. 2818

TOTAL IN-CLASS TIME: 1 mod. CREDITS: 0.25 GROUP: 1.

EACH STUDENT WILL:

1. Develop an awareness and recognition of the warning signs to prevent suicide.
2. Discuss post-secondary transition plans.
3. Complete senior checkout form.

NOTE: This course is a graduation requirement.

MINDFULNESS AND POSITIVE PSYCHOLOGY. Second Semester**Course No. 2836**

TOTAL IN-CLASS TIME: 2 mods. CREDITS: 2. GROUP: 3.

EACH STUDENT WILL:

1. Practice and learn the benefits of mindfulness. (Mindfulness increases focus, emotional regulation, and helps manage stress.)
2. Study factors that increase human happiness, well-being, and resiliency.
3. Study and discuss strengths, understanding self, emotions, self-worth and gratitude.

PREREQUISITE: None

OPEN TO: 10-12

METROPOLITAN COMMUNITY COLLEGE CAREER ACADEMY. Full Year**Course No. 5512**

TOTAL IN-CLASS TIME: 15 mods. CREDITS: 10. GROUP: 3.

This class is a dual credit course with Metropolitan Community College. In order to receive an application, the student must meet with their counselor and be on target for graduation. The student will need to complete an application that includes an essay, a teacher recommendation, and a parent recommendation. By completing the application, the student agrees to attend class according to Metropolitan's school calendar, to pay the current tuition rate at Metropolitan as well as provide his or her own transportation to the college campus. The college faculty will select the students that will be invited to participate in the programs. For the most current available courses, please visit <https://mccneb.edu/Career-Academy>

PREREQUISITE: Counselor approval, complete the application process, and acceptance by Metropolitan Community College. You must also be on track for graduating on time.

OPEN TO: 12

UNMC High School Alliance. Full Year**Course No. 1899**

TOTAL IN-CLASS TIME: 20 mods. CREDITS: 10. GROUP: 4.

The UNMC High School Alliance is a health sciences enrichment program for students interested in health professions. As a part of the program, students interact with a variety of health professionals, patients, and researchers.

Students admitted to the UNMC Alliance will take classes on the UNMC campus every day from 1 p.m. to 3 p.m. Because school districts have different calendars, the UNMC Alliance follows the Omaha Public Schools calendar. If school is not in session but the UNMC Alliance does have class, students are still required to attend. Westside Community Schools will support up to 4 students. In order to receive an application, the student must meet with their counselor and be on target for graduation.

To apply for the UNMC High School Alliance program, please click on the "Complete Your Application Now" button at: www.unmc.edu/alliance/admissions/apply.html

You will need to create an account in order to access the online application. If you have any problems with the link, please contact the UNMC High School Alliance program at (402) 559-3027.

PREREQUISITE: Counselor approval, complete the application process, and acceptance by UNMC.

OPEN TO: 12

ZOO ACADEMY. Full Year**Course No. 5530**

TOTAL IN-CLASS TIME: 6 mods CREDITS: 25 GROUP: 3-4 (depends on course selected, see below). This program is offered off-site at the Henry Doorly Zoo. The program is a half day program and an application is required. In order to receive an application, the student must meet with their counselor and be on target for graduation. The student will need to complete an application and interview with zoo staff. The application includes an essay, 3 teacher recommendations, and a parent recommendation. A TB test and a drug test are also required by the zoo in order to participate in the program. There is also an estimated \$50 fee for purchase of required uniforms for the program. By completing the application, the student agrees to attend class according to the Zoo Academy's school calendar, to pay the required uniform fee, as well as provide his or her own transportation to the zoo campus.

For more information and to apply, visit www.omahazoo.com/ZooAcademy

HEALTH AND PHYSICAL EDUCATION (HPE)

Course	Semester	Credit	Group	Open To
HPE Foundations				
Healthy Living	1 or 2	4	3	9-10-11-12
Sports Skills 1	1 or 2	3	2	9-10-11-12
Strength & Conditioning 1	1 or 2	3	2	9-10-11-12
Swimming 1	1 or 2	3	2	9-10-11-12
Advanced Physical Education				
Swimming 2	1 or 2	3	2	9-10-11-12
Swimming 3	1 or 2	3	2	9-10-11-12
Strength & Conditioning 2	1 or 2	3	2	10-11-12
Lifeguard Training & Water Safety Instruction Aide	1 or 2	4	3	10-11-12
Cross Training & Aerobics	1 or 2	3	2	10-11-12
Sports Skills 2	1 or 2	3	2	11-12
Lifetime Fitness	1 or 2	3	2	11-12
Sports Performance I	1 or 2	3	2	10
Sports Performance II	1 or 2	3	2	11
Sports Performance III	1 or 2	3	2	12
Electives				
Intro to Health Sciences	1	4	3	10-11-12
Advanced Health Sciences	2	4	3	11-12
Sports Medicine	2	4	4	10-11-12
Medical Terminology I	1	3	3	11-12
Medical Terminology II	2	3	3	11-12
Public Health Youth Advocacy Certificate	Full Year	3	3	11-12
Certified Nursing Assistant	Full Year	5	4	11-12
Medical Terminology	1	3	3	11-12

NOTE: Electives will not meet minimum graduation requirements.

HPE GRADUATION REQUIREMENT

4 Semesters are required.

Students must successfully complete:

Healthy Living - 1 Semester

Any HPE Foundations or Advanced PE Course - 3 Semesters

HPE FOUNDATIONS

HEALTHY LIVING. First or Second Semester

Course No. 1765

TOTAL IN-CLASS TIME: 4 mods. CREDITS: 4. GROUP: 3.

EACH STUDENT WILL:

1. Develop an understanding of the role nutrition plays in living a healthy life.
2. Analyze factors that influence mental health and well-being.
3. Evaluate information and apply in a personal way to improve overall health and well-being.
4. Examine and identify the components of human sexuality and reproduction.

NOTE: This course is required for graduation from Westside High School.

PREREQUISITE: None.

OPEN TO: 9-12

SPORTS SKILLS 1. First or Second Semester**Course No. 1782**

TOTAL IN-CLASS TIME: 5 mods. CREDITS: 3. GROUP: 2.

EACH STUDENT WILL:

1. Participate in activities associated with recreational and fitness sports.
2. Gain an understanding of the rules of selected team sports.
3. Provide peer evaluation for participation in sports.
4. Develop an understanding of the preparation necessary to participate in team sports.
5. Possible activities include: baseball/softball, flag football, basketball, soccer, ultimate frisbee, badminton, tennis, volleyball.

NOTE: Students cannot opt out of Sports Skills 1 if they wish to take Sports Skills 2.

PREREQUISITE: None.

OPEN TO: 9-12

STRENGTH & CONDITIONING 1. First or Second Semester**Course No. 1783**

TOTAL IN-CLASS TIME: 5 mods. CREDITS: 3. GROUP: 2.

EACH STUDENT WILL:

1. Participate in strength and conditioning activities that encourage positive musculoskeletal adaptation, power development and improved endurance capacity.
2. Gain an understanding of muscle training and development.
3. Gain an understanding of program design and the different variables involved in creating an appropriate strength and endurance training program.

Note: Students cannot opt out of Strength & Conditioning 1 if they wish to take Strength & Conditioning 2.

PREREQUISITE: None.

OPEN TO: 9-12

SPORTS PERFORMANCE 1 First or Second Semester**Course No. 1733 (F)**

TOTAL IN-CLASS TIME 5.5 mods. Credits: 3. Group 2

Course No. 1743 (M)

OPEN TO: 10th graders

SPORTS PERFORMANCE 2 First or Second Semester**Course No. 1734 (F)**

TOTAL IN-CLASS TIME 5.5 mods. Credits: 3. Group 2

Course No. 1744 (M)

OPEN TO: 11th graders

SPORTS PERFORMANCE 3 First or Second Semester**Course No. 1735 (F)**

TOTAL IN-CLASS TIME 5.5 mods. Credits: 3. Group 2

Course No. 1744 (M)

OPEN TO: 12th graders

Student-athletes who are involved in a current NSAA sanctioned sport offered through Westside High School may take this class in order to improve their strength, agility, flexibility, and mental performance for their particular sport(s). Registration is limited with the following criteria being used to determine entrance to the class:

1. Seniors who are multi-sport athletes
2. Juniors who are multi-sport athletes
3. Sophomores who are multi-sport athletes
4. Other athletes if space is available, as determined by coaching staff

NOTE: This class is open to Westside High School student-athletes ONLY

PREREQUISITE: Strength and Conditioning 1 or Instructor permission. Must participate in a Westside High School sport, sanctioned through the Nebraska School Activities Association.

OPEN TO: 10-12

SWIMMING 1. First or Second Semester**Course No. 1771**

TOTAL IN-CLASS TIME: 4 mods. CREDITS: 3. GROUP: 2.

EACH STUDENT WILL:

1. Participate in aquatic activities designed for beginning swimmers or non-swimmers including basic drown proofing techniques, elementary swimming strokes, stationary survival skills and fitness.
2. Participate in water recreation games and activities.

PREREQUISITE: None.

OPEN TO: 9-12

SWIMMING 2. First or Second Semester**Course No. 1772**

TOTAL IN-CLASS TIME: 4 mods. CREDITS: 3. GROUP: 2.

EACH STUDENT WILL:

1. Demonstrate competence using deep water survival swimming and stationary skills.
2. Develop greater competency in basic strokes.
3. Participate in a variety of water fitness activities.
4. Participate in water recreation games and activities.

PREREQUISITE: Must be able to swim continuously for 10 minutes using freestyle, breaststroke or backstroke
Able to tread water for 1 minute, able to perform basic strokes such as breaststroke, freestyle and backstroke without instruction.

OPEN TO: 9-12

SWIMMING 3. First or Second Semester**Course No. 1773**

TOTAL IN-CLASS TIME: 4 mods. CREDITS: 3. GROUP: 2.

EACH STUDENT WILL:

1. Demonstrate competence in at least six swimming strokes.
2. Participate in advanced water aerobic fitness and peer mentoring activities.
3. Participate in advanced water recreation games and activities.

PREREQUISITE: Must be able to swim continuously for 20 minutes without stopping using freestyle, regular backstroke, elementary backstroke, breaststroke and sidestroke. Able to tread water for 2 minutes.

OPEN TO: 9-12

ADVANCED PHYSICAL EDUCATION**STRENGTH & CONDITIONING 2. First or Second Semester****Course No. 1784**

TOTAL IN-CLASS TIME: 5.5 mods. CREDITS: 3. GROUP: 2.

EACH STUDENT WILL:

1. Participate in strength and conditioning activities that encourage positive musculoskeletal adaptation, power development and improved endurance capacity.
2. Gain an understanding of advanced training principles.
3. Analyze training goals and create a program to achieve those goals.
4. Participate in and critique Olympic lifting through digital technologies and video assessments.

PREREQUISITE: Strength and Conditioning 1 or Instructor Permission.

OPEN TO: 10-12

CROSS TRAINING & AEROBICS. First or Second Semester**Course No. 1785**

TOTAL IN-CLASS TIME: 5.5 mods. CREDITS: 3. GROUP: 2.

EACH STUDENT WILL:

1. Participate in alternative strength training exercises to improve muscular strength and endurance.
2. Participate in a wide variety of aerobic and anaerobic exercise to improve overall cardiovascular fitness levels.
3. Examine and analyze the principles of exercise to determine the best workout for their individual needs.
4. Evaluate trends/fads in the fitness industry to determine effectiveness and safety.

PREREQUISITE: Strength and Conditioning 1, Sports Skills 1, or Swimming 1, 2 or 3.

OPEN TO: 10-12

SPORTS SKILLS 2. First or Second Semester**Course No. 1792**

TOTAL IN-CLASS TIME: 5 mods. CREDITS: 3. GROUP: 2

EACH STUDENT WILL:

1. Participate in various team and individual sports.
2. Increase the understanding of the game, including offense and defense strategy.
3. Design and implement offensive plays.
4. Demonstrate an understanding of basic principles of refereeing the games.

PREREQUISITE: Successful completion of Sports Skills 1 with a C or higher.

OPEN TO: 11-12

LIFETIME FITNESS. First or Second Semester**Course No. 1787**

TOTAL IN-CLASS TIME: 4 mods. CREDITS: 3. GROUP: 2.

EACH STUDENT WILL:

1. Participate in activities associated with lifelong fitness.
2. Gain an understanding of nutritional components.
3. Gain an understanding of sources of injury and prevention.
4. Create a personal profile regarding exercise and nutritional analysis.
5. Participate in extended aerobic training exercises.

NOTE: Class may include the pool and field trips.

PREREQUISITE: Anyone of the following: Sports Skills, Strength and Conditioning 1, Swimming 1, 2 or 3 or Cross Training/Aerobics.

OPEN TO: 11-12

LIFEGUARD TRAINING & WATER SAFETY INSTRUCTION AIDE.**Course No. 1786**

First or Second Semester

TOTAL IN-CLASS TIME: 6 mods. CREDITS: 4. GROUP: 3.

EACH STUDENT WILL:

1. Identify the common hazards associated with swimming pools and how to eliminate or minimize such hazards.
2. Engage in activities designed for improving personal and group rescue skills.
3. Participate in activities designed to identify the common characteristics of distress and/or potential drowning victims, and to implement appropriate rescue techniques during simulated practice sessions.
4. Examine basic swimming pool operations including: mechanical systems, water chemistry, workplace environments and appropriate people management techniques.
5. Integrate learning theory concepts into the 7 level ARC instructional program.
6. Design lesson plans utilizing appropriate teaching progressions for teaching the 7 level ARC instructional program to students in the Swimming 1, 2 and 3 courses.
7. Accurately apply the laws of physics to analyze swimming skills and to subsequently prescribe appropriate error corrections.
8. Practice teaching each of the 7 levels of the ARC swimming instructional program.

COURSE EXPENSES: \$36 for certification materials.

NOTE 1: American Red Cross Certificates will be awarded for successful completion of this course.

NOTE 2: Class size is limited to a maximum of 10 students per semester.

PREREQUISITE: Age 15 or older, Swimming 3 with a grade of B or better and/or Instructor Permission.

Mastery of all strokes and skills, swim a 300 continuously, and retrieve a 10 lb brick from 10 ft. or deeper.

OPEN TO: 10-12

HPE ELECTIVES

INTRODUCTION TO HEALTH SCIENCES. First Semester

Course No. 1766

TOTAL IN-CLASS TIME: 5 mods. CREDITS: 4. GROUP: 3.

EACH STUDENT WILL:

1. Identify, describe and demonstrate a basic understanding of today's health care systems in relation to career pathways.
2. Understand and integrate basic causes of diseases and concepts of biological sciences medical data and references.
3. Recognize and model techniques to prevent and address injury, illness and/or other hazards.
4. Explore health science careers and job seeking strategies.
5. Develop an understanding of self and others to function effectively within a team.
6. Define and demonstrate the fundamentals of wellness and the prevention of diseases.
7. Demonstrate competence in First Aid for injuries of the integumentary, muscular and skeletal systems.

NOTE: This course is a dual credit course through Metro Community College. Students have the option to register and pay for credit with Metro Community College at the current rate per credit hour plus any unrelated fees to earn college credit while attending Westside High School.

PREREQUISITE: Grade of C in Biology (H) or B in Biology.

OPEN TO: 10-12

ADVANCED HEALTH SCIENCES. Second Semester

Course No. 1767

TOTAL IN-CLASS TIME: 5 mods. CREDITS: 4. GROUP: 3.

EACH STUDENT WILL:

1. Define, demonstrate and evaluate appropriate verbal and nonverbal communication.
2. Demonstrate competence in basic human anatomy and physiology.
3. Understand and apply proactive health care concepts related to nutrition management, cardiovascular disease, human growth, aging, global issues and cultural diversity.
4. Understand and apply a basic knowledge of laws and ethics relevant to health care professionals.
5. Recognize and model techniques to prevent and address injury, illness and/or hazards in the workplace.
6. Demonstrate competence in First Aid and CPR and the use of an Automated External Defibrillator (AED).
7. Describe, demonstrate and discuss the appropriate use of technologies in health care applications.

PREREQUISITE: Introduction to Health Sciences, Physiology strongly recommended.

OPEN TO: 11-12

NOTE: Sophomores may enroll with instructor permission. Students may receive dual-enrollment credit through Metropolitan Community College for successful completion of BOTH Introduction to Health Sciences and Advanced Health Sciences. They will receive 5.5 quarter credits (4.5 for HLTH 1015 - Foundations of Health Careers) and 1 quarter credit for EMPS 1000 (Cardiopulmonary Resuscitation for Healthcare Providers; AKA BLS). Students are responsible for all MCC tuition and fees.

SPORTS MEDICINE. Second Semester

Course No. 1799

TOTAL IN-CLASS TIME: 5 mods. CREDITS: 4. GROUP: 4.

EACH STUDENT WILL:

1. Demonstrate a working knowledge of human anatomy.
2. Analyze injury mechanisms, diagnostic assessments and therapeutic modalities.
3. Examine the musculoskeletal injuries in the upper and lower body.
4. Discuss and analyze visceral and other soft tissue injuries.
5. Evaluate the use of preventative strategies and protective equipment to reduce injury incidence.
6. Analyze other health conditions related to sports participation.

PREREQUISITE: Successful completion of Biology or Honors Biology. Physiology is strongly recommended.

OPEN TO: 10-12

MEDICAL TERMINOLOGY 1 AND 2

Course No. 1722

(Fall and Spring quarters, Metropolitin Community College)

HIMS 1120 MEDICAL TERMINOLOGY I (4.5 quarter credits, Fall quarter)

HIMS 1130 MEDICAL TERMINOLOGY II (4.5 quarter credits, Spring quarter)

TOTAL IN-CLASS TIME: 1 mod CREDITS: 3 GROUP: 3

MEDICAL TERMINOLOGY 1

This course establishes a solid foundation of prefixes, suffixes, word roots, abbreviations, medical terms and symbols. It emphasizes understanding the medical vocabulary as it applies to the anatomy, physiology, pathology, diagnostic procedures, and therapeutic procedures of the human body. Students participate in an in-depth study of the terms, as well as correct spelling and pronunciation to be prepared to enter their professions in the healthcare field.

PREREQUISITE: Introduction to Health Science

OPEN TO: 11-12

MEDICAL TERMINOLOGY II

This course is a continuation of HIMS 1120. It presents additional body systems, specialty medical areas, clinical procedures, laboratory tests, medical terms and abbreviations. Students study practical applications with case reports, operative and diagnostic tests, and laboratory and x-ray reports. The course also emphasizes correct spelling and pronunciation.

PREREQUISITE: Introduction to Health Science

OPEN TO: 11-12

These courses are offered online through a joint program with Westside High School and Metropolitan Community College. Students will be given a discounted rate for the MCC tuition rate. Students are responsible for tuition, books and fees for the course. **THIS COURSE FOLLOWS THE METROPOLITAN COMMUNITY COLLEGE CALENDAR, NOT THE WESTSIDE COMMUNITY SCHOOLS CALENDAR. Students will be in class when Westside High School is not in session. Students will meet one mod per week with a Westside teacher assigned to the course for assistance and support. MCC instructors will be in charge of the course. All MCC grading and student policies will be followed.

PUBLIC HEALTH YOUTH ADVOCACY CERTIFICATE (ONLINE-MCC)

Course No. 1723

TOTAL IN-CLASS TIME: 1 mod CREDITS: 3 GROUP: 3

This is a one-year certification program for students wishing to pursue a career in Public Health/Healthcare. It is two semesters long. **The first semester, students will have to complete 20 clock hours of non-credit seminar through Metropolitan Community College.** The seminar will require off-campus travel. Upon completion, they will enroll in Health 1510, Foundations of Public Health for the Winter Quarter. Then they will enroll in Health 1520, Prevention in Community Health. They will receive a total of 9.0 quarter credits from MCC and a certificate of completion. Students will be required to pay tuition, books and fees as determined by Metropolitan Community College.

HLTH 1520 Prevention in Community Health (4.5 QUARTER CREDITS) Offered: Spring Quarter
COURSE DESCRIPTION:

This course introduces and applies the principles of public health and study design needed to support population-based and community-health assessment and evaluation. It focuses on how individuals and groups approach issues of health behavior, health communication, and health promotion. Basic and more advanced methods are covered as appropriate, with applications to public health and community contexts.

PREREQUISITE: Introduction to Health Science

OPEN TO: 11-12

These courses are offered online through a joint program with Westside High School and Metropolitan Community College. Students will be given a discounted rate for the MCC tuition rate. Students are responsible for tuition, books and fees for the course. **THIS COURSE FOLLOWS THE METROPOLITAN COMMUNITY COLLEGE CALENDAR, NOT THE WESTSIDE COMMUNITY SCHOOLS CALENDAR. Students will be in class when Westside High School is not in session. Students will meet one mod per week with a Westside teacher assigned to the course for assistance and support. MCC instructors will be in charge of the course. All MCC grading and student policies will be followed.

CERTIFIED NURSING ASSISTANT. Second Semester**Course No. 1720**

TOTAL IN-CLASS TIME: 5 mods. CREDITS: 5. GROUP: 4.

This hybrid online program through Nebraska Methodist College emphasizes care for all types of patients. The content of the CNA course follows the guidelines set forth by the State of Nebraska with specific learning objectives outlined for each unit of study. At the end of the program a State Registry written and skills examination is given as part of the course. Students who enroll in this class agree to attend class according to the Nebraska Methodist College school calendar, pay the current tuition rate and provide his or her own transportation to the college campus.

EACH STUDENT WILL:

1. Know the academic subject matter required for proficiency within their area.
2. Know the various methods of giving and obtaining information.
3. Communicate effectively in both an oral and written format.
4. Demonstrate key employability skills and will maintain and upgrade skills.
5. Understand the legal and ethical responsibilities, limitations, and implications of their actions within the health care delivery setting.
6. Perform duties according to regulations, policies, law and legislated rights of clients.
7. Understand the existing and potential hazards to clients, coworkers, and self.

NOTE 1: This is a credential program through the state of Nebraska. Students may apply the credential to college credit with Metropolitan Community College.

PREREQUISITE: Must be a minimum of 16 years of age and able to lift 50 pounds.

OPEN TO: 11-12

MEDICAL TERMINOLOGY. First Semester**Course No. 1715**

TOTAL IN-CLASS TIME: 1 Mod. HIGH SCHOOL CREDITS: 3. COLLEGE CREDIT: 1. GROUP 3.

This online course through Nebraska Methodist College will introduce students to terminology used in the health care professions. The origins of medical terms will be studied with an emphasis placed on understanding the suffixes, prefixes, combining forms and root words used in health care terminology. The student is acquainted with the correct spelling of medical words, the meaning of medical abbreviations and the efficient use of a medical dictionary. This is a dual enrollment course with Nebraska Methodist College. Students who enroll in this class agree to attend class according to NMC's school calendar and to pay the current tuition rate (see note below). Students must also provide his or her own transportation to the college campus for one on-site class to introduce course requirements.

EACH STUDENT WILL:

1. Define medical terms using medical Greek or Latin word roots, prefixes, or suffixes.
2. Interpret and apply medical abbreviations.
3. Define anatomical terms in context using a variety of medical resources.
4. Identify, articulate, interpret, and accurately spell medical terms related to the anatomy and physiology of body systems.
5. Understand medical terms related to pathology, surgical, and diagnostic procedures.

NOTE 2: There will be one after school class meeting to introduce the course, make payment as needed, and tour the campus from 3:30-5:30 p.m.

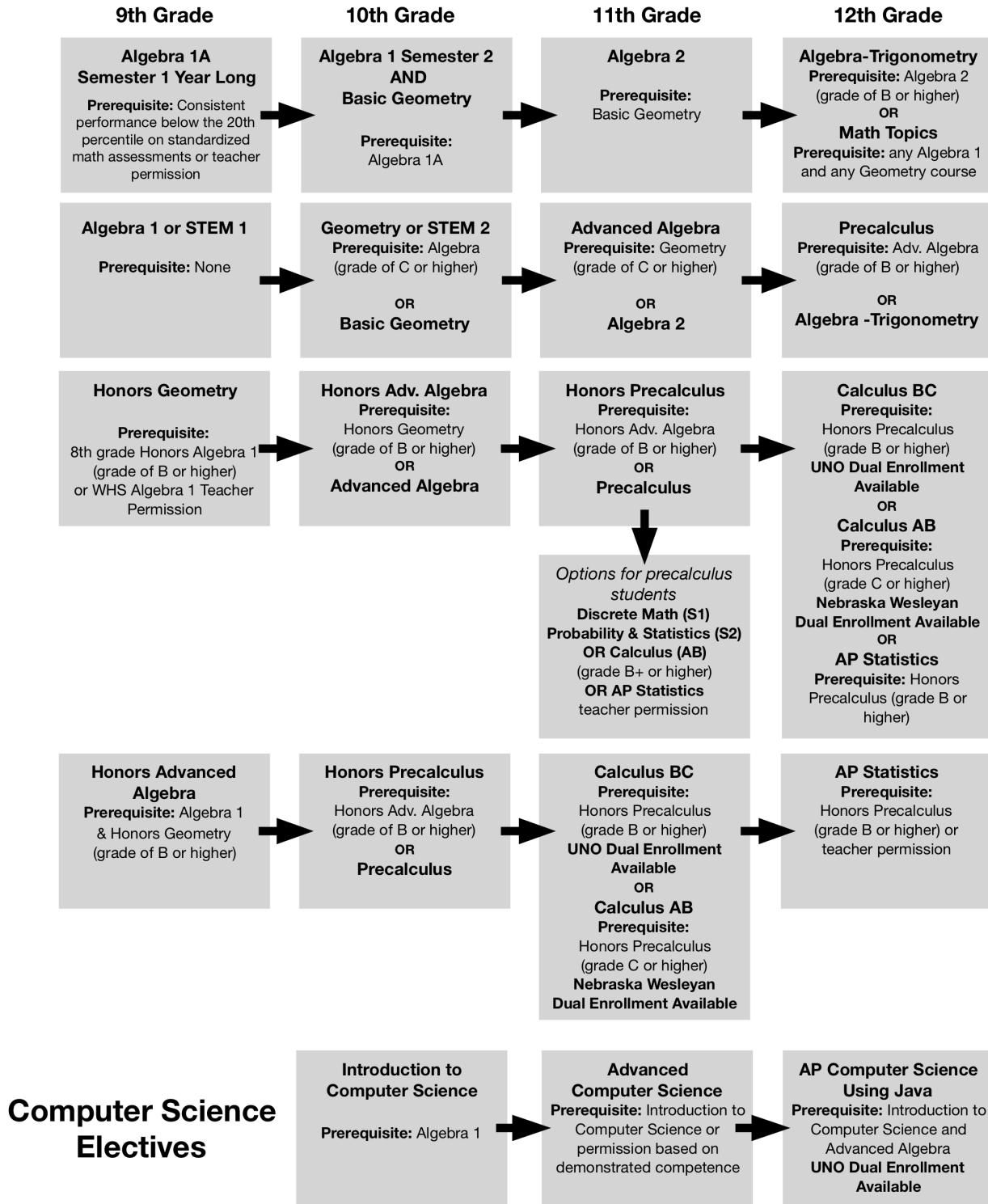
PREREQUISITE: Previous or concurrent enrollment in a Health Sciences Course.

OPEN TO: 11-12 (9-10 with program director permission.)

Westside High School's Math Program

The starting course in the high school mathematics program is an Algebra 1 course. Depending on the student's previous math courses, it is possible for some ninth grade students to start in Honors Geometry or Honors Advanced Algebra. Your course placement will be recommended by your first semester math teacher and based on your first semester grade. Math teachers will review course selections at the end of second semester and make adjustments depending on the student's second semester grade, if necessary.

If there are any questions regarding your course selection, please speak with your current math teacher.



MATHEMATICS AND COMPUTER SCIENCE

Course	Semester	Credit	Group	Open To
Advanced Algebra	Full Year	5	3	9-10-11-12
Advanced Algebra (H)	Full Year	5	4	9-10-11-12
Algebra and Trigonometry	Full Year	5	3	11-12
Algebra I	Full Year	5	3	9-10-11-12
Algebra I (Semester 1)	Full Year	3	2	9-10-11-12
Algebra II	Full Year	5	3	11-12
AP Calculus, AB	Full Year	5	5	10-11-12
AP Calculus, BC	Full Year	5	5	10-11-12
Discrete Mathematics	1	5	4	12
Geometry, Basic	Full Year	5	2	10-11-12
Geometry	Full Year	5	3	9-10-11-12
Geometry (H)	Full Year	5	4	9-10-11-12
Precalculus	Full Year	5	4	10-11-12
Precalculus (H)	Full Year	5	5	10-11-12
Probability and Statistics	2	5	4	12
Statistics AP	Full Year	5	5	10-11-12
STEM 1	Full Year	12	3	9
STEM 2	Full Year	10	3	10
Topics in Math	Full Year	5	2	11-12
Computer Science Courses				
Intro to Computer Science	Full Year	5	3	9-10-11-12
Advanced Computer Science	Full Year	5	4	9-10-11
Computer Science AP (Using Java)	Full Year	5	5	10-11-12

ADVANCED ALGEBRA. Full Year

Course No. 1637 & 1638

TOTAL IN-CLASS TIME: 5 mods. CREDITS: 5. GROUP: 3.

EACH STUDENT WILL:

1. Build on Algebra 1 skills - including linear equations, systems of equations, quadratic equations, elementary statistics and probability, functions, etc.
2. Learn Advanced Algebra skills and concepts
3. Solve and graph polynomial and functions.
4. Solve and graph logarithmic and exponential functions.
5. Solve and graph rational functions
6. Use deductive reasoning and mathematical modeling in problem solving.
7. Use equations to describe various real world geometric situations.

NOTE: Advanced Algebra is a second year of algebra designed for the college bound student.

PREREQUISITE: Algebra I and Geometry (grade of C or higher).

OPEN TO: 9-12

ADVANCED ALGEBRA (H). Full Year**Course No. 1629 & 1639**

TOTAL IN-CLASS TIME: 5.5 mods. CREDITS: 5. GROUP: 4.

EACH STUDENT WILL:

1. Build on Algebra 1 skills - including linear equations, systems of equations, quadratic equations, elementary statistics and probability, functions, trigonometric functions, etc.
2. Learn Advanced Algebra skills and concepts
3. Solve and graph polynomial and functions.
4. Solve and graph logarithmic and exponential functions.
5. Solve and graph rational functions
6. Study and graph conic sections
7. Solve and graph trigonometric functions
8. Use equations to describe various real world geometric situations.

NOTE: This course is a second year of algebra designed for those students with a strong foundation in Algebra 1 and have a special interest and ability in mathematics.

PREREQUISITE: Algebra 1 and Geometry Honors (grade of B or higher).

OPEN TO: 9-12

ALGEBRA AND TRIGONOMETRY. Full Year**Course No. 1648**

TOTAL IN-CLASS TIME: 5 mods. CREDITS: 5. GROUP: 3.

EACH STUDENT WILL:

1. Review and strengthen fundamental algebraic skills, including solving equations & inequalities.
2. Refine skills in graphing functions and equations.
3. Model real world problems using a variety of functions.
4. Demonstrate ability to use trigonometry functions, their relationships, and graphs.
5. Analyze and solve applications with models that involve trigonometric functions.

NOTE: This course is primarily for individuals who have experienced difficulty in previous math courses, but need additional mathematics for future plans. Successful completion of this course will prepare the student for a College Algebra or Precalculus course.

PREREQUISITE: Advanced Algebra (grade no higher than a C), B and higher students should enroll in Precalculus. Algebra II (grade of B or higher or teacher permission).

OPEN TO: 11-12

ALGEBRA I. Full Year**Course. No. 1605 & 1606**

TOTAL IN-CLASS TIME: 5 mods. CREDITS: 5. GROUP: 3.

EACH STUDENT WILL:

1. Strengthen basic arithmetic and pre-algebra skills.
2. Develop a conceptual understanding of the different uses of the variable.
3. Learn how to simplify algebraic expressions including operations with polynomials.
4. Learn how to solve multi-step equations and inequalities, including systems.
5. Identify, graph, and transform linear/quadratic functions.
6. Solve linear and quadratic equations.
7. Model and solve problems using tables, graphs, equations, and inequalities.
8. Represent and analyze data.
9. Learn basic skills of probability.

PREREQUISITE: None.

OPEN TO: 9-12

ALGEBRA I. (Semester 1). Full Year**Course No. 1604**

TOTAL IN-CLASS TIME: 5 mods. CREDITS: 3. GROUP: 2.

This Algebra 1 course is intended for students consistently and historically scoring below the 20th percentile on standardized math assessments (such as NWEA MAP). The full year course Algebra semester 1 course includes all standards covered in the first semester of Algebra 1 (Course 1605).

NOTE: Students that successfully complete Algebra 1 (Semester 1), Full Year (Course 1604) must register for Algebra 1 (Semester 2) in the fall semester (Course 1606). This will be taken in addition to Basic Geometry.

PREREQUISITE: Consistent NWEA MAP scores below the 20th percentile and math teacher recommendation

OPEN TO: 9-12

ALGEBRA II. Full Year**Course No. 1635 & 1636**

TOTAL IN-CLASS TIME: 5 mods. CREDITS: 5. GROUP: 3.

EACH STUDENT WILL:

1. Build on Algebra 1 skills - including operations with real numbers, linear equations, systems of equations, quadratic equations, elementary statistics and probability, functions, etc.
2. Learn Algebra II skills and concepts
3. Recognize, identify transformations, and graph a variety of functions.
4. Recognize imaginary numbers and perform operations on imaginary numbers.
5. Perform operations on matrices and use matrices to solve systems of equations.
6. Perform operations on polynomial functions.
7. Solve and graph polynomial functions
8. Use deductive reasoning and mathematical modeling in problem solving.
9. Use equations to describe various real world geometric situations.

NOTE: Algebra II is a second year of algebra designed for students who have previously experienced difficulty in mathematics.

PREREQUISITE: Algebra 1 and Basic Geometry or Geometry students with a grade no higher than a D+.

OPEN TO: 11-12

AP CALCULUS AB (with Analytic Geometry). Full Year**Course No. 1669**

TOTAL IN-CLASS TIME: 5.5 mods. CREDITS: 5. GROUP: 5.

EACH STUDENT WILL:

1. Understand the concept of limits and how they pertain to the major areas of Differentiation and Integration.
2. Understand the concept of Derivative, the Rules of Differentiation of Polynomial, Trigonometric, and Transcendental functions, and applications of the Derivative.
3. Understand the concept of Integral, Area under a curve, the techniques of Integration, and Applications.
4. Use the graphing calculator to enhance the learning of calculus.

NOTE: This course is designed for those who have a strong math background. It can be taken for Dual Enrollment credit through Nebraska Wesleyan University. Students will be expected to take the AP Calculus AB exam in the Spring. Successfully completing this course and passing the AP exam could lead to one semester of college math credit.

PREREQUISITE: Precalculus (grade of B+ or better or teacher permission) or Honors Precalculus (grade of C or better or teacher permission.)

OPEN TO: 10-12

AP CALCULUS BC (with Analytic Geometry). Full Year**Course No. 1670**

TOTAL IN-CLASS TIME: 5.5 mods. CREDITS: 5. GROUP: 5.

EACH STUDENT WILL:

1. Understand the concept of limits and how they pertain to the major areas of Differentiation and Integration.
2. Understand the concept of Derivative, the Rules of Differentiation of Polynomial, Trigonometric, and Transcendental functions and applications of the Derivative.
3. Understand the concept of Integral, Area under a curve, the techniques of Integration, and Applications.
4. Use the graphing calculator to enhance the learning of calculus.
5. Apply techniques of derivation and integration to vectors, parametric functions, and series.

NOTE: This course is designed for those who have a strong math background. It can be taken for Dual Enrollment credit through the University of Nebraska - Omaha. Students will be expected to take the AP Calculus exam in the Spring semester. Successfully completing this course and passing the AP exam could lead to two semesters of college math credit.

PREREQUISITE: Honors Precalculus (grade of B or better) or Precalculus with teacher permission.

OPEN TO: 10-12

DISCRETE MATHEMATICS. First Semester.**Course No. 1660**

TOTAL IN-CLASS TIME: 5 mods. CREDITS: 5. GROUP: 4.

EACH STUDENT WILL:

1. Understand the basic concepts of derivatives and integrals from Calculus.
2. Apply the concepts of linear regression to make predictions for a variety of problem situations.
3. Utilize logic symbols and quantified statements to determine the validity of an argument as well as problem solve through the use of puzzles.
4. Understand the advantages and disadvantages of a variety of voting techniques.
5. Use graph theory to model projects, determine routes and resolve conflicts.
6. Apply counting principles (permutations, combinations, Binomial Theorem) to a variety of problem situations.

NOTE: This course is recommended for those interested in pursuing careers that will involve mathematics and/or computer science. A good follow-up course for second semester would be Probability & Statistics.

PREREQUISITE: Precalculus.

OPEN TO: 12

GEOMETRY, BASIC. Full Year**Course No. 1613 & 1614**

TOTAL IN-CLASS TIME: 5 mods. CREDITS: 5. GROUP: 2.

EACH STUDENT WILL:

1. Learn the basic skills and concepts of geometry.
2. Apply properties of geometric figures and trigonometry to solve problems.
3. Show how geometry is used in a variety of authentic learning experiences.
4. Apply inductive and deductive reasoning skills to arrive at valid conclusions.

NOTE: This course is designed for students who have previously experienced difficulty in mathematics. This course may not satisfy the college requirement of one year of Geometry.

PREREQUISITE: A grade no higher than a D+ in Algebra I (Course 1605 & 1606) or successful completion of Algebra I, Semester 1, Full Year (Course 1604). Students from the Algebra I, Semester 1, Full year course, will take Basic Geometry concurrently with Algebra I, Semester 2 (Course 1606) in the fall.

OPEN TO: 10-12

GEOMETRY. Full Year**Course No. 1615 (Sem. 1) & 1616 (Sem. 2)**

TOTAL IN-CLASS TIME: 5 mods. CREDITS: 5. GROUP: 3.

EACH STUDENT WILL:

1. Learn the vocabulary of geometry and use appropriate mathematical terms and symbols when solving problems.
2. Use inductive and deductive reasoning to create mathematical proofs.
3. Use properties of geometric figures including triangles, quadrilaterals, circles, and polygons to solve problems involving measures such as area and perimeter.
4. Apply properties of similar figures, ratios, and scale factors.
5. Learn and apply the trigonometric ratios of sine, cosine, and tangent.
6. Compute and apply measurements of three-dimensional geometric figures, including surface area and volume.

PREREQUISITE: Algebra I (grade of C or higher) or teacher permission.

OPEN TO: 9-12

GEOMETRY (H). Full Year**Course No. 1609 & 1619**

TOTAL IN-CLASS TIME: 5 mods. CREDITS: 5. GROUP: 4.

This course is for the student who has a special interest and ability in mathematics.

EACH STUDENT WILL:

1. Understand and properly use the language of geometry in a variety of contexts.
2. Deduce properties of and relationships between figures from given assumptions.
3. Classify figures in terms of congruence and similarity and apply these relationships.
4. Use an analytical geometry approach to solve problems and prove arguments.
5. Represent problem situations with geometric models and apply the deductive theory to prove theorems.
6. Represent problem with geometric models of 2 and 3 dimensions and apply properties of geometry to solve them.
7. Demonstrate skill in applying the concepts of right-triangle trigonometry.

PREREQUISITE: 8th grade Honors Algebra (grade of B or higher) or 9th grade Algebra 1 Teacher Permission.

OPEN TO: 9-12

PRECALCULUS. Full Year**Course No. 1649**

TOTAL IN-CLASS TIME: 5.5 mods. CREDITS: 5. GROUP: 4.

EACH STUDENT WILL:

1. Analyze properties of functions and model real world problems using a variety of functions (polynomial, rational, exponential, logarithmic, and trigonometric).
2. Solve equations and inequalities algebraically and graphically.
3. Transform the graphs of functions.
4. Use the problem-solving model to solve a variety of applications.
5. Communicate ideas using the vocabulary and language of mathematics.

NOTE: It is expected that students will complete daily assignments and devote time to receiving extra help from their teacher in the IMC when necessary.

PREREQUISITE: Advanced Algebra (grade B or higher) or Algebra-Trigonometry.

OPEN TO: 10-12

PRECALCULUS (H). Full Year**Course No. 1650**

TOTAL IN-CLASS TIME: 5.5 mods. CREDITS: 5. GROUP: 5.

EACH STUDENT WILL:

1. Analyze properties of functions.
2. Model real world problems using a variety of functions, including trigonometric functions.
3. Be provided an adequate background for beginning college mathematics courses, including Calculus.
4. Use a graphing calculator extensively.
5. Use the problem-solving model to solve a variety of applications.

NOTE: The scope and depth of topics covered are more extensive than regular Precalculus. Daily assignments require about 45 minutes to complete. It is expected that students will devote time to receiving extra help from their teacher in the IMC when necessary.

PREREQUISITE: Honors Advanced Algebra (grade B or higher) or teacher permission.

OPEN TO: 10-12

PROBABILITY & STATISTICS. Second Semester**Course No. 1659**

TOTAL IN-CLASS TIME: 5 mods. CREDITS: 5. GROUP: 4.

EACH STUDENT WILL:

1. Represent and interpret data using histograms, frequency distributions, and stem-and-leaf plots.
2. Perform elementary statistical computations such as: mean, median, mode, standard deviation percentiles (and percentile rank), and standard scores.
3. Apply fundamental counting principles (including permutations and combinations) to various problem situations.
4. Apply basic probability rules to various problem situations. Model real world situations using the Binomial Distribution, Normal Distribution, Standard-Normal Distribution, and the Chi-Square Distribution.
5. Use a variety of hypothesis testing techniques to determine the validity of a given research hypothesis.
6. Use correlation and regression coefficients to determine the degree of relationship between two variables.

NOTE: This is the follow-up course to Discrete Mathematics.

PREREQUISITE: Precalculus.

OPEN TO: 12

AP STATISTICS. Full Year.**Course No. 1680**

TOTAL IN-CLASS TIME: 5 mods. CREDITS: 5. GROUP: 5.

This is a non-calculus based introductory college level statistics course. It is intended for any student who is interested in pursuing a career in any of the following areas: Business, Engineering, Medicine, or any of the Social and/or Political Sciences. Other undergraduate disciplines also encourage students to have a background in statistics. The typical student should possess an above average level of mathematical curiosity, maturity, reasoning ability, and perseverance. This course will provide opportunities for students to collect, analyze and interpret information.

EACH STUDENT WILL:

1. Explore data by describing patterns and departures from patterns.
2. Participate in sampling and experimentation by planning and conducting a study.
3. Anticipate patterns by exploring random phenomena using probability and simulation.
4. Make Statistical Inferences by estimating population parameters and testing hypotheses.

NOTE: Students are expected to take the AP Statistics Exam in the spring semester. Successful completion of the AP exam may result in the awarding of credit, advanced placement, or both for a one-semester introductory college statistics course. Dual enrollment is also offered.

PREREQUISITE: Precalculus Honors (grade B or higher) or teacher recommendation.

OPEN TO: 10-12 (or teacher permission)

STEM 1 . Full Year**Course No. 1815**

TOTAL IN-CLASS TIME: 11 mods. CREDITS: 12. GROUP: 3.

This course combines concepts of algebra, physics, and engineering to make real world connections through the use of hands-on activities and group projects. Through successful completion of this course, students will receive credit for Algebra I, Physics, and an engineering elective. Students must be willing to work in groups and independently.

NOTE: STEM 1 students must also take Earth & Space Science and Biology before graduating to fulfill the science graduation requirement.

EACH STUDENT WILL:

1. Develop an understanding of Algebra concepts such as variables, algebraic expressions, inequalities, data collection and analysis, and linear/quadratic functions.
2. Apply Algebra Concepts to develop an understanding of Physics concepts such as motion, force, momentum, and energy.
3. Apply mathematical and physics concepts and skills through hands-on engineering activities and projects.
4. Identify the interconnected relationship between Algebra, Physics and Engineering concepts.
5. Practice critical thinking and problem solving skills to model and solve multistep problems.

PREREQUISITE: Students must be recommended for Algebra I and Biology or Honors Biology.

OPEN TO: 9 Only

STEM 2. Full Year**Course No. 1816**

TOTAL IN-CLASS TIME: 10 mods. CREDITS: 10. GROUP: 3.

This course supplements the content taught in Geometry with Principles of Engineering to provide student with a contextualized learning experience that enhances connections with traditional geometry concepts through hands-on activities and projects. Reference the Geometry course (in the Mathematics section) and the Principles of Engineering course (in the Engineering and Tech section) for a list of topics taught in STEM 2. Through successful completion of this course, students will receive credit for Geometry (5 credits) and Principles of Engineering (5 credits).

EACH STUDENT WILL:

1. Understand and apply geometric concepts in a variety of contexts.
2. Utilize inductive and deductive reasoning skills to arrive at valid conclusions.
3. Deduce properties and relationships between figures and concepts.
4. Demonstrate recreational and practical geometry capabilities that encompass the sciences and arts.
5. Acquire a working knowledge of programming concepts.
6. Explore robotics systems and platforms.
7. Apply principles of critical thinking, problem-solving, and decision-making as it relates to product design and development.

PREREQUISITE: Algebra I (grade of C or higher) or teacher permission.

OPEN TO: 10

TOPICS IN MATH. Full Year**Course No. 1624**

TOTAL IN-CLASS TIME: 5 mods. CREDITS: 5. GROUP: 2.

EACH STUDENT WILL:

1. Utilize algebra, geometry, probability and statistics concepts, and consumer math to understand and solve authentic problems..
2. Connect mathematics to other disciplines.
3. Develop logical thinking and apply concepts of reasoning to solve a variety of problems.
4. Understand and demonstrate how to effectively work as a team member in order to accomplish a task.
5. Demonstrate how to communicate information using mathematics.

PREREQUISITE: Algebra I and a Geometry course.

OPEN TO: 11-12

INTRO TO COMPUTER SCIENCE. Full Year**Course No. 1676**

TOTAL IN-CLASS TIME: 5 mods. CREDITS: 5. GROUP: 3.

EACH STUDENT WILL:

1. Study the basics of computer architecture and computing history, with a particular emphasis on their relationship to modern computer science concepts.
2. Acquire a working knowledge of the Python language by writing and debugging programs on the Macintosh laptop.
3. Encode and represent data digitally and interpret digital representations of multiple types of data.
4. Use structured programming when writing a Python program.
5. Use string manipulation, graphics and sound in programming.
6. Plan and design larger programs and justify design decisions in those programs.
7. Be assigned programs that require out of class time to complete.

NOTE: Students must have a grade of C or higher in the first semester of the course in order to continue onto the second semester of the course.

PREREQUISITE: Algebra I.

OPEN TO: 9-12

ADVANCED COMPUTER SCIENCE. Full Year.**Course No. 1689**

TOTAL IN-CLASS TIME: 5 mods. CREDITS: 5. GROUP: 4.

EACH STUDENT WILL:

1. Analyze problems and develop algorithms to solve those problems.
2. Select and apply data structures in computer science problems.
3. Design user interfaces that facilitate interaction between users and computers.
4. Plan, write, and document computer programs in Swift and/or other programming languages.
5. Recognize the impact of computer science on society, and identify ways in which computers and technology present both opportunities and challenges to modern society.

NOTE: This computer programming course is intended for students interested in furthering their understanding of computer science or for those who may be interested in a computer-related career. Some college programs that require a semester or more of computer science include engineering, architecture, business, math, and science-related fields. Students will be introduced to more complex computer science concepts and designs than are presented in Intro to Computer Science. It is recommended (but not required) that students take this course before enrolling in AP Computer Science.

PREREQUISITE: Intro to Computer Science or instructor permission.

OPEN TO: 9-11

COMPUTER SCIENCE AP (Using Java). Full Year**Course No. 1690**

TOTAL IN-CLASS TIME: 5 mods. CREDITS: 5. GROUP: 5.

EACH STUDENT WILL:

1. Design and implement computer-based solutions to problems in a variety of application areas.
2. Develop, select, and apply appropriate algorithms and data structures to solve problems.
3. Analyze and compare programs, algorithms, and data structures.
4. Apply object-oriented programming principles in the Java programming language.
5. Read and analyze large programs consisting of several classes and interacting objects. Students should be able to read and understand a description of the design and development process leading to such a program.
6. Identify the major hardware and software components of a computer system and their roles and interactions.
7. Recognize the ethical and social implications of computer use.

NOTE: Students are expected to take the AP Computer Science Exam in the spring semester. Successful completion of the AP exam may result in the awarding of credit, advanced placement, or both for up to two semesters of a college computer science course. Dual enrollment is also offered.

PREREQUISITE: Introduction to Computer Science and Advanced Algebra or currently enrolled in Advanced Algebra.

OPEN TO: 10-12

MEDIA AND JOURNALISM

Course	Semester	Credit	Group	Open to
Intro to Video and Web	1 or 2	3	3	9-10-11-12
Mass Communication	1 or 2	4	3	9-10-11
News Magazine (Lance)	Full Year	4	4	9-10-11-12
Sports Journalism	Full Year	4	4	9-10-11-12
Photojournalism	1 or 2	2	2	10-11
Publication Editing (H)	Full Year	1	5	10-12
Warrior Television	Full Year	4	4	9-10-11-12
Westside Wired	Full Year	4	4	9-10-11-12
Yearbook (Shield)	Full Year	4	4	9-10-11-12

INTRO TO VIDEO AND WEB. First or Second Semester

Course No. 1295

TOTAL IN-CLASS TIME: 4 mods. CREDITS: 3. GROUP: 3.

EACH STUDENT WILL:

1. Use video equipment and editing software to create video projects.
2. Learn the basics of how to post media onto a website.
3. Learn the basic elements of broadcast and online journalism.
4. Critically evaluate one another's work as well as professional work.
5. Demonstrate a positive work ethic by completing assignments on time.

PREREQUISITE: Mass Communication is highly encouraged.

OPEN TO: 9 (by recommendation only), 10-12 (all students)

MASS COMMUNICATION. First or Second Semester

Course No. 1265

TOTAL IN-CLASS TIME: 4 mods. CREDITS: 4. GROUP: 3.

EACH STUDENT WILL:

1. Study journalistic history and journalistic rights as they apply to all journalistic media.
2. Review and practice the basic elements of all Westside media: newspaper, yearbook, broadcast, magazine and online.
3. Demonstrate a positive work ethic by completing assignments on time.

NOTE: This class is a prerequisite for Newspaper, Yearbook, Magazine and TV.

PREREQUISITE: Ninth grade students must have an A average (or equivalent) in eighth grade English, permission of instructor, and strong recommendation from a WMS school counselor; grades 10-11 students must have an overall B average (3.0 GPA)

OPEN TO: 9-11

NEWS MAGAZINE (Lance). Full Year

Course No. 1259

TOTAL IN-CLASS TIME: 4 mods. CREDITS: 4. GROUP: 4.

This course is for writers, designers and photographers. Students will gain practical experience from duties accompanying publication of the monthly student newspaper, the Lance.

NOTE: Students may not be cross-sectioned out of the class.

PREREQUISITE: Completion of Mass Communication, Photojournalism, or Photo II class with a B average; or permission of the instructor.

OPEN TO: 9 (by recommendation only from WMS staff), 10-12 (all students)

PHOTOJOURNALISM. First or Second Semester OR Full Year**Course No. 1254**

TOTAL IN-CLASS TIME for First or Second Semester: 4 mods. CREDITS: 2 GROUP: 2

TOTAL IN-CLASS TIME for Full Year: 4 mods. CREDITS: 4. GROUP: 2.

EACH STUDENT WILL:

1. Learn and demonstrate an understanding of photography fundamentals.
2. Learn and demonstrate understanding of working with a team to complete photojournalistic assignments in the Shield yearbook class.
3. Demonstrate a positive work ethic by completing assignments on time.

NOTE: Camera equipment provided by the Journalism Department.

PREREQUISITE for First or Second Semester: Photo I or II with a B average.

OPEN TO: 10-11

PREREQUISITE for Full Year: Completion of Mass Communications or Intro to Video and Web with a C or above - OR instructor permission - OR 1 semester or more in another journalism production course.

OPEN TO: 9 (by recommendation) 10-12 (all students)

PUBLICATION EDITING HONORS. Full year**Course No. 1270**

TOTAL IN-CLASS TIME: 1 mod. CREDITS: 1. GROUP: 5.

Editors-in-Chief or Producers of the Lance, Shield, WTV, Westside Wired meet to discuss, organize, and assign content for the media convergence web page.

NOTE: This course is required of Editors-in-Chief or Producers.

OPEN TO: 10-12

WARRIOR TELEVISION. Full Year**Course No. 1293**

TOTAL IN-CLASS TIME: 4 mods. CREDITS: 4. GROUP: 4.

EACH STUDENT WILL:

1. Work as a member of a production crew.
2. Use video production equipment in advanced methods to edit class projects.
3. Critically evaluate one another's work.
4. Develop writing, reporting, and interviewing skills to develop productions for informational and/or feature activities about Westside Community Schools.
5. Develop writing and reporting skills for online news stories.
6. Demonstrate a positive work ethic by completing assignments on time.

PREREQUISITE: Intro to Video and Web.

OPEN TO: 9 (by recommendation only), 10-12 (All)

WESTSIDE WIRED. Full year**Course No. 1256**

TOTAL IN-CLASS TIME: 4 mods. CREDITS: 4. GROUP: 4.

EACH STUDENT WILL:

1. Work within a team concept to maintain the Westside media convergence web page - a page that provides daily news, in-depth stories, and interactive discussion via Lance PDF files, Shield updates, Xanadu updates, links to WTV stories, daily blogs and web exclusive stories.
2. Demonstrate leadership skills in assigned roles.
3. Demonstrate mastery of journalistic writing, photography, videography, desktop publishing and editing skills while producing materials for the site and maintaining the integrity of the site.

PREREQUISITE: Completion of Mass Communication, Photojournalism, or Photo II class with a B average; or permission of the instructor.

OPEN TO: 9 (by recommendation only), 10-12 (All)

YEARBOOK (The Shield). Full Year**Course No. 1269**

TOTAL IN-CLASS TIME: 4 mods. CREDITS: 4. GROUP: 4.

This course is for writers, designers and photographers. Students will gain practical experience from duties accompanying publication of the school yearbook, the Shield, and its supplement.

NOTE: Students may not be cross-sectioned out of the class.

PREREQUISITE: Completion of Mass Communication, Photojournalism, or Photo II class with a B average; or permission of the instructor.

OPEN TO: 9 (by recommendation only), 10-12 (all students)

SPORTS JOURNALISM. Full Year**Course No. 1253**

TOTAL IN-CLASS TIME: 4 mods. CREDITS: 4. GROUP: 4.

This course is for all student sports (new and beginning) journalists. Students will be required to cover all sports at Westside High School both during and after school. A significant amount of outside-of-school time is required.

PREREQUISITE: Completion of Mass Communications or Intro to Video and Web course with passing grade, one semester of any other journalism production course, or permission from the instructor.

OPEN TO: 9 (by recommendation only) 10-12 (all students)

PERFORMING ARTS

Course	Semester	Credit	Group	Open To
MUSIC - Instrumental				
Music Theory I	2	3	3	9-10-11-12
Music Theory AP	Full Year	3	5	10-11-12
Warrior Marching Band/Wind Ensemble	Full Year	4	3	9-10-11-12
Symphonic Band	Qtr 2/Sem 2	4	3	9-10-11-12
Concert Jazz Band	Full Year	2	4	9-10-11-12
Stage Band	Full Year	1	3	9-10-11-12
Orchestra	Full Year	2	3	9-10-11-12
Chamber Orchestra	Full Year	1	4	9-10-11-12
MUSIC - Vocal				
Freshman Choir	Full Year	3	1	9
Concert Choir	Full Year	3	2	10-11-12
Warrior Choir	Full Year	3	3	11-12
Warrior Choir (H)	Full Year	4	3	11-12
Women's Show Choir	Full Year	2	3	10-11-12
Warrior Express Show Choir	Full Year	2	3	9-10-11
Varsity Show Choir	Full Year	2	4	10-11-12
Choir-Accompaniment (Show Band)	Full Year	1	1	9-10-11-12
THEATER				
Theater 1	1	4	3	9-10-11-12
Theater 2	2	4	3	9-10-11-12
Theater 3	1	4	3	10-11-12
Theater 4	2	4	3	10-11-12
Theater 5	2	4	3	11-12
Devised Theater	1	3	3	10-12

MUSIC - Instrumental

MUSIC THEORY I. Second Semester

Course No. 1095

TOTAL IN-CLASS TIME: 3 mods. CREDITS: 3. GROUP: 3.

EACH STUDENT WILL:

1. Learn, by listening, to write rhythms, melodies, chords and intervals.
2. Practice writing all major and minor scales.
3. Compose original songs for piano, voice and other instruments.
4. Apply basic chord progressions.

PREREQUISITE: Some experience playing an instrument or singing and the ability to read music is required.

OPEN TO: 9-12

MUSIC THEORY AP. Full Year (Offered every other year, will be offered in 2020-21) Course No. 1090

TOTAL IN-CLASS TIME: 4 mods. CREDITS: 3. GROUP: 5.

AP Music Theory is a rigorous in-depth study of music that covers the concepts of first-year collegiate music theory. At completion, students are prepared to take both sections of the AP Music Theory Exam. The content of this course has been adapted from the Expanded Course Specifications on the AP Central website. AP Music theory integrates aspects of melody, harmony, texture, rhythm, form, musical analysis, elementary composition, and music history and style. Skills such as melodic and harmonic dictation, listening to and having a basic understanding of a wide variety of music styles, sight-singing skills, and keyboard harmony are also an important part of the course.

PREREQUISITE: Qualified students have an interest in music writing and at least 3 years of private instrumental music lessons, or 3 years of voice study. Previous piano instruction is helpful. Instructor approval is required for registration or a grade of "A" in Music Theory I.

OPEN TO: 10-12

**WARRIOR MARCHING BAND/WIND ENSEMBLE. Full Year
SYMPHONIC BAND. Quarter 2 + Second Semester**

Course No. 1077

Course No. 1076

TOTAL IN-CLASS TIME: 5 mods. CREDITS: 4. GROUP: 3.

EACH STUDENT WILL:

1. Attend ALL performances and rehearsals as scheduled for the year.
2. Attend all assigned, required Pep Band activities.
3. Attend a 5-10 day, 2-8 hour per day summer "Marching Band Camp" in June or July as scheduled for the year.
4. Attend a maximum of three 7:00 a.m. and one 6:30 p.m. to 8:30 p.m. rehearsals per week. These early rehearsals are an extension of our Mod 1 rehearsals and are not optional. These additional rehearsals and performances, which occur outside the regular school day, are mandatory. (Morning obligations will change after marching season is over. An early combined band 'encore' rehearsal is scheduled for the December and May concerts.)
5. Attend a required 40-minute/1 mod per week, small group lesson assigned during an unscheduled open mod. (During Marching Band season/Quarter 1: Wind players are assigned sectionals during the school day during open Mods. Color Guard, Drumline, Front Line sectionals are one night per week for two hours.)

NOTE: During the first quarter, the Warrior Marching Band will learn, perfect and present a "Halftime Show" at each home football game in addition to performing at several marching competitions. If a student is unable to march because of a physical condition or due to athletics, special arrangements will be made. At the conclusion of our home football games and marching performance obligations, students will participate in a Concert Band ensemble (Warrior Wind Ensemble or Symphonic Band) with Pep Band obligations for home basketball games for the remainder of the year (2nd Quarter and 2nd Semester).

COURSE EXPENSES: \$75.00 school district instrument usage fee for all students using a school owned instrument. This includes all percussion personnel.

PREREQUISITE: Successful completion of 8th grade or high school band experience (areas considered are; prior performance assessment results, past band rehearsal/performance attendance, work ethic in all band activities) or by audition.

OPEN TO: 9-12 grade students who meet the requirements of marching, music performance and attendance standards of the Marching Band.

CONCERT JAZZ BAND. Full Year**Course No. 1079**

TOTAL IN-CLASS TIME: 4 mods. CREDITS: 2. GROUP: 4.

EACH STUDENT WILL:

1. Attend all performances and rehearsals. [Performances include: December District Jazz Concert, 3-5 Contests/Festivals (January-April), Big Band Dance in April/May, local performances when asked.
2. Attend maximum of two 7 a.m. rehearsals per week after marching band season.
3. Attend a maximum of 3-4 after school/evening rehearsal retreats with clinicians.
4. Work on jazz concepts and solo performance within a big band setting.
5. First time CJB members will attend a summer jazz band camp upon selection to the ensemble provided by the WHS Jazz Department. (ex. UNO Jazz Band Camp)

COURSE EXPENSES: \$75.00 school district instrument usage fee for all students using a school owned instrument.

PREREQUISITE: By audition and/or Director approval. Wind and percussion students must be registered for Warrior/Symphonic/Freshman Band.

OPEN TO: 9-12 (9th graders may be considered based on an audition or when openings and/or talent dictates the need.)

STAGE BAND. Full Year**Course No. 1078**

TOTAL IN-CLASS TIME: 4 mods. CREDIT: 1. GROUP: 3.

A performance oriented course designed to develop skills used in the performance of jazz music within a big band setting.

EACH STUDENT WILL:

1. Attend all performances and rehearsals.
2. Attend one sectional per week after marching season.

COURSE EXPENSES: \$75.00 school district instrument usage fee for all students using a school owned instrument.

PREREQUISITE: By audition and/or Director approval. Wind and percussion students must be registered for Warrior or Symphonic Band.

OPEN TO: 9-12

ORCHESTRA. Full Year**Course No. 1088**

TOTAL IN-CLASS TIME: 4 mods. CREDITS: 2. GROUP: 3.

EACH STUDENT WILL:

1. Attend all performances.
2. Have the opportunity to perform solos and be part of a small group.
3. Wear prescribed performance attire as decided by group.
4. Participate in concerts within and outside of the school setting.

NOTE: Class meets 4 mods (3 large group & 1 small group), over 20 hours of "out of class time" as well.

PREREQUISITE: Approval by director.

OPEN TO: 9-12

CHAMBER ORCHESTRA. Full Year**Course No. 1089**

TOTAL IN-CLASS TIME: 2 mods. CREDIT: 1. GROUP: 4.

EACH STUDENT WILL:

Attend all performances.

1. Wear prescribed performance attire as decided by group.
2. Participate in concerts within and outside the school setting.
3. Study a diverse variety of chamber music.

PREREQUISITE: Must be a member of Orchestra. Approval by Director.

OPEN TO: 9-12

MUSIC - Vocal

FRESHMAN CHOIR. Full Year

Course No. 1051

TOTAL IN-CLASS TIME: 5 mods. CREDITS: 3. GROUP: 1.

EACH STUDENT WILL:

1. Develop skill in basic techniques of singing.
2. Develop skill in identifying and using musical notation and terminology.
3. Develop skill in four-part choral singing.
4. Rehearse, perform, understand, and write about the historical significance of choral music from representative cultures, styles, and periods.
5. Develop the skills necessary to become a productive ensemble member, and display appropriate concert behavior in order to perform.
6. Attend all performances when given two weeks notice.
7. Demonstrate ability to memorize music.

PREREQUISITE: Ability to match pitch.

OPEN TO: 9

CONCERT CHOIR. Full Year

Course No. 1061

TOTAL IN-CLASS TIME: 5 mods. CREDITS: 3. GROUP: 2.

EACH STUDENT WILL:

1. Further develop skill in sight singing and interpreting the choral music score.
2. Refine skills in singing four-part choral music.
3. Rehearse, perform, and understand the historical significance of choral music from representative cultures, styles and periods.
4. Continue to develop skill in the technique and art of singing.
5. Attend all performances when given two weeks notice.

PREREQUISITE: Ability to match pitch.

OPEN TO: 10-12

WARRIOR CHOIR. Full Year

Course No. 1055

TOTAL IN-CLASS TIME: 5 mods. CREDITS: 3. GROUP: 3.

EACH STUDENT WILL:

1. Develop skill in a capella singing.
2. Refine skills in sight singing and interpretation of choral music.
3. Rehearse, perform, and understand the historical significance of choral music from representative cultures, styles and periods.
4. Attend all performances when given two weeks notice.
5. Be responsible for independent practice and preparation of performance literature.
6. Juniors will be required to audition for All-State Chorus.

COURSE EXPENSES: Seniors may audition for All State. This is optional and the fee is \$20.

PREREQUISITE: Audition required.

OPEN TO: 11-12

WARRIOR CHOIR (H). Full Year

Course No. 1065

TOTAL IN-CLASS TIME: 6 mods. CREDITS: 4. GROUP: 3.

EACH STUDENT WILL:

1. Fulfill the requirements assigned to Warrior Choir.
2. Rehearse one additional scheduled mod per week for Westside Chamber Singers or Decibelles.
3. Perform a variety of a cappella choral music (classical, contemporary, madrigal, folk song, Broadway, jazz) throughout the year.

NOTE: Students selected for Warrior Choir will be allowed to audition for placement in the Westside Chamber Singers or Decibelles.

PREREQUISITE: Separate auditions required for Warrior Choir and Westside Chamber Singers.

OPEN TO: 11-12, a maximum of 16 singers for the mixed ensemble and 24 singers for the female ensemble.

WOMEN'S SHOW CHOIR. Full Year**Course No. 1056**

TOTAL IN-CLASS TIME: 4 mods. CREDITS: 2. GROUP: 3.

EACH STUDENT WILL:

1. Learn the basic techniques of performing choral music in the popular and jazz idioms.
2. Develop skill in executing movement when appropriate to the music being performed.
3. Develop stage presence.
4. Attend all performances when given two weeks notice.
5. Participate in rehearsals outside of class time as required by the director.
6. Demonstrate the ability to function as a productive ensemble member.

COURSE EXPENSES: Students will be supplied an outfit but must provide their own shoes & hosiery.

PREREQUISITE: Be registered for Concert Choir, or Warrior Choir, and be selected by director through an audition process held in March.

OPEN TO: 10-12

WARRIOR EXPRESS SHOW CHOIR. Full Year**Course No. 1057**

TOTAL IN-CLASS TIME: 3 mods. CREDITS: 2. GROUP: 3.

EACH STUDENT WILL:

1. Learn the basic techniques of performing choral music in the popular and jazz idioms.
2. Develop skill in executing movement when appropriate to the music being performed.
3. Develop stage presence.
4. Attend all performances when given two weeks notice.
5. Participate in rehearsals outside of class time as required by the director.
6. Demonstrate the ability to function as a productive ensemble member.

COURSE EXPENSES: Outfits will be supplied, however, students must provide their own shoes, hosiery and briefs.

PREREQUISITE: Be registered for Freshman Choir, Concert Choir or Warrior Choir, and be selected by the director through an audition process held in March.

OPEN TO: 9-11

VARSITY SHOW CHOIR. Full Year**Course No. 1059**

TOTAL IN-CLASS TIME: 4 mods. CREDITS: 2. GROUP: 4.

EACH STUDENT WILL:

1. Participate in rehearsals outside of scheduled class time as required by the director.
2. Refine skill in performance of vocal jazz, show choir music, and other choral literature appropriate to the small ensemble.
3. Develop skill in executing movements when appropriate to the choral literature being performed.
4. Develop stage presence and showmanship.
5. Attend all performances when given two weeks notice.
6. Attend the show choir retreat in August.
7. Demonstrate the ability to function as a productive ensemble member.

COURSE EXPENSES: Outfits will be supplied, however, students must provide their own shoes and hosiery.

PREREQUISITE: Be registered for Concert Choir or Warrior Choir and be selected by the director through an audition held in March.

OPEN TO: 10-12

CHOIR-ACCOMPANIMENT (SHOW-BAND). Full Year**Course No. 1058**

TOTAL IN-CLASS TIME: 1 mod. CREDIT: 1. GROUP: 1.

EACH STUDENT WILL:

1. Develop skill in playing in an accompaniment role for the show choir program.
2. Attend one rehearsal per week with the show choir.
3. Participate in the annual show choir retreat at the beginning of the school year.

COURSE EXPENSES: Students will provide their own concert black performance attire.

PREREQUISITE: Students will be selected through auditions held in May. Wind and percussion students must also be a member in good standing of the instrumental program.

OPEN TO: 9-12

THEATER

THEATER 1: FOUNDATIONS I. First Semester

Course No. 1245

TOTAL IN-CLASS TIME: 4 mods. CREDITS: 4. GROUP: 3.

This is an introduction to Theater course. This course is a prerequisite for Theater 2, 4, and 5.

EACH STUDENT WILL:

1. Actively participate in an activity-based workshop environment.
2. Study the historical and social contexts of theater.
3. Demonstrate an understanding of basic vocal and movement characteristics in informal and formal performances.
4. Study monologue and soliloquy, including emotion, projection, and levels.
5. Study character motivation, including the use of goals, obstacles, and tactics.
6. Demonstrate a basic understanding of roles and responsibilities of the theater.
7. Read and evaluate play scripts.
8. Watch and evaluate live theater productions.

PREREQUISITE: None.

OPEN TO: 9-12

THEATER 2: FOUNDATIONS II. Second Semester

Course No. 1246

TOTAL IN-CLASS TIME: 4 mods. CREDITS: 4. GROUP: 3.

This is a basic acting course. This course is a prerequisite for Theater 3-Advanced Acting.

EACH STUDENT WILL:

1. Actively participate in an activity-based workshop environment.
2. Study cultural and political contexts of theater.
3. Read and evaluate play scripts.
4. Demonstrate an understanding of vocal and movement characteristics in informal and formal performances.
5. Learn advanced acting concepts through the craft of improvisational acting.
6. Study scene-work and scene structure, including conflict, subplot, levels, arc, and stage position.
7. Learn the play production process.
8. Watch and evaluate live theater productions.

PREREQUISITE: C or higher in Theater 1.

OPEN TO: 9-12

THEATER 3: ADVANCED ACTING. First Semester

Course No. 1247

TOTAL IN-CLASS TIME: 4 mods. CREDITS: 4. GROUP: 3.

This is an advanced acting course.

EACH STUDENT WILL:

1. Actively participate in an activity-based workshop environment.
2. Develop ensemble-building skills through improvisational exercises.
3. Demonstrate an understanding of acting theory and process.
4. Examine key historical figures and their contributions to the craft.
5. Demonstrate an understanding of advanced acting concepts; beats, arc, pursuit, discovery, and projection.
6. Develop professional portfolio for the purposes of audition.
7. Audition for a one-act production.
8. Audition, rehearse, and perform in live theater.

PREREQUISITE: Theater 1 and Theater 2 with a grade of C or higher.

OPEN TO: 10-12

THEATER 4: STAGECRAFT. Second Semester**Course No. 1248**

TOTAL IN-CLASS TIME: 4 mods. CREDITS: 4. GROUP: 3.

This is a Theater technology course. This course focuses on lighting, sound, set, and makeup.

EACH STUDENT WILL:

1. Demonstrate understanding of physical and chemical properties of technical theater.
2. Learn and apply elements of lighting design by developing light plots.
3. Learn and apply elements of sound design by developing a cue list.
4. Demonstrate understanding of costume and property design.
5. Learn and apply elements of set design by creating schematics.
6. Learn and apply construction techniques by building an authentic set.
7. Demonstrate an understanding of the various roles of technical theater.
8. Design an authentic theater production.

PREREQUISITE: Theater 1 and Theater 2 or instructor approval; construction is recommended.

OPEN TO: 10-12

THEATER 5: PLAY-WRITING. Second Semester**Course No. 1241**

TOTAL IN-CLASS TIME: 4 mods. CREDITS: 4. GROUP: 3.

This is a play-writing course. In this course students will write and perform their own plays.

EACH STUDENT WILL:

1. Read, evaluate, and discuss a variety of play scripts.
2. Learn theory of dramatic art.
3. Demonstrate an understanding of theatrical elements and their origins.
4. Develop and write an authentic one-act script.
5. Examine the role of the director and the script-to-stage process.
6. Participate in staged readings of original work

PREREQUISITE: Theater 1 and Theater 2 or instructor approval.

OPEN TO: 11-12

DEvised THEATER: First Semester**Course No. 1252**

TOTAL IN-CLASS TIME: 4 mods. CREDITS: 3. GROUP: 3.

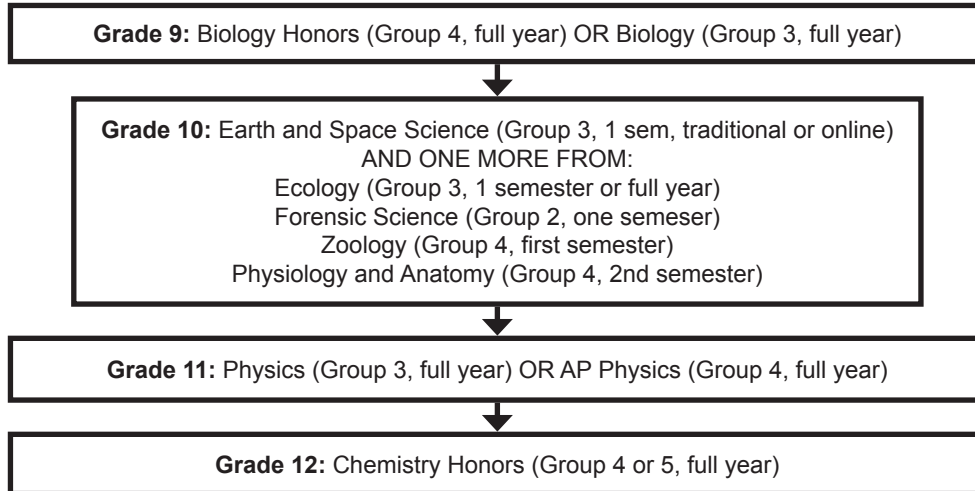
The class will combine physical movement and dramatic acting, a collaborative decision-making process, and social-emotional and identity-building sessions to create an original performance based on participants' life experiences.

PREREQUISITE: None

OPEN TO: 10-12

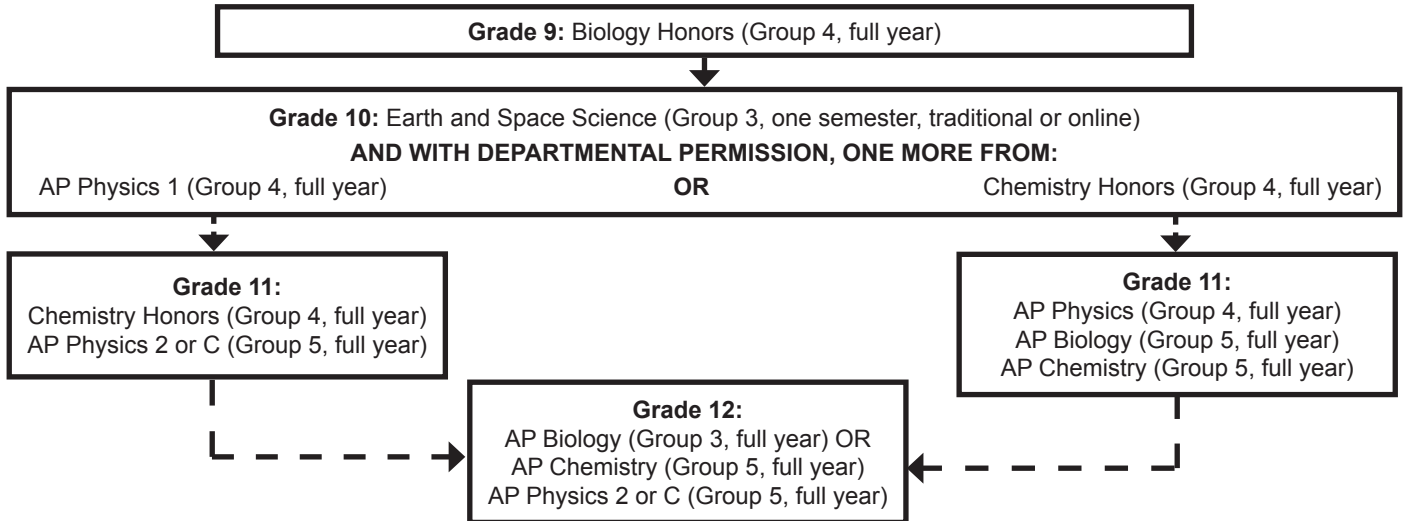
- SCIENCE PATH A -

This pathway is the most common sequence of science courses taken by students at Westside High School.



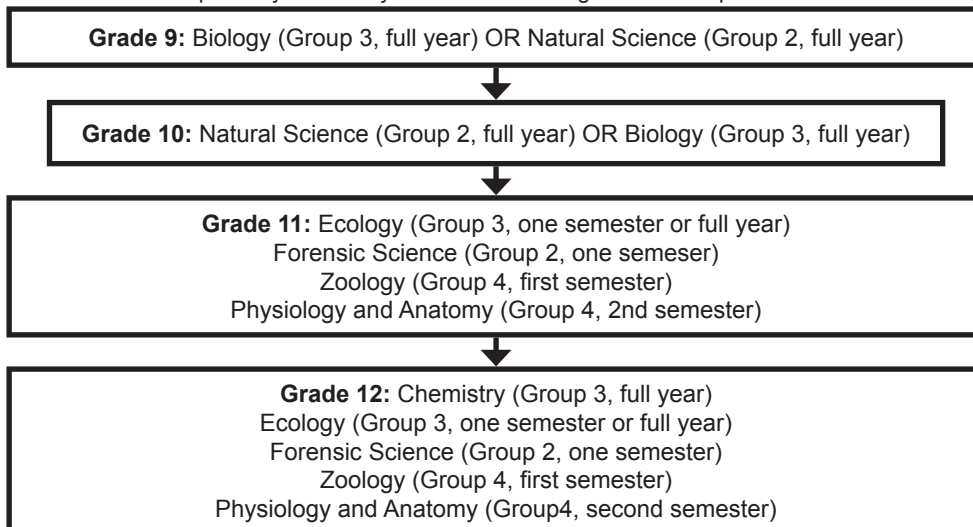
- SCIENCE PATH B -

Students wishing to accelerate their science curriculum may request departmental permission (based on exceptional performance in exceeding learning objectives in prior coursework) to take AP Physics 1 or Chemistry Honors in 10th grade. The primary motivation to follow this accelerated path is to meet prerequisites to be able to enroll in one or more AP science classes before graduating from Westside.



- SCIENCE PATH C -

Students who follow this pathway will satisfy the basic science graduation requirement for Westside High School.



SCIENCE

Course	Semester	Credit	Group	Open To
Biology	Full Year	5	3	9-10-11-12
Biology (H)	Full Year	5	4	9-10-11-12
Biology AP	Full Year	5	5	11-12
Chemistry	Full Year	5	3	12
Chemistry (H)	Full Year	5	4	10-11-12
Chemistry AP	Full Year	5	5	11-12
Earth/Space Science	1 or 2	4	3	10-11-12
Earth/Space Science Online	1 or 2	4	3	10-11-12
Ecology	1 or 2 or Full Year	3	3	10-11-12
Forensic Science	1 or 2	3	2	10-11-12
Natural Science	Full Year	4	2	9-10
Physics	Full Year	5	3	11-12
Physics AP-1	Full Year	5	4	10-11-12
Physics AP-2	Full Year	5	5	11-12
Physics AP-C	Full Year	5	5	11-12
Physiology & Anatomy	2	5	4	10-11-12
Science Independent Study	1 or 2 or Full Year	1-5	1-5	9-10-11-12
STEM 1	Full Year	12	3	9
Zoology	1	5	4	10-11-12

BIOLOGY. Full Year

Course No. 1805 & 1806

TOTAL IN-CLASS TIME: 5 mods. CREDITS: 5. GROUP: 3.

EACH STUDENT WILL:

1. Study the structures and functions of the cell.
2. Study the cycle of energy through living systems.
3. Examine the role of DNA as applied to genetics and heredity.
4. Investigate biotechnology and its application to society.
5. Explore diversity and examine populations in living organisms.
6. Participate in one major dissection to study body systems.

PREREQUISITE: None.

OPEN TO: 9-12

BIOLOGY (H). Full Year

Course No. 1809 & 1819

TOTAL IN-CLASS TIME: 5 mods. CREDITS: 5. GROUP: 4.

EACH STUDENT WILL:

1. Attend one large group and four small groups per week.
2. Study the structure and function of the cell.
3. Examine the fundamentals of biochemistry as related to the cell and its environment.
4. Study the cycle of energy through living organisms and investigate the principles of cell respiration and photosynthesis.
5. Examine the role of DNA as applied to genetics and heredity.
6. Investigate issues of biotechnology and their application in society.
7. Explore diversity and examine populations in living organisms.
8. Study mechanisms of disease and immunity in the human body.
9. Participate in one major dissection to study body systems.

NOTE: This course is designed for the highly motivated student who has a strong interest in science and who does not have any reading difficulties.

PREREQUISITE: B or better in first semester of Science 8.

OPEN TO: 9-12

BIOLOGY AP. Full Year**Course No. 1820**

TOTAL IN-CLASS TIME: 6 mods. CREDITS: 5. GROUP: 5.

EACH STUDENT WILL:

1. Prepare for the Advanced Placement Biology Exam by exploring the basic concepts of biology through lecture, laboratory and problem solving.
2. Be exposed to a college level course that is the equivalent to an introductory biology course taken during the first year of college by those pursuing a science major.
3. Focus on the following four big ideas: Evolution drives the diversity and unity of life. Biological systems utilize free energy and molecular building blocks to grow, to reproduce and to maintain dynamic homeostasis. Living systems store, retrieve, transmit and respond to information essential to life processes. Biological systems interact, and these systems and their interactions possess complex properties.
4. Laboratory experiences are student-directed and inquiry-based, providing opportunities for students to design plans for experiments, collect data, apply mathematical routines, and refine testable explanations and predictions.

NOTE: This course is extremely rigorous and is recommended for students planning on a science major in college. It can be taken for dual credit. All students who take the course will take an Advanced Placement Biology Exam in May.

PREREQUISITE: Biology and Chemistry

OPEN TO: 11-12

CHEMISTRY. Full Year**Course No. 1867 & 1868**

TOTAL IN-CLASS TIME: 5 (pending admin approval) mods. CREDITS: 5. GROUP: 3.

EACH STUDENT WILL:

1. Be introduced to basic concepts of chemistry in the laboratory and daily homework assignments.
2. Learn the laboratory and problem solving approach to chemistry.
3. Be exposed to interesting chemical demonstrations.
4. Use beginning environmental chemistry to analyze future and current issues in our world.

NOTE: If you are planning on pursuing a career in science, math, engineering, or medicine in college, Chemistry (H) is the appropriate choice.

PREREQUISITE: 1) Successful completion of Algebra I; 2) EITHER a) Earth/Space Science course (Must be taken prior to or concurrent with either semester of Chemistry.), or b) Natural Science, Sem. 1 (Must be taken prior to Chemistry.)

OPEN TO: 12

CHEMISTRY (H). Full Year**Course No. 1869 & 1879**

TOTAL IN-CLASS TIME: 6.5 mods. CREDITS: 5. GROUP: 4.

EACH STUDENT WILL:

1. Be introduced to basic concepts in Chemistry using lecture, chemical demonstrations, and laboratory activities.
2. Complete 1-2 major laboratory projects per year in addition to daily assignments.
3. Practice the scientific method in laboratory activities. Some of these involve designing his/her own procedure and using a computer to collect and analyze data. Some activities will involve coming in outside of scheduled class time.
4. Complete this course if planning to take any college science class.

PREREQUISITE: 1. Completion of or concurrent enrollment in Pre-Calculus or by teacher permission;

2. EITHER a) Earth/Space Science course (Must be taken prior to or concurrent with either semester of Chemistry.), or b) Natural Science (Sem 1) 3. Sophomores must complete a written application and receive departmental approval to enroll in Chemistry Honors. The primary motivation to follow this accelerated path is to meet prerequisites to be able to enroll in one or more AP science classes before graduating from Westside.

OPEN TO: 10-12

CHEMISTRY AP. Full Year**Course No. 1890**

TOTAL IN-CLASS TIME: 6 mods. CREDITS: 5. GROUP: 5.

EACH STUDENT WILL:

1. Prepare for the Advanced Placement Chemistry Exam by exploring the basic concepts of chemistry through lecture, laboratory and problem solving.
2. Be exposed to a college level course that is the equivalent of a general chemistry course taken during the first year of college by those pursuing a science major.
3. Study in great detail topics such as structure of matter, kinetic theory of gases, chemical equilibrium, thermodynamics, acids and bases and electrochemistry.
4. Laboratory experiences are student-directed and inquiry-based, providing opportunities for students to design plans for experiments, collect data, apply mathematical routines, and refine testable explanations and predictions.

NOTE: This course is extremely rigorous and is recommended for students planning on a science major in college. All students will take an Advanced Placement Chemistry Exam in May.

PREREQUISITE: Chemistry Honors

OPEN TO: 11-12

EARTH/SPACE SCIENCE. First or Second Semester**Course No. 1845**

TOTAL IN-CLASS TIME: 5 mods. CREDITS: 4. GROUP: 3.

EACH STUDENT WILL:

1. Explore and develop a deep understanding of geology concepts including plate tectonics, geologic age dating, natural resource management and global climate change.
2. Explore and develop a deep understanding of astronomy concepts including the laws governing the motion of planets, the size and scale of the universe, gravity, the development of stars, galaxies, and issues of space exploration.
3. Develop and refine scientific inquiry skills in a laboratory setting.

NOTE: This course is required for all students taking Physics or AP Physics. Students are encouraged to take this course before taking any Physics course but they may take it concurrently.

PREREQUISITE: Successful completion of Biology or Biology Honors.

OPEN TO: 10-12 (9 with teacher permission)

EARTH AND SPACE SCIENCE ONLINE. First or Second Semester**Course No. 4845**

TOTAL IN-CLASS TIME: 1 Mod. Credits: 4. Group: 3.

The online course content is the same as Earth and Space Science (1845) and can be taken in place of Earth and Space Science.

This class is structured with the student working independently to complete work and prepare for assessments. Students learn from Blackboard resources as well as specific laboratory activities that must be completed at school. An instructor is available during the day during open mods as well as via email to address concerns or questions. All assessments will be taken during the student's assigned mod each week.

A student who signs up for this class should be a self-starter and plan on spending approximately four hours per week working independently towards meeting course outcomes. In addition, students who enroll in this course should be comfortable asking for help and communicating one-on-one with a teacher.

NOTE: This course fulfills the prerequisite for Physics. Students are encouraged to take the course before taking Physics, but they may take it concurrently.

PREREQUISITE: Successful completion of Biology or Biology Honors and E/S Online instructor permission.

OPEN TO: 10-12 (9 with teacher permission, 2nd semester only.)

ECOLOGY. First or Second Semester, or Full Year**Course No. 1835**

TOTAL IN-CLASS TIME: 4 mods. CREDITS: 3. GROUP: 3.

EACH STUDENT WILL:

- Gather, record, and analyze physical, chemical, and biological data from different environments.
- Correctly use proper field techniques and laboratory procedures to investigate living and nonliving systems.
- Become familiar with species adaptations to changing environments.
- Explore the biogeochemical cycling in ecosystems.
- Understand the dynamics of population, communities, and ecosystems.
- Investigate and understand how global habits affect species diversity.
- Examine current ecological problems and propose potential solutions.

PREREQUISITE: Successful completion of a full year of Biology.

OPEN TO: 10-12

FORENSIC SCIENCE. First or Second Semester**Course No. 1834**

TOTAL IN-CLASS TIME: 4 mods. CREDITS: 3. GROUP: 2.

This course will immerse students into the world of Forensic Science, which is the study and application of science to matters of law. The class will start with a history of forensic science and include other topics and activities such as processing a crime scene, serology (study of blood serum), anthropology, toxicology and decomposition. Students will be required to participate in all labs, including making observations of a fetal pig that decomposes outside as well as working with blood. Forensic Science students will learn about connections between many different scientific disciplines, ranging from entomology to physics that are part of the world of CSI.

PREREQUISITE: Successful completion of a full year of Biology.

OPEN TO: 10-12

NATURAL SCIENCE. Full Year**Course No. 1843 & 1844**

TOTAL IN-CLASS TIME: 5 mods. CREDITS: 4. GROUP: 2.

EACH STUDENT WILL:

1. Master the basic scientific thinking skills of precision, logic, accuracy, breadth, depth, and clarity.
2. Learn to solve interesting real world scientific problems.
3. Learn the basic unifying principles of earth science, astronomy, physics and chemistry.
4. Relate learned concepts to real life situations and learn more about how things work in everyday life.

PREREQUISITE: None.

OPEN TO: 9-10 or teacher permission

PHYSICS. Full Year**Course No. 1849 & 1859**

TOTAL IN-CLASS TIME: 5 mods. CREDITS: 5. GROUP: 3.

EACH STUDENT WILL:

1. Attempt to understand nature by exploring the following topics: motion and forces, momentum and energy, waves and light, and electricity and magnetism.
2. Develop a learning style and process that will aid him/her in the logical study and understanding of nature. Students will apply mathematical concepts and skills they have previously learned during the study of physics.
3. Do appropriate problem sets, readings and laboratory experiments with write-ups, and use computers to collect and analyze data.

NOTE: It is recommended that the student have a scientific calculator.

PREREQUISITE: 1. Advanced Algebra or Algebra II (Must be taken prior to or concurrently with Physics.);

2. EITHER a. Earth/Space Science course (Must be taken prior to or concurrent with either semester of Physics.), or b. Natural Science (Must be taken prior to Physics.)

OPEN TO: 11-12

PHYSICS AP 1. Full Year**Course No. 1860**

TOTAL IN-CLASS TIME: 6 mods. CREDITS: 5. GROUP: 4.

EACH STUDENT WILL:

1. Prepare for the Advanced Placement Physics 1 Exam by exploring physics through lecture, laboratory and problem solving.
2. Be exposed to a college level course that is the equivalent of a trigonometry-based general physics course taken during the first year of college by those pursuing pre-med and non-physics science majors.
3. Study in great detail topics such as mechanics, energy, and waves.

NOTE: This course is extremely rigorous and is recommended for students planning on a science major in college. All students who take the course are strongly encouraged to take the Advanced Placement Physics 1 Exam in May. This class can be taken for dual credit. This course is required to take Physics AP C.

PREREQUISITE: 1) Completion of or concurrent enrollment in Advanced Algebra Honors or Pre-Calculus or by teacher permission; 2) Earth/Space Science course (Must be taken prior to or concurrent with either semester of Physics AP 1.); 3) Sophomores must complete a written application and receive departmental approval to enroll in AP Physics 1. The primary motivation to follow this accelerated path is to meet prerequisites to be able to enroll in one or more additional AP science classes before graduating from Westside.

OPEN TO: 10-11-12

PHYSICS AP 2. Full Year**Course No. 1865**

TOTAL IN-CLASS TIME: 6 mods. CREDITS: 5. GROUP: 5.

EACH STUDENT WILL:

1. Prepare for the Advanced Placement Physics 2 Exam by exploring physics through lecture, laboratory and problem solving.
2. Be exposed to a college level course that is the equivalent of a trigonometry-based general physics course taken during the second semester of college by those pursuing pre-med and non-physics science majors.
3. Study in great detail topics such as fluids, thermodynamics, electricity and magnetism, and modern physics.

NOTE: This course is extremely rigorous and is recommended for students planning on a science major in college. All students who take the course are strongly encouraged to take the Advanced Placement Physics 2 Exam in May. This class can be taken for dual credit.

PREREQUISITE: AP Physics 1 or by teacher permission.

OPEN TO: 11-12

PHYSICS AP C. Full Year**Course No. 1870**

TOTAL IN-CLASS TIME: 6 mods. CREDITS: 5. GROUP: 5

EACH STUDENT WILL:

1. Prepare for the Advanced Placement Physics C Exam by exploring physics through lecture, laboratory and problem solving.
2. Be exposed to a college level course that is the equivalent of a calculus-based general physics course taken during the first year of college by those pursuing physics or engineering majors.
3. Study in great detail topics such as acceleration, momentum, energy, electricity and magnetism.

NOTE: This course is extremely rigorous and is recommended for students planning on a science major in college. All students who take the course are strongly encouraged to take the Advanced Placement Physics C Exam in May. This class can be taken for dual credit.

PREREQUISITE: AP Physics 1 and completion of or concurrent enrollment in Calculus.

OPEN TO: 11-12

PHYSIOLOGY and ANATOMY. Second Semester**Course No. 1839**

TOTAL IN-CLASS TIME: 6 mods. CREDITS: 5. GROUP: 4.

EACH STUDENT WILL:

1. Study the internal structure and function of the human body.
2. Do comprehensive dissection of a mammal and mammal organs.
3. Study the structure of human tissues.
4. Study the 10 systems of the human body in a teamwork setting.

PREREQUISITE: Successful completion of a full year of Honors Biology or General Biology with teacher recommendation.

OPEN TO: 10-12

SCIENCE INDEPENDENT STUDY. First or Second Semester, or Full Year**Course No. 1005**

TOTAL IN-CLASS TIME: Independent Study Program arranged with teacher.

CREDITS: 1 to 5. GROUP: 1 to 5.

This is an Independent Study class which may be arranged with a sponsoring science teacher. The projects may be used in local, state and national science fairs, for scholarships, and various science contests.

Interested students should contact a sponsoring science teacher and make arrangements for their project.

NOTE: This course may not be taken to meet minimum class load requirements.

OPEN TO: 9-12

STEM 1 . Full Year**Course No. 1815**

TOTAL IN-CLASS TIME: 11 mods. CREDITS: 12. GROUP: 3.

This course combines concepts of algebra, physics, and engineering to make real world connections through the use of hands-on activities and group projects. Through successful completion of this course, students will receive credit for Algebra I, Physics, and an engineering elective. Students must be willing to work in groups and independently.

NOTE: STEM 1 students must also take Earth & Space Science and Biology before graduating to fulfill the science graduation requirement.

EACH STUDENT WILL:

1. Develop an understanding of Algebra concepts such as variables, algebraic expressions, inequalities, data collection and analysis, and linear/quadratic functions.
2. Apply Algebra Concepts to develop an understanding of Physics concepts such as motion, force, momentum, and energy.
3. Apply mathematical and physics concepts and skills through hands-on engineering activities and projects.
4. Identify the interconnected relationship between Algebra, Physics and Engineering concepts.
5. Practice critical thinking and problem solving skills to model and solve multistep problems.

PREREQUISITE: Students must be recommended for Algebra I and Biology or Honors Biology.

OPEN TO: 9 Only

ZOOLOGY. First Semester**Course No. 1829**

TOTAL IN-CLASS TIME: 6 mods. CREDITS: 5. GROUP: 4.

EACH STUDENT WILL:

Study the classification of nine major animal phyla in a teamwork setting.

Learn similarities and differences within animal phyla. Emphasis will be on structure, function, and systems.

Accomplish these goals by dissection and live animal studies.

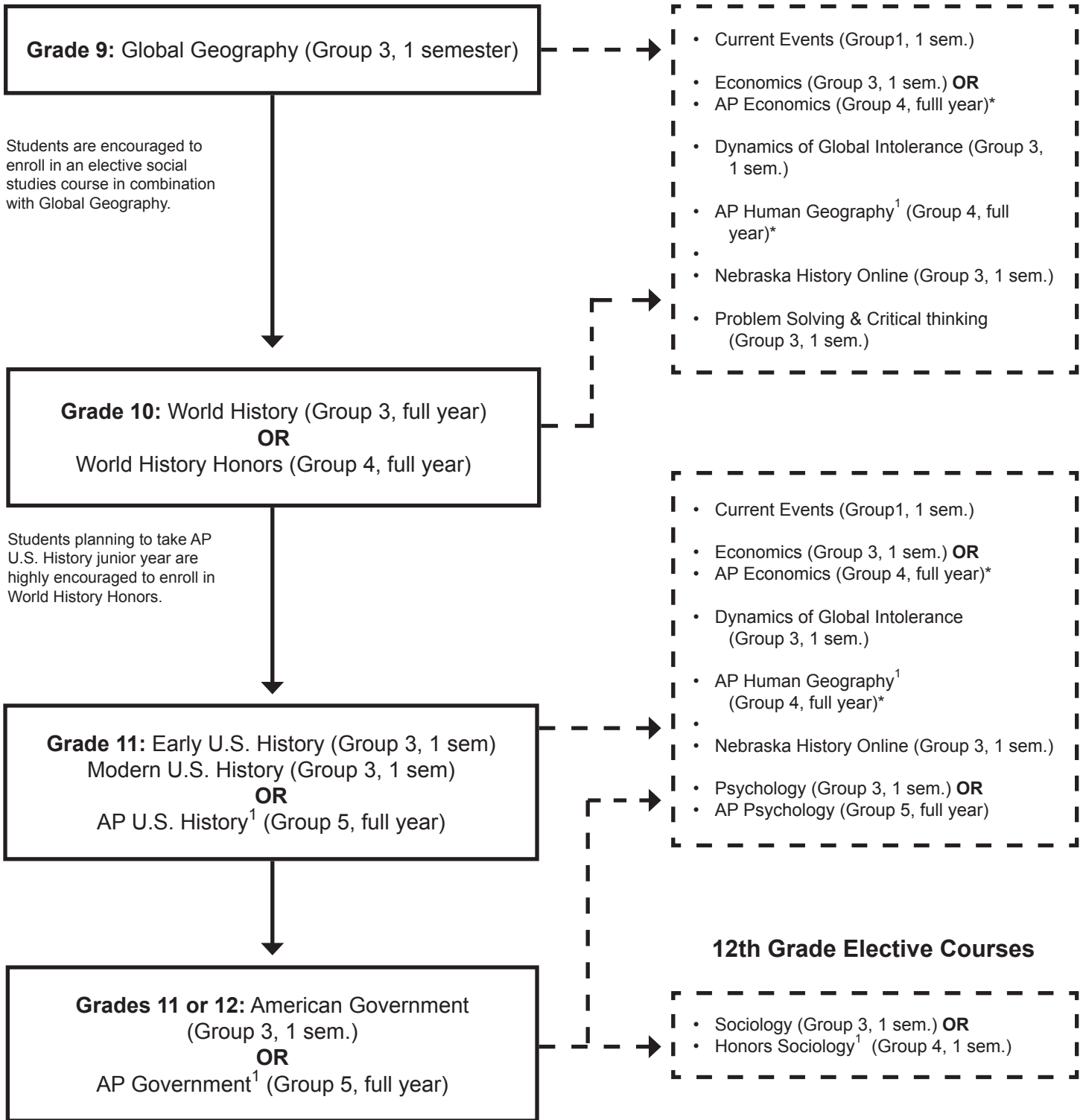
PREREQUISITE: Successful completion of a full year of Honors Biology or General Biology with teacher recommendation.

OPEN TO: 10-12

SOCIAL STUDIES

Core Courses

Electives



NOTE: ¹ indicates that the course is a University of Nebraska at Omaha dual enrollment opportunity.
 * indicates prior instructor approval is needed if currently in 9th grade.

SOCIAL STUDIES

Course	Semester	Credit	Group	Open To	
American Government & Politics	1 or 2	4	3	1	11-12
American Government & Politics AP	Full Year	5/2	5	5	11-12
Current Events	1 or 2	2	2	1	9-10-11-12
Dynamics of Global Intolerance	1 or 2	4	4	3	9-10-11-12
Economics	1 or 2	4	4	3	9-10-11-12
Economics AP	Full Year	4	4	4	9-10-11-12
Human Geography AP	Full Year	4	4	4	9-10-11-12
Global Geography	1 or 2	4	4	3	9-10-11-12
Introduction to Criminal Justice	2	4	4	3	11-12
Nebraska History (Online)	1	4	4	3	9-10-11-12
Problem Solving	1	3	3	3	9-10
Psychology	1 or 2	4	4	3	11-12
Psychology AP	Full Year	4	4	5	11-12
Sociology	1 or 2	4	4	3	12
Sociology (H)	1 or 2	5	5	4	12
Early U.S. History	1 or 2	4	4	3	11
Modern U.S. History	1 or 2	4	4	3	11
U.S. History I AP	1	4	4	5	11
U.S. History II AP	2	4	4	5	11
World History I	1	4	4	3	10
World History II	2	4	4	3	10
World History I (H)	1	4	4	4	10
World History II (H)	2	4	4	4	10

AMERICAN GOVERNMENT & POLITICS. First or Second Semester

Course No. 1947

TOTAL IN-CLASS TIME: 5.5 mods. CREDITS: 4. GROUP: 3.

THIS COURSE IS REQUIRED FOR GRADUATION.

This course will focus on the contemporary nature and function of the American political system. The course will examine the framework of American political values and traditions through an intensive look at various links between people and the government including public opinion, political parties, interest groups, voting, and the media. It will look at the structures of levels of government and the constitution through federalism, separation of powers, checks and balances and the Bill of Rights. Students will be required to exhibit active citizenship.

PREREQUISITE: None.

OPEN TO: 11-12

AMERICAN GOVERNMENT & POLITICS AP. Full Year**Course No. 1948 & 1949**

TOTAL IN-CLASS TIME: 1st Sem: 6 mods, 2nd Sem: 3 mods. CREDITS: 1st Sem: 5, 2nd Sem: 2. GROUP: 5.

AP American Government and Politics is a course designed to give students a critical perspective on the United States government's policies and institutions. This course involves the study of political theory through historical analysis and modern case studies. It requires familiarity with the various institutions, groups, and philosophies that make up the American political culture. These include constitutional theory, political parties, interest groups, the mass media, Congress, the Presidency and the bureaucracy, and the judicial system. This course provides students with an analytical perspective on American government and politics and prepares students to take the AP US Government and Politics exam. All students will be required to take an advanced placement test (or equivalent test).

This course provides the opportunity for students to earn three college credit hours through the University of Nebraska at Omaha's dual enrollment program. The cost of this optional program is approximately \$250. The program's fees also cover the student's cost of taking the Advanced Placement exam. All dual enrollment students are required to take the College Board's Advanced Placement test.

PREREQUISITE: AP U.S. History or by teacher approval.

OPEN TO: 11-12

CURRENT EVENTS. First or Second Semester**Course No. 1931**

TOTAL IN-CLASS TIME: 2 mods. CREDITS: 2. GROUP: 1.

For every student who wants to know more about what's going on, what it means, and why it is important. Discussion topics are chosen from the news stories students bring to class. Requirements are regular attendance and a news story every day. Oral participation is optional but strongly encouraged.

PREREQUISITE: Must be currently enrolled in another Social Studies course of at least 4 credits. (Except 9th graders). May be taken "Pass-Fail" on request. May be taken for credit as many semesters as a student wishes.

OPEN TO: 9-12

DYNAMICS OF GLOBAL INTOLERANCE. First or Second Semester**Course No. 1907**

TOTAL IN-CLASS TIME: 4 mods. CREDITS: 4. GROUP: 3.

This course will explore the world's multicultural societies and examine contemporary issues of tolerance. Through research, guest speakers and literature, students will learn about these issues. Students will study multicultural perspectives, the Holocaust and other genocides, extremist groups and other issues related to tolerance. Students will identify leaders who have struggled for tolerance and justice in the social, political and religious realms and explore their methods and values. Students will discuss strategies on how to promote a more tolerant society.

NOTE: Fulfills one semester of the Global/Multicultural Requirement.

PREREQUISITE: None.

OPEN TO: 9-12

ECONOMICS. First or Second Semester**Course No. 1936**

TOTAL IN-CLASS TIME: 4 mods. CREDITS: 4. GROUP: 3.

This is a course in introductory economic theory. The course will cover basic concepts in micro- and macroeconomics including: supply and demand, basic economic thinking, the role of the government, taxes, and measures of economic performance (unemployment, inflation, GDP). This is a student-centered course incorporating decision-making, data gathering, and class discussion to inquire into economic theory and problems.

PREREQUISITE: None.

OPEN TO: 9-12

ECONOMICS AP. Full Year**Course No. 1960**

TOTAL IN-CLASS TIME: 4 mods. CREDITS: 4. GROUP: 4.

AP Economics is a course in economic theory that examines the actions and interactions of individuals as they seek to satisfy their own preferences. This course includes an introduction to general concepts in economics including scarcity, opportunity cost, competition, and supply and demand. It also includes a detailed look into different market systems and the role of the government in correcting market failure. Basic macroeconomic concepts will be examined to provide the student an understanding of the influence of the banking system, monetary, and fiscal policy, and trade on individuals. This class involves student-centered activities including economic experiments, data collection, decision-making, and class discussion. Students will also apply conceptual theory to economic models in preparation for the AP Microeconomics exam. All students will be required to take an advanced placement test (or equivalent test).

PREREQUISITE: Successful completion of Algebra, Instructor permission OR passing Economics with a 'B' or higher.

OPEN TO: 9-12

HUMAN GEOGRAPHY AP. Full Year**Course No. 1959**

TOTAL IN-CLASS TIME: 4.5 mods. CREDITS: 4. GROUP: 4.

This course is designed to:

Introduce students to the study of patterns and processes of human activities on the Earth's surface.

1. Develop students' skills in landscape analysis.
2. Develop students' use and understanding of maps and spatial data.
3. Introduce six of the geographic fields: Cultural, Population, Political, Agricultural, Economic, and Urban Geography.

All students will be required to take an advanced placement test (or equivalent test). This course provides the opportunity for students to earn three college credit hours through the University of Nebraska at Omaha's dual credit program. The cost of this optional program is approximately \$250. The program's fees also cover the student's cost of taking the Advance Placement exam. All dual credit students are required to take the College Board's Advanced Placement test.

NOTE: Fulfills one semester of the Global/Multicultural Requirement.

PREREQUISITE: None. (Global Geography suggested.)

OPEN TO: 10-12 (9 by WMS school counselor recommendation)

GLOBAL GEOGRAPHY. First or Second Semester**Course No. 1906**

TOTAL IN-CLASS TIME: 4 mods. CREDITS: 4. GROUP: 3.

This introductory Social Studies course recommended for all ninth grade students introduces students to basic geographic concepts and skills. These concepts include: 1) the five themes of geography, 2) physical geography, 3) global cultural regions, 4) urban geography, and 5) environmental issues. Improving study skills, the reading and designing of maps, charts, and graphs, problem solving, and teamwork will be major focuses of the curriculum. The primary objective is to challenge students to investigate the world beyond their immediate environment and lay the foundations for sophomore World History.

NOTE: Fulfills one semester of the Global/Multicultural Requirement.

PREREQUISITE: None.

OPEN TO: 9-12

INTRODUCTION TO CRIMINAL JUSTICE. Second Semester Only**Course No. 1934**

TOTAL IN-CLASS TIME: 4 mods. CREDITS: 4. GROUP: 3

This course is designed to provide students with an overview of the many facets in the United States criminal justice system. In this course, the theory, structure, and operation of each principle component in the criminal justice system (eg. police, courts, and corrections) will be examined in detail.

EACH STUDENT WILL:

1. Understand the structure of the American criminal justice system including the relationships between federal, state, and local units of government.
 2. Understand the relationships between criminal justice policy and due process.
 3. Understand the functions and interrelationships of the major components of the criminal justice system.
- The intent of this course is to provide a framework for understanding how the criminal justice system should work. The criminal justice system affects everyone in some form or another, and as such, students are expected to think critically about the issues presented in class and during discussions.

PREREQUISITE: None.

OPEN TO: 11-12

NEBRASKA HISTORY (ONLINE). First Semester**Course No. 4935**

TOTAL IN-CLASS TIME: 1 mod. CREDITS: 4. GROUP: 3.

This course is offered online and provides students the opportunity to study the history of Nebraska. Through lectures, reading materials, and videos (all online), students will gain an understanding of their own state's history, culture, and government.

Students will meet with their instructor one mod per week and complete the rest of their work independently.

The instructor will also be available to meet with students on an individual basis if needed. Course materials will be provided on a course wiki page. All assessments will be taken during students' assigned mods.

Any student taking this course should plan on spending approximately three hours per week working independently towards meeting the course outcomes. They should possess basic computer knowledge and the ability to use the Internet for research and communication with their instructor and other students. Furthermore, students enrolling in this course should possess solid time management skills, strong work habits, and a high degree of independence and initiative.

PREREQUISITE: None

OPEN TO: 9-12

PROBLEM-SOLVING & CRITICAL THINKING. First Semester Only**Course No. 1909**

TOTAL IN-CLASS TIME: 3 mods. CREDITS: 3. GROUP: 3.

The objective of this course is to improve students' problem-solving and critical-thinking skills within the context of the social studies. Students will comprehend, apply, and synthesize multiple models of critical thinking and problem solving. Students will employ these skills in the process of conducting investigations in the social sciences. Finally, students will learn to communicate the results and conclusions of these investigations in multiple formats including research & reference essays, presentations and discussions.

PREREQUISITE: None

OPEN TO: 9-10

PSYCHOLOGY. First or Second Semester**Course No. 1938**

TOTAL IN-CLASS TIME: 4 mods. CREDITS: 4. GROUP: 3.

This one semester course offers an overview of the discipline of psychology. Areas of investigation will include: history and approaches of psychology, human development, learning theory, psychological research methods, personality, social psychology, and abnormal behavior. The focus will be on psychological concepts and how they relate to one's own life. Outside reading and research is required.

PREREQUISITE: None.

OPEN TO: 11-12

PSYCHOLOGY AP. Full Year**Course No. 1940**

TOTAL IN-CLASS TIME: 4 mods. CREDITS: 4. GROUP: 5.

This course is designed to introduce students to the scientific study of the behavior and mental processes of human beings and animals. The aim will be to provide students with learning experiences equivalent to those in most college introductory courses.

All students will be required to take an advanced placement test (or equivalent test).

PREREQUISITE: None.

OPEN TO: 11-12

SOCIOLOGY. First or Second Semester**Course No. 1937**

TOTAL IN-CLASS TIME: 4 mods. CREDITS: 4. GROUP: 3.

THIS COURSE IS RECOMMENDED FOR ALL SENIORS.

This course has something to offer all seniors interested in people. The following topics will be examined: Sexism/Sexual Harassment, Ageism, Racism, Marriage and Family, and Violence. Each student will be involved in group presentations and a marriage simulation project (or alternative marriage project). Problem solving, original research, and the use of the community as a resource will be required.

PREREQUISITE: None.

OPEN TO: 12

SOCIOLOGY (H). First or Second Semester**Course No. 1939**

TOTAL IN-CLASS TIME: 5 mods. CREDITS: 5. GROUP: 4.

Honors Sociology consists of the same curriculum, instruction, and assessments as Sociology with an additional 40-minute meeting each week. The goal of Honors Sociology will be to provide students with learning experiences equivalent to those typical of most introductory college sociology courses. The following topics will be examined in addition to those covered in Sociology: deviant behavior, social inequality, the study of society, institutions, social change, social issues, and social control.

This course provides students the opportunity to earn three college credit hours through the University of Nebraska at Omaha's dual credit program. The cost of this optional program is approximately \$250.

PREREQUISITE: None.

OPEN TO: 12

EARLY US HISTORY. First or Second Semester**Course No. 1925**

TOTAL IN-CLASS TIME: 4 mods. CREDITS:4. GROUP: 3.

THIS COURSE IS REQUIRED FOR GRADUATION.

This college prep course examines the historical heritage of the United States during the seventeenth, eighteenth, and nineteenth centuries. It is designed to practice and develop social studies skills such as problem solving, historical analysis, map interpretation, and basic research. Students will also develop both written and oral communication skills throughout the semester. The curriculum will stress appropriate knowledge outcomes.

PREREQUISITE: None.

OPEN TO: 11 (May not be taken the same semester as Modern US History Course No. 1926)

MODERN US HISTORY. First or Second Semester**Course No. 1926**

TOTAL IN-CLASS TIME: 4 mods. CREDITS:4. GROUP: 3.

THIS COURSE IS REQUIRED FOR GRADUATION.

This college prep course examines the historical heritage of the United States during the twentieth, and twenty-first centuries. It is designed to practice and develop social studies skills such as problem solving, historical analysis, map interpretation, and basic research. Students will also develop both written and oral communication skills throughout the semester. The curriculum will stress appropriate knowledge outcomes.

PREREQUISITE: None.

OPEN TO: 11 (May not be taken the same semester as Early US History Course No. 1925)

U.S. HISTORY I AP. First Semester**Course No. 1920****U.S. HISTORY II AP. Second Semester****Course No. 1930**

TOTAL IN-CLASS TIME: 4.5 mods. CREDITS: 4. GROUP: 5.

This is a college preparatory, survey course. Emphasis is placed on inquiry, data gathering, writing, and discussion skills with a much greater amount of reading, analysis, and interpretation. Interest in history is essential. In addition, 'summer reading' will be required (8-12 hours) to be completed and evaluated the first week of the fall semester.

All students will be required to take an advanced placement test (or equivalent test.)

This course provides the opportunity for students to earn three college credit hours each semester by participating in the University of Nebraska at Omaha's dual credit program. The cost of this optional program is approximately \$250 per semester. The program's fees also cover the student's cost of taking the Advanced Placement exam. All dual credit students are required to take the College Board's Advanced Placement test.

PREREQUISITE: Honors World History or by teacher approval.

OPEN TO: 11

WORLD HISTORY I. First Semester**Course No. 1915****WORLD HISTORY II. Second Semester****Course No. 1916**

TOTAL IN-CLASS TIME: 4 mods. CREDITS: 4. GROUP: 3.

The course of study will be world history to World War II (1945) the first semester, and the world since 1939 with the emphasis on Global Education the second semester. Topics to be studied include world hunger, economic interdependence, differing cultures, and problems of peace and war. Emphasis is placed on data-gathering, group discussions, problem solving, and student presentations.

NOTE: Fulfills one semester of the Global/Multicultural Requirement.

PREREQUISITE: None.

OPEN TO: 10

WORLD HISTORY I (H). First Semester**Course No. 1919****WORLD HISTORY II (H). Second Semester****Course No. 1929**

TOTAL IN-CLASS TIME: 4 mods. CREDITS: 4. GROUP: 4.

Students taking this course will also be enrolled in the regular World History course and be expected to complete all requirements of that course. Honors students will be responsible for additional, more difficult assignments, i.e. readings, individual research papers, and other activities demanding more analysis and interpretation.

NOTE: Fulfills one semester of the Global/Multicultural Requirement.

PREREQUISITE: None

OPEN TO: 10

SPECIAL SERVICES

Course	Semester	Credit	Group	Open To
Assisted Learning	Full Year	1	1	9-10-11-12
Adapted P.E.	Full Year	3	1	9-10-11-12
Audiology	Full Year	1	1	9-10-11-12
English 1	Full Year	3	1	9
Life Skills	Full Year	1	1	9-10-11-12
Reading Connections	Full Year	3	1	9-10-11-12
Reading Foundations 11/12	Full Year	2	1	11-12
Reading Strategies 1	1 or 2	1	1	9-10-11-12
Reading Strategies 2	1 or 2	1	1	9-10-11-12
Reading Strategies 3	1 or 2	1	1	9-10-11-12
Reading Workshop	Full Year	1	1	9
Special Services/OJT	Full Year	5	1	9-10-11-12
Speech A	Full Year	1	1	9-10-11-12
Speech B	Full Year	1	1	9-10-11-12
Speech C	Full Year	1	1	9-10-11-12
Transition	Full Year	5	1	By Permission
Vocational Math Applications	Full Year	3	1	9-10-11-12

ADAPTED P.E. Full Year.

Course No. 2947

TOTAL IN-CLASS TIME: 4 mods. CREDITS: 3. GROUP: 1.

EACH STUDENT WILL:

1. Develop and promote fitness activities in line with their Individualized Education Plan.
2. Participate in activities associated with recreational and lifetime fitness.

PREREQUISITE: Each student admitted according to needs on their Individualized Education Plan.

OPEN TO: 9-12.

ASSISTED LEARNING (AL). Full Year

Course No. 2920

TOTAL IN-CLASS TIME: 1 mod. CREDITS: 1. GROUP: 1.

1. Work on skills as identified in the Individualized Education Plan.
2. Develop academic, social, and behavioral skills needed to become an independent learner.
3. Utilize resources and supports necessary for completion of daily assignments and assessments.

NOTE: AL mods do not count toward the minimum required mods per semester.

PREREQUISITE: Each student admitted according to needs on their Individualized Education Plan.

OPEN TO: 9-12.

AUDIOLOGY. Full Year

Course No. 2901

TOTAL IN-CLASS TIME: 1-2 mods. CREDITS: 1. GROUP: 1.

This course is for students with hearing impairments receiving direct supports from the Teacher of Deaf and Hard of Hearing students.

PREREQUISITE: Each student admitted according to needs on their Individualized Education Plan.

OPEN TO: 9-12.

ENGLISH 1. Full Year.**Course No. 2942 & 2943**

TOTAL IN-CLASS TIME: 4 mods. CREDITS: 4. GROUP: 3.

EACH STUDENT WILL:

1. Learn and apply six traits of writing during the writing process.
2. Read, analyze, and discuss samples of writing pertaining to the modes (expository, narrative, persuasive).
3. Create and word-process several pieces including narrative, persuasive, and expository essays.
4. Demonstrate effective communication skills for individual and group presentations.
5. Read and comprehend a variety of literary genres using appropriate reading strategies.
6. Practice basic research skills by gathering and organizing pertinent and substantial evidence for presentations and writings.

NOTE 1: The readings in the course are similar but not identical to the College Bound level. Students should generally only enroll in this course if they are reading and/or writing significantly below grade level.

NOTE 2: Must also enroll in Reading Workshop 1 (Course No. 2941) unless enrolled in Reading Strategies 1, 2, or 3.

PREREQUISITE: Enrollment determined by test scores and by recommendation of reading specialist and English Department Chair.

OPEN TO: 9

LIFE SKILLS. Full Year**Course No. 2950**

TOTAL IN-CLASS TIME: 1 mod. CREDITS: 3. GROUP: 1.

EACH STUDENT WILL:

1. Develop functional daily living skills
2. Develop social communication skills
3. Develop self-management & self-regulation skills
4. Develop community-based life skills
5. Attend a weekly callback mod to receive additional assistance as needed.

PREREQUISITE: Parent permission following referral and educational recommendation of the IEP team. Intended for students who participate in a modified curriculum or the State Alternate Assessment

OPEN TO: 9-12

READING CONNECTIONS. Full Year**Course No. 2948**

TOTAL IN-CLASS TIME: 5 mods. CREDITS: 5. GROUP: 1.

EACH STUDENT WILL:

1. Develop functional reading skills.
2. Develop vocabulary building skills.
3. Develop writing skills.
4. Attend a weekly callback mod to receive additional assistance as needed.

PREREQUISITE: Parent permission following referral and educational recommendation of the IEP team. Intended for students who participate in a modified curriculum or the State Alternate Assessment.

OPEN TO: 9-12

READING FOUNDATIONS LAB 11/12. Full Year**Course No. 2982**

TOTAL IN-CLASS TIME: 2 mods. CREDITS: 3. GROUP: 1.

EACH STUDENT WILL:

1. Develop reading skills of fiction and nonfiction text.
2. Develop vocabulary building skills.
3. Develop writing skills.
4. Students will work in a one-to-one or small group setting.

PREREQUISITE: Enrollment determined by test scores and by recommendation of reading specialist and IEP team.

NOTE: Assistance will be provided to help students meet the educational competency in Reading.

OPEN TO: 11-12

READING STRATEGIES 1 - Foundations. First or Second Semester**Course No. 2974**

TOTAL IN-CLASS TIME: 5 MODS. CREDITS: 5. GROUP: 1.

Reading Strategies - Foundations is a reading intervention course designed for students who are reading at the 3rd- or 4th grade levels. This course teaches word decoding and common letter-sound correspondence. Word analysis skills are taught to promote accuracy in word recognition.

PREREQUISITE: Enrollment determined by test scores and by recommendation of reading specialist and IEP team.

OPEN TO: 9-12

READING STRATEGIES 2 - Adventures. First or Second Semester**Course No. 2975**

TOTAL IN-CLASS TIME: 5 MODS. CREDITS: 5. GROUP: 1.

Reading Strategies - Adventures is a reading intervention course designed for students who are reading at the 4th- to 6th grade levels. This course builds on students' word analysis competencies to improve their ability to recognize and define high-frequency words. It also focuses on developing their oral reading fluency and core vocabulary skills.

PREREQUISITE: Enrollment determined by test scores and by recommendation of reading specialist and IEP team.

OPEN TO: 9-12

READING STRATEGIES 3 - Mastery. First or Second Semester**Course No. 2976**

TOTAL IN-CLASS TIME: 5 MODS. CREDITS: 5. GROUP: 1.

Reading Strategies -Mastery is a reading intervention course designed for students who are reading at the 6th- to 8th grade levels. Building on student's fluency and understanding of basic language concepts, this course utilizes reading, writing, speaking, and listening activities to broaden their vocabulary and expand their background knowledge and comprehension skills.

PREREQUISITE: Enrollment determined by test scores and by recommendation of reading specialist and IEP team.

OPEN TO: 9-12

READING WORKSHOP 1. Full Year**Course No. 2941**

TOTAL IN-CLASS TIME: 1 mods. CREDITS: 1. GROUP 1.

EACH STUDENT WILL:

1. Concentrate on key reading skills to improve reading comprehension and vocabulary recognition in both school text and other reading selections.
2. Improve ability to recognize sentence meaning, find main ideas, summarize, paraphrase, and make text-based inferences.
3. Refine and increase critical reading strategies.
4. Continue to work toward reading competency.

NOTE 1: Must also be enrolled in English 1 (Course No. 2942 & 2943)

NOTE 2: If student is enrolled in English 1 (any course number) and Reading Strategies 1, 2, or 3, then student does not need to be enrolled in Reading Workshop.

PREREQUISITE: Enrollment determined by test scores and by recommendation of reading specialist and English Department Chair.

OPEN TO: 9

SPEECH A. Full Year**Course No. 2903**

TOTAL IN-CLASS TIME: 1 mod. CREDIT: 1. GROUP:1.

EACH STUDENT WILL:

1. Develop language and communication skills.

NOTE: This is a pre-creative/expressive proficiency course.

PREREQUISITE: Each student admitted according to needs on the Individualized Education Plan.

OPEN TO: 9-12.

SPEECH B. Full Year**Course No. 2904**

TOTAL IN-CLASS TIME: 1 mod. CREDIT: 1. GROUP:1.

EACH STUDENT WILL:

1. Develop social communication skills.

NOTE:This is a pre-creative/expressive proficiency course.

PREREQUISITE: Each student admitted according to needs on the Individualized Education Plan.

OPEN TO: 9-12.

SPEECH C. Full Year**Course No. 2905**

TOTAL IN-CLASS TIME: 1 mod. CREDIT: 1. GROUP:1.

EACH STUDENT WILL:

1. Develop speech language skills scheduled individually.

NOTE:This is a pre-creative/expressive proficiency course.

PREREQUISITE: Each student admitted according to needs on the Individualized Education Plan.

OPEN TO: 9-12.

VOCATIONAL MATH APPLICATIONS. Full Year.**Course No. 2946**

TOTAL IN-CLASS TIME: 5 mods. CREDITS: 5. GROUP: 1.

EACH STUDENT WILL:

1. Develop functional math skills.
2. Develop applied math skills as they relate to everyday situations.
3. Develop math calculation skills such as: measurement, fractions, percentages & decimals; understanding tables, charts, and graphs; basic money skills, budgeting & banking concepts.
4. Attend a weekly callback mod to receive additional assistance as needed.

PREREQUISITE: Parent permission following referral and educational recommendation of the IEP team.

Intended for students who participate in a modified curriculum or the State Alternate Assessment.

OPEN TO: 9-12

WORLD LANGUAGES

Course	Semester	Credit	Group	Open To
French 1	Full Year	5	3	9-10-11-12
French 2	Full Year	5	3	9-10-11-12
French 3	Full Year	5	3	10-11-12
French 4 Honors	Full Year	4	4	11-12
French 5 Honors	Full Year	4	5	12
German 1	Full Year	5	3	9-10-11-12
German 2	Full Year	5	3	9-10-11-12
German 3	Full Year	5	3	10-11-12
German 4 Honors	Full Year	4	4	11-12
German 5 Honors	Full Year	4	5	12
German 5 AP	Full Year	5	5	12
Latin 1	Full Year	5	3	9-10-11-12
Latin 2	Full Year	5	3	10-11-12
Latin 3	Full Year	5	4	11-12
Latin 4 Honors	Full Year	4	4	12
Latin AP	Full Year	5	5	12
Spanish 1	Full Year	5	3	9-10-11-12
Spanish 2	Full Year	5	3	9-10-11-12
Spanish 3	Full Year	5	3	10-11-12
Spanish 4 Honors	Full Year	4	4	11-12
Spanish 5 Honors	Full Year	4	5	11-12
Spanish 5 AP	Full Year	5	5	12
Spanish for Native Speakers	Full Year	5	4	9-10-11-12

All World Language courses meet the Global/Multicultural requirement for graduation. However, a student may not use the same World Language Course to satisfy the World Language requirement and the Global/Multicultural requirement.

Most universities require a minimum of 2 years of study of the same world language taken in high school to enter their programs. There are a growing number of university programs that require 4 years of language study prior to earning an undergraduate degree. We highly recommend students take the maximum number of language courses at the high school level in order to satisfy college entrance requirements and to move forward in their intended programs. Successful completion of levels 5H (or Latin 4H) and/or AP often will enable students to waive prerequisites or earn college credits.

Seniors in a level 4 or 5 language course may take an exam to qualify to earn the Seal of Biliteracy. The Seal of Biliteracy is an award given by Westside Community Schools in recognition of students who have studied and attained proficiency in two or more languages by high school graduation. This award takes the form of a seal that appears on the transcript of the graduating senior and is a statement of accomplishment for future employers and for college admissions.

FRENCH I. Full Year**Course No. 1315**

TOTAL IN-CLASS TIME: 6 mods. CREDITS: 5. GROUP: 3.

EACH STUDENT WILL:

1. Study vocabulary and structures to understand simple French.
2. Practice speaking, listening, reading and writing in the language.
3. Receive an introduction to the people and culture of France and the francophone world.
4. Demonstrate written and oral proficiency in the language.

PREREQUISITE: Grade of C or better in English. Intended for students who have had no prior experience with the French language, but are motivated learners.

OPEN TO: 9-12

FRENCH 2. Full Year**Course No. 1317**

TOTAL IN-CLASS TIME: 5 mods. CREDITS: 5. GROUP: 3.

EACH STUDENT WILL:

1. Continue to develop proficiency.
2. Continue to apply new structures and vocabulary to authentic situations.
3. Study France and the French speaking world.
4. Demonstrate proficiency in short compositions.
5. Demonstrate written and oral proficiency in the language.

PREREQUISITE: A placement exam will be administered to incoming students and a recommendation for placement in Level 1 or 2 will be made accordingly.

OPEN TO: 9-12

FRENCH 3. Full Year**Course No. 1318**

TOTAL IN-CLASS TIME: 5 mods. CREDITS: 5. GROUP: 3.

EACH STUDENT WILL:

1. Learn more advanced vocabulary and structures for application in writing and conversation.
2. Demonstrate proficiency in dialogues and longer compositions.
3. Demonstrate written and oral proficiency in the language.

PREREQUISITE: Grade of C or better in French 2.

OPEN TO: 10-12

FRENCH 4 (H). Full Year**Course No. 1319**

TOTAL IN-CLASS TIME: 5 mods. CREDITS: 4. GROUP: 4.

EACH STUDENT WILL:

1. Develop conversational vocabulary and apply it in oral presentations, interviews, and expression of opinion.
2. Learn advanced grammar concepts and improve writing skills.
3. Read and discuss one 20th century literary work.
4. Demonstrate written and oral proficiency in the language.
5. Develop an awareness of major historical events and artistic movements, from the pre-historic to the present, that have shaped French civilization.

PREREQUISITE: Grade of C or better in French 3.

OPEN TO: 11-12

FRENCH 5 (H). Full Year**Course No. 1320**

TOTAL IN-CLASS TIME: 4 mods. CREDITS: 4. GROUP: 5.

EACH STUDENT WILL:

1. Expand ability to speak French through class participation and oral presentations.
2. Expand ability to understand spoken French in various conversational situations.
3. Express ideas in written French compositions or letter writing.
4. Discuss contemporary French life/issues presented in current magazines and newspapers.
5. Read at least one major literary work.
6. Demonstrate written and oral proficiency in the language.

Students who wish to prepare for college level placement exams will be required to do additional outside preparation.

Improve personal language abilities in a variety of areas of your choosing.

PREREQUISITE: Grade of C or better in French 4 Honors.

OPEN TO: 12

GERMAN 1. Full Year**Course No. 1335**

TOTAL IN-CLASS TIME: 6 mods. CREDITS: 5. GROUP: 3.

EACH STUDENT WILL:

1. Learn vocabulary and basic structures to use in simple conversation and writing.
2. Practice speaking, listening, reading, and writing German.
3. Develop a basic understanding of the culture and geography of German-speaking countries.
4. Demonstrate written and oral proficiency in the language.

PREREQUISITE: Grade of C or better in English. Intended for students who have had no prior experience with the German language and are motivated learners.

OPEN TO: 9-12

GERMAN 2. Full Year**Course No. 1337**

TOTAL IN-CLASS TIME: 5 mods. CREDITS: 5. GROUP: 3.

EACH STUDENT WILL:

1. Learn additional vocabulary and more complex grammar for use in oral and written communication.
2. Further develop an understanding of the geography and culture of German speaking countries.
3. Demonstrate written and oral proficiency in the language.

PREREQUISITE: A placement exam will be administered to incoming students and a recommendation for placement in Level 1 or 2 will be made accordingly.

OPEN TO: 9-12

GERMAN 3. Full Year**Course No. 1338**

TOTAL IN-CLASS TIME: 5 mods. CREDITS: 5. GROUP: 3.

EACH STUDENT WILL:

1. Learn additional vocabulary and more complex grammar for use in oral and written communication.
2. Further develop an understanding of the geography and culture of German speaking countries.
3. Continue to study German culture and civilization through various media.
4. Participate in group projects.
5. Demonstrate written and oral proficiency in the language.

PREREQUISITE: Grade of C or better in German 2.

OPEN TO: 10-12

GERMAN 4 (H). Full Year**Course No. 1339**

TOTAL IN-CLASS TIME: 5 mods. CREDITS: 4. GROUP: 4.

EACH STUDENT WILL:

1. Make the transition to learning the language from authentic literary materials.
2. Read a variety of contemporary and classic short stories.
3. Develop speaking skills through class discussion and oral presentations.
4. Acquire a broader knowledge of German history and culture.
5. Increase writing ability through frequent practice.
6. Demonstrate written and oral proficiency in the language.

PREREQUISITE: Grade of C or better in German 3.

OPEN TO: 11-12

GERMAN 5 (H). Full Year**Course No. 1340**

TOTAL IN-CLASS TIME: 4 mods. CREDITS: 4. GROUP: 5.

EACH STUDENT WILL:

1. Increase vocabulary, apply advanced grammatical structures, and expand communication skills.
2. Present projects orally on facets of German life, culture, and current events.
3. Demonstrate written and oral proficiency in the language.
4. Develop listening comprehension and speaking skills through discussions and summarizing a telenovela and two radio plays.
5. Increase reading comprehension with texts such as news and magazine articles and stories.

PREREQUISITE: Grade of C or better in German 4 Honors.

OPEN TO: 12

GERMAN 5 AP. Full Year**Course No. 1330**

TOTAL IN-CLASS TIME: 5 mods. CREDITS: 5. GROUP: 5.

This is German 5 Honors with an additional mod per week for students preparing for the Advanced Placement German Language Exam.

PREREQUISITE: Grade of C or better in German 4 Honors.

OPEN TO: 12

LATIN 1. Full Year**Course No. 1367**

TOTAL IN-CLASS TIME: 5 mods. CREDITS: 5. GROUP: 3.

EACH STUDENT WILL:

1. Develop the ability to read and write easy Latin.
2. Improve reading and writing skills in the English language through acquisition of vocabulary and language structure concepts.
3. Enlarge English vocabulary with Latin derivatives.
4. Study Greek and Roman mythology and culture.
5. Demonstrate written proficiency in the language.

PREREQUISITE: Grade of C or better in English.

OPEN TO: 9-12

LATIN 2. Full Year**Course No. 1368**

TOTAL IN-CLASS TIME: 5 mods. CREDITS: 5. GROUP: 3.

EACH STUDENT WILL:

1. Review and continue the study of Latin grammar.
2. Study extensively the vocabulary and history of the ancient Romans and Greeks.
3. Write a biography of a Roman historical figure.
4. Demonstrate written proficiency in the language.

PREREQUISITE: Grade of C or better in Latin 1.

OPEN TO: 10-12

LATIN 3. Full Year**Course No. 1369**

TOTAL IN-CLASS TIME: 5 mods. CREDITS: 5. GROUP: 4.

EACH STUDENT WILL:

1. Complete study of Latin grammar.
2. Review and expand knowledge of vocabulary and English derivatives.
3. Demonstrate written proficiency by completing a research paper on a topic related to the material being studied.

PREREQUISITE: Grade of C or better in Latin 2.

OPEN TO: 11-12

LATIN 4 (H). Full Year**Course No. 1370**

TOTAL IN-CLASS TIME: 4 mods. CREDITS: 4. GROUP: 4.

EACH STUDENT WILL:

1. Translate authentic selections from ancient Roman authors.
2. Review and expand knowledge of Latin grammar, vocabulary, and culture.
3. Demonstrate written proficiency by completion of a paper on an assigned topic.

PREREQUISITE: Grade of C or better in Latin 3.

OPEN TO: 12

LATIN 4 AP. Full Year**Course No. 1380**

TOTAL IN-CLASS TIME: 5 mods. CREDITS: 5. GROUP: 5.

EACH STUDENT WILL:

1. Translate all selections on A.P. syllabus.
2. Review and expand knowledge of Latin grammar, vocabulary, and culture.
3. Demonstrate written proficiency by completion of a paper on an assigned topic.

Note: AP students must be concurrently enrolled in Latin 4 Honors.

PREREQUISITE: Grade of B or better in Latin 3.

OPEN TO: 12

SPANISH 1. Full Year**Course No. 1355**

TOTAL IN-CLASS TIME: 6 mods. CREDITS: 5. GROUP: 3.

EACH STUDENT WILL:

1. Learn vocabulary and structures to use in simple conversations and in writing.
2. Practice speaking, listening, reading, and writing in Spanish.
3. Develop an awareness of Hispanic culture and geography.
4. Read and discuss cultural concepts of Mexico.
5. Demonstrate written and oral proficiency in the language.

PREREQUISITE: Grade of C or better in English. Intended for students who have had no prior experience with the Spanish language and are motivated learners.

OPEN TO: 9-12

SPANISH 2. Full Year**Course No. 1357**

TOTAL IN-CLASS TIME: 5 mods. CREDITS: 5. GROUP: 3.

EACH STUDENT WILL:

1. Review vocabulary, verbs, grammar, and idioms studied.
2. Expand language fluency and knowledge of Hispanic cultures of the Caribbean.
3. Practice composition to reinforce written fluency.
4. Demonstrate written and oral proficiency in the language.

PREREQUISITE: A placement exam will be administered to incoming students and a recommendation for placement in Level 1 or 2 will be made accordingly.

OPEN TO: 9-12

SPANISH 3. Full Year**Course No. 1358**

TOTAL IN-CLASS TIME: 5 mods. CREDITS: 5. GROUP: 3.

EACH STUDENT WILL:

1. Review vocabulary, verbs, grammar, and idioms previously studied.
2. Practice and develop speaking and listening skills through a variety of activities.
3. Gain a broader knowledge of the culture and heritage of Latin America and Spain.
4. Develop reading skills in Spanish.
5. Demonstrate written and oral proficiency in the language.

PREREQUISITE: Grade of C or better in Spanish 2.

OPEN TO: 10-12

SPANISH 4 (H). Full Year**Course No. 1359**

TOTAL IN-CLASS TIME: 5 mods. CREDITS: 4. GROUP: 4.

EACH STUDENT WILL:

1. Gain confidence for self-expression in written and oral use of the language.
2. Increase reading comprehension and interpretive skills.
3. Gain a broader knowledge of the culture and heritage of Latin America and Spain.
4. Gain a broader knowledge of Spanish culture and heritage of the South American population.
5. Demonstrate proficiency in writing, reading, listening, and speaking in the language.

PREREQUISITE: Grade of C or better in Spanish 3.

OPEN TO: 11-12

SPANISH 5 (H). Full Year**Course No. 1360**

TOTAL IN-CLASS TIME: 4 mods. CREDITS: 4. GROUP: 5.

EACH STUDENT WILL:

1. Increase vocabulary, apply grammatical structures, and expand communications skills.
2. Gain a knowledge of the life, culture and contributions of the Hispanic population in the U.S.
3. Present projects orally on facets of Hispanic life, culture, and current events.
4. Demonstrate proficiency in writing, reading, listening, and speaking in the language.

PREREQUISITE: Grade of C or better in Spanish 4 Honors.

OPEN TO: 11-12

SPANISH 5 AP. Full Year**Course No. 1350**

TOTAL IN-CLASS TIME: 5 mods. CREDITS: 5. GROUP: 5.

This is Spanish 5 Honors with an additional mod per week for those students who wish to prepare for the Advanced Placement Spanish Language Exam.

NOTE: Dual enrollment option is available.

PREREQUISITE: Grade of B or better in Spanish 4 Honors.

OPEN TO: 12

SPANISH FOR NATIVE SPEAKERS. Full Year**Course No. 1350**

TOTAL IN-CLASS TIME: 5 mods. CREDITS: 4. GROUP: 4.

EACH STUDENT WILL:

1. Develop and improve their ability to express their ideas in written Spanish.
2. Demonstrate their ability to comprehend written Spanish and to determine the meaning of vocabulary by using context.
3. Use developmentally appropriate reading strategies to understand printed and non-printed text.
4. Read, analyze, and discuss varying topics within the themes of history, geography, culture and literature.

NOTE: This class may be taken concurrently with another Spanish course, such as Spanish 4H or Spanish 5H/ AP, as well as taken up to three years. Each year will correspond with the level.

PREREQUISITE: This course is for students who are heritage speakers of Spanish. An oral interview and placement test will be administered to incoming students and a recommendation will then be made accordingly.

OPEN TO: 9-12

ENGLISH LEARNERS

ENGLISH LEARNERS INTENSIVE. Full Year

Course No. 1384

TOTAL IN-CLASS TIME: 15 mods. CREDITS: Maximum of 5. GROUP: 3.

This course has been designed as an intensive immersion into American culture, education and English. Basic interpersonal communication skills and strategies for learning will be the focus of this course.

EACH STUDENT WILL:

1. Develop basic listening/comprehension skills in English.
2. Develop appropriate speaking skills in English. (Articulation, intonation and stress, prosody, eye contact, volume, poise and gesture.)
3. Develop basic English language skills. (Vocabulary, syntax, grammar, pragmatics)
4. Develop basic reading and writing skills in English.
5. Participate in activities designed to familiarize the student with American culture and common practices within the school and community.

PREREQUISITE: This course is for students whose native language is not English and who have scored a Non-English Speaking, Non-English Reading, or Non-English Writing designation on formal EL assessments.

OPEN TO: 9-12

ENGLISH LEARNERS 1. Full Year

Course No. 1385

TOTAL IN-CLASS TIME: 10 mods. CREDITS: Maximum of 5. GROUP: 3.

This course has been designed for students who have limited English proficiency skills in any of the areas of English listening, speaking, reading, and writing. This ELL course and its objectives are aligned with the Nebraska ELP Standards.

EACH STUDENT WILL RECEIVE SUPPORT AND/OR INSTRUCTION IN:

1. Constructing meaning from oral presentations and literary and informational text through grade-appropriate listening, reading, and viewing.
2. Grade-appropriate oral and written exchanges of information, ideas, and analyses; responding to peer, audience, or reader comments and questions.
3. Speaking and writing about grade-appropriate complex literary and informational texts and topics.
4. Constructing grade-appropriate oral and written claims, and supporting them with reasoning and evidence.
5. Conducting research; evaluating and communicating findings to answer questions or solve problems.
6. Analyzing and critiquing the arguments of others, orally and in writing.
7. Adapting language choices to purpose, task, and audience when speaking and writing.
8. Determining the meaning of words and phrases in oral presentations, and in literary and informational text.
9. Creating clear and coherent grade-appropriate speech and text.
10. Making accurate use of standard English to communicate in grade-appropriate speech and writing.

PREREQUISITE: This course is for students whose English language is limited and who have scored a Limited-English Speaking, Limited-English Reading, and/or Limited-English Writing designation on formal EL assessments.

OPEN TO: 9-12

ENGLISH LEARNERS 2. Full Year**Course No. 1386**

TOTAL IN-CLASS TIME: 5 mods. CREDITS: Maximum of 5. GROUP: 3.

This course has been designed for students who have limited English proficiency skills in any of the areas of English listening, speaking, reading, and writing. This EL course and its objectives are aligned with the Nebraska ELP Standards.

EACH STUDENT WILL RECEIVE SUPPORT AND/OR INSTRUCTION IN:

1. Constructing meaning from oral presentations and literary and informational text through grade-appropriate listening, reading, and viewing.
2. Grade-appropriate oral and written exchanges of information, ideas, and analyses; responding to peer, audience, or reader comments and questions.
3. Speaking and writing about grade-appropriate complex literary and informational texts and topics.
4. Constructing grade-appropriate oral and written claims, and supporting them with reasoning and evidence.
5. Conducting research; evaluating and communicating findings to answer questions or solve problems.
6. Analyzing and critiquing the arguments of others, orally and in writing.
7. Adapting language choices to purpose, task, and audience when speaking and writing.
8. Determining the meaning of words and phrases in oral presentations, and in literary and informational text.
9. Creating clear and coherent grade-appropriate speech and text.
10. Making accurate use of standard English to communicate in grade-appropriate speech and writing.

PREREQUISITE: This course is for students whose English language is limited and who have scored a Limited-English Speaking, Limited-English Reading, and/or Limited-English Writing designation on formal EL assessments.

OPEN TO: 9-12

ENGLISH LEARNERS 3. Full year**Course No. 1387**

TOTAL IN-CLASS TIME: 3 mods. CREDITS: Maximum of 3. GROUP: 3.

This course has been designed for students who have limited English proficiency skills in any of the areas of English listening, speaking, reading, and writing. This EL course and its objectives are aligned with the Nebraska ELP Standards.

EACH STUDENT WILL RECEIVE SUPPORT AND/OR INSTRUCTION IN:

1. Constructing meaning from oral presentations and literary and informational text through grade-appropriate listening, reading, and viewing.
2. Grade-appropriate oral and written exchanges of information, ideas, and analyses; responding to peer, audience, or reader comments and questions.
3. Speaking and writing about grade-appropriate complex literary and informational texts and topics.
4. Constructing grade-appropriate oral and written claims, and supporting them with reasoning and evidence.
5. Conducting research; evaluating and communicating findings to answer questions or solve problems.
6. Analyzing and critiquing the arguments of others, orally and in writing.
7. Adapting language choices to purpose, task, and audience when speaking and writing.
8. Determining the meaning of words and phrases in oral presentations, and in literary and informational text.
9. Creating clear and coherent grade-appropriate speech and text.
10. Making accurate use of standard English to communicate in grade-appropriate speech and writing.
11. Making accurate use of standard English to communicate in grade-appropriate speech and writing.

PREREQUISITE: This course is for students whose English language is limited and who have scored a Limited-English Speaking, Limited-English Reading, and/or Limited-English Writing designation on formal EL assessments.

OPEN TO: 9-12

ENGLISH LEARNERS 4. Full Year**Course No. 1388**

TOTAL IN-CLASS TIME: 1 mods. CREDITS: 1. GROUP: 3.

This course has been designed for students who have limited English proficiency skills in any of the areas of English listening, speaking, reading, and writing. This EL course and its objectives are aligned with the Nebraska ELP Standards.

EACH STUDENT WILL RECEIVE SUPPORT AND/OR INSTRUCTION IN:

1. Constructing meaning from oral presentations and literary and informational text through grade-appropriate listening, reading, and viewing.
2. Grade-appropriate oral and written exchanges of information, ideas, and analyses; responding to peer, audience, or reader comments and questions.
3. Speaking and writing about grade-appropriate complex literary and informational texts and topics.
4. Constructing grade-appropriate oral and written claims, and supporting them with reasoning and evidence.
5. Conducting research; evaluating and communicating findings to answer questions or solve problems.
6. Analyzing and critiquing the arguments of others, orally and in writing.
7. Adapting language choices to purpose, task, and audience when speaking and writing.
8. Determining the meaning of words and phrases in oral presentations, and in literary and informational text.
9. Creating clear and coherent grade-appropriate speech and text.
10. Making accurate use of standard English to communicate in grade-appropriate speech and writing.

PREREQUISITE: This course is for students whose English language is limited and who have scored a Limited-English Speaking, Limited-English Reading, and/or Limited-English Writing designation on formal EL assessments.

OPEN TO: 9-12

INDEPENDENT STUDY

Course	Semester	Credit	Group	Open To
Independent Study	1 or 2 or both	1-3	NA	10-11-12

INDEPENDENT STUDY COURSE

Course No. 2005

1. Independent study is student-initiated major projects on an optional and voluntary basis.
2. Independent study is available within each department.
3. Variable credits are available for independent study. Projects may be initiated for one to three hours credit per semester.
4. Teachers serve as academic advisors for students working on projects. Additional resource people as necessary may be secured from within or without the school.
5. Independent study projects have:
6. specific written objectives.
7. deadlines for completion.
8. a recommendation for amount of credit to be awarded if successfully completed.
9. objectives developed by the student and advisor cooperatively.
10. periodic project discussions.
11. Projects will be graded Pass, Fail, or Incomplete.
12. The project credit allocation is reviewed by the department chair of the Independent Study subject area and the Principal or Assistant Principal.
13. Course may not be taken to meet minimum class load requirements.
14. Students desiring to register for Independent Study may register with their counselor.

PREREQUISITE: Approved by Assistant Principal, teacher, and counselor.

OPEN TO: 10-12

Discrimination, Harassment and Retaliation are Prohibited



Westside Community Schools does not discriminate on the basis of sex, sexual orientation, race, color, national origin, religion, disability, age, marital/parental status, military/veteran status or any other category protected by law in its programs and activities or in admission or access to, or treatment in, hiring and employment, and provides equal access to the Boy Scouts and other designated youth groups. Retaliation for reporting discrimination or harassment or for participating in an investigation is also prohibited.

If you have concerns, we need you to SHARE them with someone. You can contact the building principal, a dean, counselor or any building administrator, or your supervisor, or you can contact one of the Title IX Coordinators listed below. In no event are you required to make the report to the person about whom you have the concern. You may (but are not required to) fill out a **Report of Concern Form** (available on the District website or from the Title IX Coordinators).

Title IX Coordinators are here to answer your questions about our non-discrimination policies and procedures and how to raise a concern. They are:

For questions/concerns by students, parents or others:

**Coordinator of Student Services
(Title IX Coordinator)**
ABC Building - 909 South 76th Street
Omaha, Nebraska 68114
(402) 390-2100
titleixcoordinator@westside66.net

For questions by District employees or applicants:

**Assistant Superintendent for HR
(Lead Title IX Coordinator)**
ABC Building - 909 South 76th Street
Omaha, Nebraska 68114
(402) 390-2100
titleixcoordinatorHR@westside66.net

Board Policy 5330 "Equal Educational Opportunity and Nondiscrimination" contains information for students and parents about harassment and discrimination.

Board Policy 4210 "Equal Opportunity and Nondiscrimination in Employment" contains information for employees and applicants about harassment and discrimination.

For further information about anti-discrimination laws or to file a complaint of discrimination you may also contact the Office for Civil Rights (OCR), U.S. Dept. of Education, One Petticoat Lane, 1010 Walnut Street, 3rd Floor, Suite 320, Kansas City, MO 64106, Telephone (816) 268-0550, Fax (816) 268-0599, (TDD) (800) 877-8339, or Email ocr.kansascity@ed.gov.

CENTER FOR ADVANCED PROFESSIONAL STUDIES (CAPS)

The CAPS program is focused on active, personalized, and relevant professional experiences for students. The goals of the CAPS program are to engage students in (1) Career Education: to explore and expand their knowledge and skills; (2) Career Readiness: to develop self-awareness and transference of professional and leadership skills; and (3) Transition: to postsecondary education and/or the workforce.

Students will experience CAPS activities through group guidance during freshman and sophomore years. This will include exploring career fields of interest, guest speakers, and other activities. Freshman and Sophomore students will also be guided to take both elective and core courses related to areas of interest.

Students who wish to continue with CAPS can participate in CAPS Inquiry as juniors. Inquiry will provide more in-depth career exploration, possible job shadow activities, and work-based learning. Senior year, CAPS students can elect to take CAPS Seminar. CAPS Seminar will involve learning in a professional and/or post-secondary educational setting. Seminar may involve professional mentorship/internship experiences, employment certification attainment, or other education or work-based opportunities.

CAPS INQUIRY. First or Second Semester, or Full Year

Course No. 2840

TOTAL IN-CLASS TIME: 2 mods. CREDITS: 2. GROUP: 2

EACH STUDENT WILL:

1. Utilize personal surveys to analyze personal strengths, interests, and related career areas.
2. Describe fundamental concepts and terminology related to a career area of interest.
3. Utilize critical thinking, problem-solving, and research to analyze issues and strategies in the chosen career area.
4. Explore industry and career opportunities by interacting with professionals, speaker presentations, site visits and possible job shadows.
5. Investigate professional responsibilities as well as aptitude and academic requirements for a variety of careers.

PREREQUISITE: None

OPEN TO: 11

CAPS SEMINAR. First or Second Semester, or Full Year

Course No. 2841

TOTAL IN-CLASS TIME: 4 mods. CREDITS: 4. GROUP: 4

EACH STUDENT WILL:

1. Strengthen industry related knowledge through advanced level content that may include dual enrollment, early college entry at a post-secondary institution.
2. Engage in an authentic workplace experience through job shadows, internships, and/or career mentoring related to a career field of interest to the student.
3. Develop professional and technical skills required through engagement in hands-on, profession-based learning such as simulations and real world experiences.
4. Conference with the CAPS coordinator and/or employer on the quality of his/her performance, attitude, initiative, and other employment related expectations.
5. Enhance professionalism skills necessary for transition from high school to post-secondary education and/or work.
6. Actively engage in learning about selected career field(s) via personalized methods.

Maintain good standing with respect to WHS Student Code of Conduct.

PREREQUISITE: None

OPEN TO: 12