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DISTRICT ADMINISTRATION

JEFF CRAIG, EdD ............................ Superintendent 630-301-5100
BRENT RABY, EdD ........................ Assistant Superintendent of Teaching and Learning 630-301-5071
MARTI NEAHRING .......................... Executive Director of Student & Family Services 630-301-5029
ELIZABETH WENDEL ...................... Executive Director of Secondary Education 630-301-5035
JENNIFER HERMAN ....................... Director of Special Education 630-301-5082
MICHIELLE JONES .......................... Director of Instructional Technology 630-301-5085
MARIA LOZANO ............................. Director of English Learners 630-301-5077
JAMIE MAX, EdD ......................... Director of Secondary Teaching and Learning 630-301-5081
VALERIE MCCALL, EdD................. Director of Educational Equity 630-301-5108
MARK SIENIERSKI ......................... Assistant Director of High School Special Education 630-301-5595

HIGH SCHOOL ADMINISTRATION

CHUCK HISCOCK, EdD .................. Principal 630-301-5510
ERICA KEARISE .......................... Assistant Principal-Student Activities 630-301-5517
WHITNEY MARTINO, EdD .......... Assistant Principal of Teaching & Learning 630-301-5531
RON MURPHY ......................... Assistant Principal of Building & Operations 630-301-5551
DAVE SALLY ................. Assistant Principal of Student Services 630-301-5581
JASON BUCKLEY .................. Athletic Director 630-301-5580
DEMETRICE STEPHENS ....... Assistant Director of Extracurricular & Student Engagement 630-301-5580

CURRICULUM COORDINATORS

BRIAN VET ................................. CTE 630-801-6892
CHRISTINE ANDERSON, EdD .... English Learners 630-301-6564
KATIE WOOD ............................ English (9-12) 630-301-6563
JONATHAN MCLEAR ................. Fine Arts 630-301-6555
ELAINE DIVELEY ........ World Languages 630-301-6559
HEATHER WICKEY .............. Mathematics (9-12) 630-301-6565
TODD GINGERICH .............. PE/Health/Dr. Ed 630-301-6562
DAVID ALLEN ...................... Science 630-301-5237
SARA TURNER .......................... Social Studies 630-301-6561

DEAN OF STUDENTS

DAN RYMARZ ......................... (A-Con) 630-301-5516
BILL STANLEY .................. (Coo-Gre) 630-301-5555
DAVID EARLY .................. (G-Ma) 630-301-5605
PATRICK ESCHMAN .......... (Mb-Rod) 630-301-5657
JENNIFER LEGRIS ......... (Roe-Z) 630-301-5659

COUNSELORS

STEVE JOHN ....................... Lead Counselor/Private Placement & Alternative Programs 630-301-5575
JASON KAISER .................... (A-Bq) 630-301-5584
TRICIA RODGERS ............... (Br-Con & SC) 630-301-5574
ABGAIL FITTERS .......... (Coo-F) 630-301-5625
KIM ORCHARD ................. (G-Gre & EL) 630-301-5576
AMY WINSLOW ................. (Grl-J) 630-301-5573
STEVE JANCA .................... (K-Ma) 630-301-5572
ERIN VAN DER VEEN ...... (Ab-Pai) 630-301-5578
JACKIE BAKER ................. (Bag-Rod) 630-301-5571
MEGHAN COCHRAN ......... (Roe-Ya) 630-301-5579
RYAN GATBUNTON ............ (Tb-Z) 630-301-5577
West Aurora High School is one of the leading public high schools in Illinois. It enjoys a long-standing reputation for excellence in academic achievement. Our students are exposed to challenging subject matter in both academic and vocational courses. In order to make the most of the educational opportunities offered at West High School, we urge students and parents to make a four-year educational plan that includes the student's plans and goals before the student enters the freshman year. During the high school years, we recommend that parents and students examine and evaluate their initial plans to accommodate changes in the student’s interest and future plans.

The West High School staff has developed this Curriculum Guide to aid parents and students in their planning efforts throughout the high school years. We urge parents and students to read and become familiar with the information included here. The guidance department is an excellent source of information about college and vocational requirements, the overall curriculum, and the registration process. Entering freshman students and parents should also consult their middle school teachers and counselors when making course selections for their ninth-grade year.

INTRODUCTION

CURRICULUM REGISTRATION GUIDELINES

West Aurora High School conducts pre-registration in the winter following the completion of the first semester. Students select courses for the next year with input from teachers, guidance counselors, and parents. West High mails a listing of the courses selected by each student to their parents in late March. Parents review the course selections and contact their student’s counselor if there are any errors. The guidance staff will make all corrections and updates prior to the start of the scheduling process. Parents and students should consider the course schedule developed during the pre-registration as final.

DEFINITION OF TERMS

CREDIT
A measure of school achievement. A student earns one-half credit by passing a semester-long course. Students must complete at least 22 credits to graduate from West Aurora High School. Typically, students enroll in seven courses each semester and therefore have the opportunity to earn three and one-half credits per semester and seven per year.

ELECTIVE
An elective course, which does not necessarily meet a specific graduation requirement.

PREREQUISITE
A condition a student must meet in order to enroll in the next course in a series of courses.

REQUIRED COURSE
A course a student must pass in order to graduate.

SEQUENTIAL
The order in which students take courses.

STUDENT CLASSIFICATION

West High classifies students as 9th, 10th, 11th, and 12th graders. The standards for classification are as follows:

9th GRADE: Entering from 8th grade or students with less than 5 credits
10th GRADE: 5 through 9.5 credits earned
11th GRADE: 10 through 15.5 credits earned
12th GRADE: Minimum of 16 credits

West High classifies students at the end of the spring semester. Students who attend summer school may be reclassified prior to the start of the fall semester.

COURSE TITLE KEY

Y: Year-long course  F: Fall semester course  S: Spring semester course  N: NCAA approved course

NCAA ELIGIBILITY COURSES

The NCAA (National Collegiate Athletic Association) approves certain courses for establishing initial eligibility of student-athletes. Courses marked with the N symbol are NCAA approved core courses.

DUAL CREDIT OFFERINGS

Academically qualified students have the opportunity to enroll in college-level dual credit courses. In partnership with Waubonsee Community College, West Aurora High School offers a wide variety of courses to jump-start their education and complete entry-level general education, elective, or career and technical college credit work. Courses are listed throughout the catalog organized by department.
GRADING SCALE

West High staff uses the following letter grades to report progress to parents at the end of each quarter and semester:

<table>
<thead>
<tr>
<th>Grade</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>Excellent</td>
</tr>
<tr>
<td>B</td>
<td>Good</td>
</tr>
<tr>
<td>C</td>
<td>Average</td>
</tr>
<tr>
<td>D</td>
<td>Poor</td>
</tr>
<tr>
<td>F</td>
<td>Failure/no credit earned</td>
</tr>
</tbody>
</table>

Occasionally, the mark, “I” (incomplete) is used. This mark indicates that the student’s work is not complete. Teachers only use this mark in instances when the student has been unable to meet course requirements due to circumstances beyond the student’s control. The mark automatically becomes an “F” if the student does not complete the missing coursework within two weeks after the end of the semester. The student’s teacher can request an extension of the two-week time period.

GRADE POINT AVERAGE

The grade point average (GPA) is an average of all grades received for all classes taken with the exception of Pass/Fail options, which are not counted in the GPA. Each letter grade has a point value:

<table>
<thead>
<tr>
<th>Grade</th>
<th>Points</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>4.0</td>
</tr>
<tr>
<td>B</td>
<td>3.0</td>
</tr>
<tr>
<td>C</td>
<td>2.0</td>
</tr>
<tr>
<td>D</td>
<td>1.0</td>
</tr>
<tr>
<td>F</td>
<td>0.0</td>
</tr>
</tbody>
</table>

To determine the GPA, add the number of points earned for each letter grade and divide the total by the number of classes taken. (Do not count a course in which a Pass “P” grade is recorded.)

PASS/FAIL POLICY

The only classes offered with a Pass/Fail option are CTE, PE, Driver’s Education, and Fine Arts. A Pass/Fail ruling may be earned if the student earns the equivalent of an “A”, “B”, or “C”. If a “D” or “F” is earned, the letter grade will be recorded. Students must return a signed form within the first 7 days of the semester to their teacher. Forms are available from the classroom teacher or the guidance counselor. A Pass “P” does not count towards class rank or GPA.

ILLINOIS ARTICULATION INITIATIVE

The Illinois Articulation Initiative (IAI) is a statewide, cooperative agreement amongst participating Illinois colleges and universities to facilitate the successful transfer of course credits from one participating institution to another, effective summer of 1998.

It can help assure a smooth transfer of credits from Waubonsee Community College to your chosen four-year school. A General Education Core Curriculum has been defined by the IAI. If you follow the prescribed curriculum, you can be assured that the credits satisfy general education requirements at a majority of Illinois colleges and universities.

General education requirements consist of courses the colleges and universities consider essential for the student’s success in college and life and are equivalent to courses in the first two years of a four-year baccalaureate program. The IAI list includes courses in: math, oral and written communication, social and behavioral science, physical and life science, world languages, humanities and fine arts.

PATHWAYS TO PROSPERITY

For specific information regarding the Pathways to Prosperity (P2P) initiative, see page 61. Courses that are part of the Pathways are signified throughout the catalog with a P2P distinction.

GRADUATION REQUIREMENTS

A student must earn a minimum of 22 credits to graduate from West Aurora High School.

REQUIRED COURSES

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGLISH</td>
<td>7</td>
</tr>
<tr>
<td>MATH</td>
<td>8</td>
</tr>
<tr>
<td>SCIENCE</td>
<td>2</td>
</tr>
<tr>
<td>SOCIAL STUDIES</td>
<td>2</td>
</tr>
<tr>
<td>HEALTH</td>
<td>1/2</td>
</tr>
<tr>
<td>P.E./DRIVER'S ED.</td>
<td>3/2</td>
</tr>
<tr>
<td>ELECTIVES</td>
<td>7</td>
</tr>
</tbody>
</table>

Under special circumstances, junior and senior students can obtain a physical education waiver. Students can obtain more information about the physical educational waiver by contacting their school counselor.

A student may meet the Consumer Economic requirement by participating in and passing a full year of a school-sponsored work co-op program. In these cases, students must substitute another social studies class for the Economics course since two years of social studies are required for graduation.

Students planning to attend a four-year university after graduation, admissions requirements may vary. See individual university web pages for specifics. In general, students planning to attend a four-year university after high school should plan on the following:

- 4 years of English
- 3 years of math (Algebra, Geometry and Algebra 2)
- 3 years of science
- 3 years of social studies
- 2 years of the same foreign language, 2 years of fine arts, or 2 years of vocational courses

NAVIANCE FAMILY CONNECTION

http://connection.naviance.com/waurora

Naviance Family Connection assists students in college and career readiness. It is an online program where students can take career profile tests that show potential career choices that match students' personality types. Students can use that data to research post-secondary options, make course decisions, and create resumes. As seniors, students will use Family Connection to log college applications; request transcripts; receive information on scholarships and college visits.
FRESHMAN YEAR

Freshman year is important. A successful transition to high school life can be an important indicator of future success. The theme for freshman year is **Who Am I?** Academic planning, career exploration, adjustment to the role of a young high school adult, and involvement in school events are the areas of concentration for the incoming high school student.

**CHECKLIST**

- **FALL OF 8TH GRADE YEAR**
  - Take placement assessment (PSAT 8/9)
  - Complete Matchmaker assessment in Career Cruising

- **WINTER OF 8TH GRADE YEAR**
  - Attend Freshman Orientation
  - Begin pre-registration with high school counselors

- **SUMMER BEFORE 9TH GRADE YEAR**
  - Participate in Enter with Pride

- **FALL**
  - Join athletic/club activities
  - Attend Freshman Essentials presentations
  - Participate in SOS activity as part of Health class
  - Learn how to log on to Naviance
  - Complete Cluster Finder assessment in Naviance

- **WINTER**
  - Complete Course Selection with a counselor (Post-secondary education/career plans, 4-year plan)
  - Attend Freshman Essentials presentation

- **SPRING**
  - Visit the College and Career Center
  - Consider summer school enrollment
  - Review course selections for 10th grade
  - Athletes considering playing sports at the college level should inform their counselor and coach.
  - Take PSAT 8/9 exam
  - Complete 9th-grade exit survey
  - Attend Freshman Essentials presentation

**THE PROFILE OF A SUCCESSFUL FRESHMAN STUDENT INCLUDES THE FOLLOWING:**
- Understanding of graduation requirements, the importance of a high school transcript, GPA, rank-in-class and grading periods (semesters)
- Understanding of support systems and/or resources offered
- Understanding of athletics/activities offered
- Understanding of the importance of participating in community service
- Participation in grade-level tasks as part of college and career readiness curriculum
- Ability to set realistic, future goals for post-secondary success

A student who strives to meet these requirements will find high school to be a rewarding and enjoyable experience.

SOPHOMORE YEAR

Sophomores move from the adjustment phase of freshman year to a deeper understanding of the high school system and their role in post-secondary planning. The theme for sophomore year is **Career Exploration** with a focus on personal strengths, skills and interests. Sophomores will explore post-secondary options as it relates to personal career pathways. Continuing to build a strong GPA/class rank and taking rigorous courses is hard work.

**CHECKLIST**

- **SUMMER BEFORE 10TH GRADE YEAR**
  - Check on summer school grades (See if they were received and recorded)

- **FALL**
  - Continue participation in athletic and/or activities
  - Visit and utilize the services provided in the College and Career Center (CCRC)
  - Complete Do What You Are assessment in Naviance
  - Analyze Do What You Are assessment (along with Cluster Finder results) in connection to possible career interests
  - Learn how to search for careers in Naviance
  - Explore career options
  - Attend Financial Aid Presentation
  - Parents: attend Open House – 10th Grade Level presentation

- **WINTER**
  - Complete Course Selection with a counselor (Post-secondary education/career plans, 4-year plan)
  - Fill out the NCAA Clearinghouse form if considering a Division I or Division II school

- **SPRING**
  - Consider summer school enrollment
  - Review course selections for the 11th-grade year
  - Attend Sophomore Essentials presentation
  - Register for College Board account and create a Khan Academy account to prepare for PSAT 10 exam
  - Identify a minimum of three career interests
  - Take PSAT 10 exam Complete 10th-grade exit survey

**THE PROFILE OF A SUCCESSFUL SOPHOMORE STUDENT INCLUDES THE FOLLOWING:**
- Understanding of Dual Credit and AP course
- Identifying electives offered as it relates to personal career pathways
- Understanding and utilization of support systems and resources offered
- Participation in athletics and/or activities offered
- Understanding of the importance of participating in community service
- Participation in grade-level tasks as part of college and career readiness curriculum
- Ability to set realistic, future goals for post-secondary success
JUNIOR YEAR

Junior year is a significant year. For many students, the balance of managing courses, preparing for college exams, and college planning activities can be a challenge. This year, there continues to be an emphasis on the importance of GPA/class rank and taking rigorous courses while heightening opportunities to facilitate post-secondary decision-making and planning. The theme for junior year is Action Plan Development. This process includes guiding students to seek relative and current information pertaining to their post-secondary options (2-year college, 4-year college, military, technical/trade school or work).

WINTER CONT’D

- Continue to visit the CCRC
- Continue to visit the library to meet with college representatives
- Create a personal statement
- Attend SAT Boot Camp

WINTER

- Begin brainstorming possible target colleges, universities or other post-secondary options
- Explore college entrance requirements
- Sign-up for the SAT Boot Camp
- Consider taking an official SAT or ACT exam (prior to State testing day in spring)
- Consider and plan college campus visits
- Make sure you can access your College Board account
- Use Khan Academy to prepare for SAT
- Interpret/Analyze results of ASVAB or PSAT exams from fall (if applicable)
- Be sure to fill out the NCAA Clearinghouse form if you are considering a Division I or Division II school

THE PROFILE OF A SUCCESSFUL JUNIOR STUDENT INCLUDES THE FOLLOWING:

- Enrollment in dual credit/AP courses
- Identifying electives offered as it relates to personal career pathways
- Understanding of support systems and/or resources offered
- Continued participation in athletics activities offered
- Participation in community service
- Participation in grade-level tasks as part of college and career readiness curriculum
- Ability to set realistic, future goals for post-secondary success

CHECKLIST

SUMMER BEFORE 11TH GRADE YEAR

- Check on summer school grades (See if they were received and recorded)
- FALL
  - Continue participation in athletic and/or activities
  - Attend College Night at WCC or another college fair
  - Utilize resources provided in the College and Career Center (CCRC)
  - Visit the library to meet with college representatives
  - Consider and plan college campus visits
  - Participate in PSAT if 4-year college-bound immediately after high school
  - Participate in ASVAB if interested in the military after high school
  - Attend Financial Aid presentation
- WINTER
  - Learn how to navigate features of Naviance, research/list colleges of interest for post-secondary planning
  - Parents: attend Open House – 11th Grade Level presentation
- SPRING
  - Complete FAFSA online, which opens on October 1st
  - Request and gather teacher recommendations
  - Consider ACT/SAT retakes and/or SAT subject tests
  - Attend Senior Workshop in August

SUMMER BEFORE 12TH GRADE YEAR

- Check on summer school grades
- FALL
  - Continue participation in athletic and/or activities
  - Attend Senior Workshop in August
  - Consider and plan college campus visits
  - Participate in a senior interview with a counselor
  - Visit the College and Career Center (CCRC)
  - Attend the library to meet with college representatives
  - Attend College Night at WCC
  - Attend Senior Meeting in October
  - Determine target colleges to apply and deadlines
  - Request and gather teacher recommendations
  - Submit college applications, transcripts and college entrance exams (ACT and/or SAT) to be eligible for early admission
  - Continue participation in athletic and/or activities
- WINTER
  - Request a final transcript be sent to final college choice
  - Attend Senior Honors Night
  - Participate in Senior Activity Day
  - Attend Senior Meeting in October
  - Plan campus visits to help with final decisions

SENIOR YEAR

Senior year is an exciting year, as students prepare to transition for life after high school. The theme for senior year is Execution of Action Plan. It is important for students to continue strong study habits in order to maintain a solid GPA and class rank and continue to take challenging courses in order to best prepare for post-secondary options. Seniors should review progress towards graduation, address any concerns, follow through with procedures needed for implementation of post-secondary plan; this includes an understanding of the application process, meeting deadlines for college admissions, NCAA scholarships, testing and financial aid. This is a reflective time as students can now look back on how they have matured, but there is still work to be done as students prepare for the next phase of their life.

THE PROFILE OF A SUCCESSFUL JUNIOR STUDENT INCLUDES THE FOLLOWING:

- Enrollment in dual credit and AP courses
- Discussion and evaluation of post-secondary plans
- Understanding and utilization of support systems and resources offered
- Continued participation in athletic activities offered
- Continued participation in community service
- Participation in grade-level tasks as part of college and career readiness curriculum
- Ability to set realistic, future goals for post-secondary success
- Participation in college entrance exams
- Participation in college campus visits
- College and Career Night at WCC
- Graduation/Senior Meeting
AFJROTC 1 (FIRST-YEAR CADETS): CT151Y
Open to: 9, 10, 11, 12  Length: 1 year  Credit: 1
PREREQUISITE: Application and program acceptance
Air Force Junior ROTC is a leadership and citizenship program. Students will be selected based on teacher recommendations and a completed application – space is limited. First-year cadets study the Science of Flight, Health and Fitness, leadership, and drill. Topics also include the history of the flag, the structure of the Air Force and the opportunity to join the Drill Team or Color Guard. Student-led community service, social and educational events are part of the program. Cadets will be issued a uniform, which must be worn one day per week, and cadets are required to meet USAF hair and grooming standards while in uniform.

AFJROTC 2 (SECOND-YEAR CADETS): CT230Y
Open to: 10, 11, 12  Length: 1 year  Credit: 1
PREREQUISITE: AFJROTC 1, Instructor Recommendation
AFJROTC 2 is a leadership and citizenship program. Students will be selected based on teacher recommendations. Second-year cadets study Science of Flight, Health and Fitness, leadership and drill. Students must have completed AFJROTC 3 and have instructor approval to enter AFJROTC 4. Fourth-Year Cadets study Science of Flight, Health and Wellness, and Leadership. Topics also include communication, management, personal leadership styles and other related topics. They also have an opportunity to join the Drill Team or Color Guard. Fourth-Year students are expected to assume active leadership roles in the Corps. They will organize, plan and manage cadet activities throughout the academic year. Cadets will be issued a uniform, which must be worn one day per week. Cadets must also meet all applicable USAF hair and grooming standards while in uniform.

AFJROTC 3 (THIRD-YEAR CADETS): CT233Y
Open to: 11, 12  Length: 1 year  Credit: 1
AFJROTC 3 is a leadership and citizenship program. Students will be selected based on teacher recommendations. Third-year cadets study Science of Flight, Health and Fitness, leadership and drill. Topics also include communication, conflict resolution and leadership styles, with an opportunity to join the Drill Team or Color Guard. Student-led community service, social and educational events are part of the program. Cadets will be issued a uniform, which must be worn one day per week. Cadets are required to meet USAF hair and grooming standards while in uniform.

AFJROTC 4 (FOURTH YEAR CADETS): CT320Y
Open to: 12  Length: 1 year  Credit: 1
PREREQUISITE: Approval of instructor, 3 years of JROTC experience
AFJROTC 4 is the mission of Air Force JROTC is to develop citizens of character. Students must have completed AFJROTC 3 and have instructor approval to enter AFJROTC 4. Fourth-Year Cadets study Science of Flight, Health and Wellness, and Leadership. This course provides AFJROTC cadets additional drill and ceremonies training and practice. It provides an in-depth introduction to drill and ceremonies by concentrating on the elements of military drill and describes individual and group precision movements, procedures for salute, drill, ceremonies, reviews, parades, and development of the command voice.

ACCOUNTING 1: CT320Y
Open to: 10, 11, 12  Length: 1 year  Credit: 1
PREREQUISITE: None
Students will learn to apply basic accounting principles as they apply to financial records for a sole proprietorship, a partnership, and a corporation. Emphasis will be on understanding the complete accounting cycle, accounting terminology, and the importance of accurate financial records in a profitable and successful business enterprise. Career opportunities in the field of accounting will be an integral part of the instruction.

ACCOUNTING 1 HONORS: CT321Y
Open to: 10, 11, 12  Length: 1 year  Credit: 1
PREREQUISITE: None
Students study the basic accounting principles covered in Accounting 1 at an accelerated pace. In addition, students will: (1) learn to use specialized computer software to solve accounting problems, (2) complete a minimum of two comprehensive, computer-based accounting simulations, (3) be responsible for independent exploration of accounting career opportunities, and (4) apply advanced mathematical concepts to the solution of business/accounting problems. Students that are successful in this course typically complete Algebra 1 with an "A" or better.

BLACKHAWK TECHNICAL SUPPORT: CT230Y
Open to: 9, 10, 11, 12  Length: 1 year  Credit: 1
PREREQUISITE: None
Blackhawk Technical Support (ITS) will offer students various technology-based assignments along with hands-on learning through Chromebook repair. Students will repair everyday breaks on the district Chromebooks. Students will troubleshoot devices, diagnose, repair, and return the device. Students will also be expected to complete assignments on various technology platforms when not repairing. These can include Google Suite assignments, programming, and CompTIA IT Fundamentals certifications.

BUSINESS AND PERSONAL LAW 1: CT323Y
Open to: 11, 12  Length: 1 semester  Credit: 5
PREREQUISITE: None
This introductory law class focuses on ethics and the law, the sources of the law, the structure of our court systems, civil law versus criminal law, the various types of burt and crimes, and contract law. Students develop stronger skills in the areas of reading and writing, persuasive and public speaking, critical thinking, and research and analysis through course work and participation in a moot court.

BUSINESS AND PERSONAL LAW 2: CT324S
Open to: 11, 12  Length: 1 semester  Credit: 5
PREREQUISITE: None
This second semester of law further examines contract law as it applies to the law of sales, consumer law, agency law, employment law, property law, and banking law. Students will continue to develop skills in the areas of reading and writing, persuasive and public speaking, critical thinking, and research and analysis through course work and participation in mock trials.

COMPUTER SCIENCE A PLTW HONORS: CT323Y
Open to: 10, 11, 12  Length: 1 year  Credit: 1
PREREQUISITE: None
Computer Science A (CSA) aligns with the CSA framework of the College Board. Students learn Java and authentic Android TM app development. The students in this course continue to hone their communication and collaboration skills while learning to use a variety of tools. The primary goal of the course is to create independent-thinking app developers. Every unit in this course builds on the students’ prior knowledge and skills until they are able to complete an app development cycle independently from the ground up.

CYBER SECURITY PLTW HONORS: CT323Y
Open to: 12  Length: 2  Credit: 2
PREREQUISITE: Computer Science A
Identify cybersecurity threats and protect against them. Detect intrusions and respond to attacks. Begin to examine one’s digital footprint and better defend personal data. Learn how organizations protect themselves in today’s world. Whether seeking a career in the growing field of cybersecurity or learning to defend their own personal data or a company’s data, students in Cybersecurity establish an ethical code of conduct while learning to defend data in today’s complex cyber-world. Students will apply their learning at the end of this course to breach and defend a network in a blue team/red team scenario.

ENTREPRENEURSHIP: CT325S
Open to: 10, 11, 12  Length: 1 semester  Credit: 5
PREREQUISITE: None
If you have ever dreamed of owning your own business, this course can help you. Creating and operating a small business requires hard work. You will explore the nature of entrepreneurship and what makes a successful entrepreneur. You will be collaborating ideas, writing a business plan and exploring strategies for purchasing, pricing, selling, promotion, financing, and staffing.

INFORMATION TECHNOLOGY: CT326S
Open to: 10, 11, 12  Length: 1 year  Credit: 1
PREREQUISITE: None
This course is designed to relate marketing, business, management and economics principles to the interdependence of nations all over the globe. The content areas are designed to develop the appreciation, knowledge, skills, and abilities needed to live and work in a global marketplace. The students will learn an understanding of how cultural values and expectations affect the interactions between businesses dealing globally. The class will provide the students with opportunities to explore the world. The development of an international business plan will also be an integral part of this course.

INTRODUCTION TO CODING AND APP DEVELOPMENT: CT324Y
Open to: 10, 11, 12  Length: 1 year  Credit: 1
PREREQUISITE: None
The students will build their first app in the first week of the course using the same tools that developers use to build apps that are running on iOS devices. The students will learn how to use these apps to build apps that are running on iOS devices. The students will learn the basics of how to build apps that are running on iOS devices.

INTERNATIONAL BUSINESS: CT328, CT329
Open to: 10, 11, 12  Length: 1 semester  Credit: 5
PREREQUISITE: None
This course is designed to relate marketing, business, management and economics principles to the interdependence of nations all over the globe. The content areas are designed to develop the appreciation, knowledge, skills, and abilities needed to live and work in a global marketplace. The students will learn an understanding of how cultural values and expectations affect the interactions between businesses dealing globally. The class will provide the students with opportunities to explore the world. The development of an international business plan will also be an integral part of this course.

ACCOUNTING 2: CT324Y
Open to: 10, 11, 12  Length: 1 year  Credit: 1
PREREQUISITE: None
Students will learn to apply basic accounting principles as they apply to financial records for a sole proprietorship, a partnership, and a corporation. Emphasis will be on understanding the complete accounting cycle, accounting terminology, and the importance of accurate financial records in a profitable and successful business enterprise. Career opportunities in the field of accounting will be an integral part of the instruction.

INTRODUCTION TO CODING AND APP DEVELOPMENT: CT324Y
Open to: 10, 11, 12  Length: 1 year  Credit: 1
PREREQUISITE: None
The students will build their first app in the first week of the course using the same tools that developers use to build apps that are running on iOS devices. The students will learn how to use these apps to build apps that are running on iOS devices. The students will learn the basics of how to build apps that are running on iOS devices.
INTRODUCTION TO BUSINESS: CT101F
Open to: 9, 10, 11, 12  Length: 1 semester  Credit: .5
PREREQUISITE: None
This is the first course in the business education pathway. Introduction to Business explores the role and purpose of business in our economic system with an emphasis on what everyone should know to function effectively as a consumer and an entrepreneur in a free-enterprise economy. Units will include starting a business, marketing, accounting, business law, management, and technology in business. Students will participate in a semester-long project where they apply material learned in each unit to their own simulated business.

PERSONAL FINANCE: CT102S
Open to: 9, 10, 11, 12  Length: 1 semester  Credit: .5
PREREQUISITE: None
Personal Finance covers managing your money as well as saving and investing. The class encompasses budgeting, banking, insurance, mortgages, investments, retirement planning, auto loans, taxation and responsible use of credit cards. Students will learn money-saving techniques and budgeting skills as well as the importance of time management and daily routines in order to provide students with the knowledge and skills to manage financial resources effectively for a lifetime of financial well-being.

STUDENT COMPETENCY BADGES: CT114Y
Open to: 9, 10, 11, 12  Length: 1 year  Credit: .5
PREREQUISITE: None
This is a self-paced correspondence course where students learn the fundamentals of Schoology, Google (drive, docs, slides, sheets, sites, and forms), Digital Citizenship, and complete the Naviance College Career and Life Readiness Curriculum (Self Discovery, Career Planning, Success Skills, Support Networks, College Planning, and Financial Planning). The Schoology and Google badges focus on the technology skills needed to be successful at West High. The Digital Citizenship badge teaches students how to be positive and ethical stewards of technology. The Naviance badges (one for each grade level) teach students about themselves, planning for college or a career, financial planning (debt and budgeting), and the personal skills necessary to be successful in high school and their future careers. This would be an asynchronous course that would allow students to complete all badges over the course of their 4 years at West High. (.5 credit increments would be earned based on the course hours completed.)

MARKETING 1: CT235S
Open to: 10, 11, 12  Length: 1 semester  Credit: .5
PREREQUISITE: None
Students will explore the world of marketing in today’s globally competitive marketplace. Content includes examining how marketing impacts society, the basics of marketing, marketing for E-Commerce, developing the promotional mix and using marketing research.

MARKETING 2: CT236S
Open to: 10, 11, 12  Length: 1 semester  Credit: .5
PREREQUISITE: None
This course begins by reviewing the marketing concepts and interpersonal skills vital for a career in management and marketing. Units of study include developing marketing strategies, determining the best price, developing the promotional mix (advertising and sales promotions, developing new products, and selling to satisfy the customer. Students’ projects include developing sales presentations, creating promotional materials, and planning products and packaging.

HEALTH OCCUPATIONS AND COMMUNICATIONS: CCH430Y
Open to: 9, 10, 11, 12  Length: 1 year  Credit: 1
PREREQUISITE: None
The course will provide in-depth information about 5 health occupations career pathways: Biotechnology (Medical Scientist, Biomedical Engineers, etc.), Support Services (Phlebotomists, Pharmacy Aides, Veterinary Assistants, etc.), Health Informatics (Health Information Technicians, Medical Transcriptionists, etc.), Diagnostic Services (Radiologic Technicians, Surgical Assistants, Veterinary Technologists, etc.), and Therapeutic Services (Athletic Trainers, Art Therapists, Dental Hygienists, Registered Nurse, Doctors, etc.). The information will include occupational and educational opportunities, physical, emotional and attitudinal requirements. Exposure to foundational skills and knowledge in medical-related math, legal and ethical issues and lab safety related to most health-care professions will be included. This course will also develop the communication skills needed to speak with and document patient interactions, residents, physicians and other medical staff in a variety of settings and circumstances.

MEDICAL OFFICE PROCEDURES: CCHA430F/CCHA430Y
Open to: 11, 12  Length: 1 semester  Credit: .5
PREREQUISITE: This is a junior-level course within the Health Science pathway. Students should consider taking previous course work. Students learn about effective organizational and medical office management, professional organizations, legalities and ethics. The role and responsibilities of the administrative medical assistant are emphasized. This course will run as a 75 minute block period and be located at the West Aurora Learning Center.
ADVANCED FOODS: CT237Y
Open to: 10, 11, 12
Length: 1 year
Credit: 1
PREREQUISITE: Intro to Foods 1 and 2
This course consists of units in nutrition, equipment, measuring, and sanitation. Students will develop life-long culinary skills. Food Science Principles and culinary techniques are applied as students prepare a variety of recipes in the lab. There is an emphasis on healthy eating and nutrition. The goal of this course is to develop culinary skills that can be used at home and in the culinary profession. Career exploration in related fields will be incorporated.

CHILD DEVELOPMENT: CT212Y
Open to: 10, 11, 12
Length: 1 year
Credit: 1
PREREQUISITE: None
This course addresses the knowledge, skills, attitudes, and behaviors associated with supporting and promoting optimal growth and development of young children. Topics include developmental theories, human reproduction, prenatal development, and childbirth. Students will have the opportunity to earn an ECE Credential Level 1 Certificate through the Gateways to Opportunity training and scholarship program: a state required certification by child care facilities. This early care and education training introduces students to general child development, health and safety, environments for children (infants through school age), and the importance of relationships with children and their families. The students will gain knowledge about the physical, mental, emotional, and social growth and development of children from conception to school age. Students will also participate in the RealityWorks RealCare Baby simulation which provides students the hands-on opportunity to experience caring for an infant.

CLINICAL EXPERIENCE IN EDUCATION: CT206Y
Open to: 10, 11, 12
Length: 1 year
Credit: 1
PREREQUISITE: Early Childhood Education 1 & Concurrent enrollment in Introduction to Education
This course runs concurrently with Introduction to Education. This is a 4-credit, 45-hour internship experience in classrooms that enables students to observe and interact with children and teachers in a classroom environment. This course is designed to assist students as they assess their commitment to teaching as a career. West Aurora School District is developing an Educators Career Pathway. This course is dual credit with EDU 202 at Waubonsee Community College (3 Credit Hours).

CULINARY ARTS 3: CT288Y
Open to: 10, 11, 12
Length: 1 year
Credit: 2 (2 periods a day)
PREREQUISITE: Culinary Arts 2 and teacher recommendation
Students will learn in a hands-on nature in the Blackhawk Cafe, the student-run restaurant, and is designed to prepare students for a management position in the culinary arts industry. Students will gain experience managing the front and back of the house operations. Students will earn an industry-recognized Serve Safe Food Handler Certification.

CULINARY ARTS 4: CT285Y
Open to: 10, 11, 12
Length: 1 year
Credit: 2 (2 periods a day)
PREREQUISITE: Culinary Arts 3 and/or teacher approval
This course explores culinary arts careers and general job-related skills. The students receive hands-on experience in the Blackhawk Cafe, a student-run restaurant, by rotating through various positions in management and the restaurant operation. Students will earn an industry-recognized Serve Safe Food Manager certification.

EARLY CHILDHOOD OCCUPATIONS 1: CC264Y
Open to: 10, 11, 12
Length: 1 year
Credit: 2
PREREQUISITE: Child and Parent Development and positive academic, behavioral and attendance record
This course is designed to provide students interested in a career in early childhood with information and practical experiences needed for the development of job-related competencies. Students are provided laboratory experiences in the Little Learners Preschool. Students will be expected to work with and develop appropriate skills in program development and in assisting with children’s developmentally appropriate activities. Classroom content is concerned with studying developmentally appropriate practices, the philosophy and management of childcare centers, and the state/national standards in early childhood. The main learning experiences will involve actual work with children in situations that simulate those found in business and industry, as well as preparation for that activity.

EARLY CHILDHOOD OCCUPATIONS 2: CC263Y
Open to: 10, 11, 12
Length: 1 year
Credit: 2
PREREQUISITE: Early Childhood Occupations 1
This course continues the learning begun in Early Childhood Occupations 1. The course content focuses on caring for preschoolers, elementary school students and special needs children. The major learning experiences involve actual work with children in the Early Learning Academy.

FASHION DESIGN 1: CT258Y
Open to: 9, 10, 11, 12
Length: 1 year
Credit: 1
PREREQUISITE: None
The first semester consists of units in color, line, and design. Students will learn how to operate a sewing machine and complete three sewing projects. The projects include a sewing tote and pajama bottoms. The second semester consists of units in textiles including natural and fabricated fibers as well as advanced seam finish samples and three clothing projects. The projects include a shirt, pants or skirt with a zipper and a third project based on individual needs and experience. Students are required to purchase materials for garments.

FASHION DESIGN 2: CT258Y
Open to: 10, 11, 12
Length: 1 year
Credit: 1
PREREQUISITE: Fashion Design 1
First semester is designed to improve the sewing skills of students. The course consists of the construction of three clothing projects. These would include a lined jacket and a project created using the serger machine. Students are required to purchase materials for garments. The second semester is designed to continue to improve the sewing skills of students. The course consists of learning how to work with fabric and the construction of three advanced, challenging projects. Continued use of the serger machine is included. Students are required to purchase materials for garments.

FASHION MERCHANDISING: CT386Y
Open to: 10, 11, 12
Length: 1 year
Credit: 1
PREREQUISITE: Fashion Design 1 or 2 recommended but not required
This course traces the development of fashion and the retail industry. Student activities include: examining styles, fashion terminology, predicting fashion trends, creating visual displays, wardrobe with professional career portfolios, and researching the fashion history. Highlights include a field trip to a costume shop and presentations by professionals in the fashion industry. Units include product planning, promotion and development of retail merchandise and visual display. The second semester includes the planning and production of a fashion show; researching fashion careers and pathways and learning about designers. This course will include the planning and operations of the school store. Students are required to have transportation to and from fashion show practices and model fittings.

FOOTPRINTS OF EDUCATION: CC363Y
Open to: 10, 11, 12
Length: 1 year
Credit: 1
Prerequisite: Intro to Foods 1
This is an introduction to the profession of teaching. It incorporates the historical, philosophical, social, and legal foundations of education while examining ethics, organizational structure, and school governance. Students will develop skills in lesson planning, instructional practice, and specialized training within the profession. Along with the coursework, students will engage in clinical experiences at district schools. This course is dual credit through Waubonsee Community College including EGU 200 (Introduction to Education) and EGU 202 (Clinical Experience in Education) 6 Credit Hours.
PREREQUISITE
Open to: 10, 11, 12
Length: 1 year
Credit: 1
PREREQUISITE: Interior Design and an Interest in Competing in the FCCLA Interior Design STAR Project

Students will build upon their knowledge of Interior Design by completing the FCCLA Interior Design STAR project to meet all of the requirements specified by the client description. During the first 7 weeks of the course, course content will focus on culture and societal influences on housing, recognizing and selecting furniture styles, as well as lighting and accessories. The client profile is revealed by FCCLA on October 1st annually. From that point forward, student designers would be designing an entire residential home to meet the specifications of the client. Students would be able to compete with this design project at FCCLA regional competition in February if they are members of FCCLA. The student will then have the opportunity to qualify for state and nationals based on their performance at each level.

METHODS OF EDUCATION: CCSS1,3,7,9

This course provides an opportunity for students to develop skills to teach and guide others. Coursework includes opportunities for students to create and develop teaching objectives, design lesson plans, and experience teaching in a controlled environment. Students examine and practice teaching strategies, learning styles, time management and planning strategies, presentation and questioning skills, classroom management, and evaluation techniques. Students will explore opportunities in education careers and develop/expand their career portfolio.

REAL WORLD READINESS: CITL5, CITL5S
Open to: 10, 11, 12
Length: 1 semester
Credit: .5
PREREQUISITE: None

This is a one-semester course designed to prepare individuals to make decisions for their future. A heavy focus is placed on the experiences, skills, and responsibilities students need to form healthy, mature and successful relationships in their adult lives, whether at home or in a work environment. A growing expectation for today’s graduates is the ability to work effectively in a diverse environment; thus, students will learn how to strengthen communication and conflict management skills, utilize problem-solving methods, develop management processes and practice coping skills. In addition, students will discover potential careers, specifically thinking about a "dream" job, write a resume, and participate in a mock interview to gain employability skills. The responsibilities of being independent and managing resources are also strongly emphasized. Lastly, students will learn money management and financial literacy skills including researching the expenses of selecting an apartment or home, buying a new car and will explore maintaining checking and savings accounts, paying taxes and keeping a budget.

CIVIL ENGINEERING AND ARCHITECTURE - HONORS: CCSOY, PPP
Open to: 10, 11, 12
Length: 1 year
Credit: 1
PREREQUISITE: Introduction to Engineering Design. Successful completion of POE recommended

Civil Engineering and Architecture (CEA) is a “specialization” course in the Project Lead the Way Engineering program. In CEA students learn important aspects of building and site design and development. They apply math, science and standard engineering practices to design both residential and commercial projects by documenting their work using 3D design software.

ENGINEERING DESIGN AND DEVELOPMENT - HONORS: CT01, PPP
Open to: 10, 11, 12
Length: 1 year
Credit: 1
PREREQUISITE: Introduction to Engineering or Principles of Engineering

The knowledge and skills students acquire throughout PLTW Engineering come together in EDD. In this course, students identify an issue and then research, design and test a solution. Ultimately presenting their solution to a panel of practicing engineers. Students apply the professional skills they have developed to document a design process, and then complete EDD ready to take on any post-secondary program or career.

PRINCIPLES OF ENGINEERING - HONORS: CT01Y, PPP
Open to: 10, 11, 12
Length: 1 year
Credit: 1
PREREQUISITE: Introduction to Engineering

This course exposes students to some of the major concepts that they will encounter in a postsecondary engineering course of study. Students have an opportunity to investigate engineering as a career. POE gives 22 students the opportunity to develop skills and understanding of course concepts through real-world activities, projects, and problem-based learning, and teamwork which challenges students to continually hone their interpersonal skills, creative abilities, and problem-solving skills based upon engineering concepts. It also allows students to develop strategies to enable and direct their own learning, which is the ultimate goal of education. Students will employ engineering and scientific concepts in the solution of engineering design problems. Students will develop problem-solving skills and apply their knowledge of research and design to create solutions to various challenges. Students will also learn how to document their work and communicate their solutions to their peers.

INTRODUCTION TO ENGINEERING: CT01Y, PPP
Open to: 9, 10, 11, 12
Length: 1 year
Credit: 1
PREREQUISITE: None

Introduction to Engineering Design (IED) is a high school level foundational course in the PLTW Engineering Program. In IED, students are introduced to the engineering profession through a common approach to the solution of engineering problems and an engineering design process by 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 3D modeling software, and use an engineering notebook to document their work.

PATHWAY TO ENGINEERING

Project Lead the Way’s (PLTW) premier high school program, “Pathway to Engineering” is a dynamic four-year course of study that can be integrated into a student’s core curriculum high school program while providing the student with real-world learning and hands-on experience. The combination of traditional math and science courses with innovative Pathway to Engineering courses prepares students for college majors in engineering and engineering technology fields. This program is highly recommended for students interested in engineering and technology-related career paths. “Pathway to Engineering” courses engage high school students through a combination of activity-based, project-based, and problem-based (APPB) learning. APPB learning not only creates an environment for applying engineering concepts to real problems, but also prepares students to: solve problems, participate as part of a team, lead teams, speak to a public audience, conduct research, understand real-world impacts, analyze data, and learn outside the classroom. Project Lead the Way provides an excellent foundation for addressing and implementing real solutions to real problems with contemporary technology and applied logic.
ADVANCED 2-D CAD TOPICS CAD120 – DUAL CREDIT: HONORS: CT120S05
Open to: 10, 11, 12 Length: 1 semester Credit: 5 (Hours) PREREQUISITE: CAD 102 This class would be ideal for students interested in Engineering, Architecture, and Drafting. The course will prepare you for college and real-world applications. The course is a continuation of CAD102. Students learn how to properly create and detail orthographic views with both conventional and geometric tolerances. Students learn how to properly annotate working drawings according to ANSI-ASME standards. Additional topics of study include: dynamic blocks, block attributes, external reference files, assembly layouts, bill of materials, fasteners and weldments.

ADVANCED TRADES 1: ELECTRICAL AND HVAC: CCCT350Y
Open to: 11, 12 Length: 1 year Credit: 2 PREREQUISITE: Recommended but not required: Basic Woods/Machine Woods
The first semester will focus on providing students with instruction and training in areas that prepare them to enter the electrical trades and Heating. Areas of instruction include electrical theory, circuit design and operation, the national electrical code, blueprint reading, construction blueprint interpretation, and test equipment usage. The second semester will focus on an introduction to the principles and practices employed in the installation, maintenance, and repair of basic air conditioning and heating systems units. Instruction is provided in safety precautions related to electricity, heating units, rotating machinery, refrigerants, and the use of power tools. Instruction includes basic electrical concepts, circuits, transformers, motors and motor controls, and circuit protection devices. 1102A003

AUTO CAD 3-D 102 DUAL CREDIT - HONORS: CT130S08
Open to: 12 Length: 1 semester Credit: 5 (Hours) PREREQUISITE: CAD 102 This class would be ideal for students interested in Engineering, Architecture, and Drafting. The course will prepare you for college and real-world applications. This course covers the basics of 3-D modeling using AutoCAD. Students are introduced to 3-D wire, 3-D meshed, 3-D surface, 3-D solid modeling, and 3-D parametric modeling. Students learn the concepts and techniques required in all 3-D modeling programs including: 3-D coordinates, 3-D viewing, 3-D boundary represented construction geometry, B-rep constructive, various 3-D design techniques, and creating 2-D layouts from 3-D models. Models are built using additive manufacturing.

AUTOMATION AND ROBOTS 1: CCCT350Y
Open to: 11 Length: 1 year Credit: 2 PREREQUISITE: One of the following is recommended: AP/PLTW Engineering course work, Prior Computer Science course work, Chemistry or Honors Chemistry, or Geometry or Honors Geometry.
Students will dive into the world of Automation and Robotics, utilizing FANUC’s latest generation of robotic technology. In real time, students will learn to program a robot that is used on the plant floor. Robotics courses develop and expand students’ skills and knowledge so that they can design and develop robotic devices and processes. Topics covered in the course may include mechanics, electrical and motor controls, pneumatics, computer basics, and programmable logic controllers. 2100A001

AUTOMOTIVE TECHNOLOGY 1: CCCT350Y
Open to: 11 Length: 1 year Credit: 2 PREREQUISITE: None
Automotive Technology I introduces the student to the wide field of auto repair. The class is divided into four main areas of study: brakes; steering and suspension; electrical; engine repair and computer controls. Students will receive classroom instruction and time in the lab to complete hands-on repair tasks. Students are instructed on how to locate service data, determine what is important and use that information to troubleshoot and repair automobiles. Students must supply their own safety glasses and safety boots.

AUTOMOTIVE TECHNOLOGY 2: CCCT350Y
Open to: 12 Length: 1 year Credit: 2 PREREQUISITE: None
Automotive Technology II is an extension of Automotive Technology I. While the focus is still on the four main areas of study from Auto I, the course is project-based and students are allowed input into what topics are covered. Students are encouraged to suggest or bring in their own projects and are given more time in the lab to complete larger repairs. However, all projects must be approved by the instructor. Students must supply their own safety glasses and safety boots. Tools will be provided.

BASIC WOODS: CT104EF PEP
Open to: 9, 10, 11, 12 Length: 1 semester Credit: 5 PREREQUISITE: None
This is an introductory course offering a general background in woodworking tools, materials, and processes. It considers the broad field of woodworking, emphasizing its importance to the community and its occupational and recreational applications. Students are expected to develop a cooperative attitude, to gain a sense of pride in a job well done, to learn to use safe working practices, to gain knowledge of design, and to use working drawings.

BASIC TECHNICAL DRAWING CAD100 DUAL CREDIT: CT130S05
Open to: 10, 11, 12 Length: 1 semester Credit: 5 PREREQUISITE: Concurrent enrollment or a “C” or better in Geometry or Honors Geometry
This class would be ideal for students interested in Engineering, Architecture, and Drafting. The course will prepare you for college and real-world applications. This course develops study and practice in instrument drawing, lettering, technical sketching, geometric constructions, multi-view projection, pictorial drawing, section view, auxiliary view, conventions and drawing reproduction.

BUILDING TRADES: CCCT350Y
Open to: 11 Length: 1 year Credit: 1 PREREQUISITE: Machine Woodworking or Teacher recommendation
This survey course provides an introduction to the construction industry, including career paths in estimating, site supervision, project management, and the trades. This course is designed to develop skills with hand tools and power machines that are used by the construction industry. Activities in the following areas will be covered in the classroom and lab: carpentry, plumbing and electrical, building trades math, and building materials used.

DIRECTED STUDY IN INDUSTRIAL OCCUPATIONS: ST00Y PEP
Open to: 12 Length: 1 year Credit: 1 PREREQUISITE: Successful completion of competencies in appropriate Industrial courses as determined by the instructor.
The VALVEs Directed Study Program is designed for students interested in pursuing careers in Industrial Occupations who have completed or are completing course work in an approved program at their high school and/or area vocational center. Students enrolled in this program have the opportunity to participate in advanced learning and experiences in Industrial Occupations provided through private or public sector internships or community college course work supported by the local school district. An education plan is developed with a high school or career/vocational center instructor to address individual student career goals. This course can be repeated with credits awarded by 1.0/semester. Students enrolled in secondary programs may earn both secondary and community college credit. Transportation required for participation in this program is the responsibility of the student. In many cases, regular schedules will have to be adjusted for participation and travel times if activities are scheduled during regular school hours.

EXPLORING MANUFACTURING: CT106Y
Open to: 10, 11, 12 Length: 1 year Credit: 1 PREREQUISITE: None
This orientation course introduces students to basic skills in many areas of industrial technology. The course provides information and units of instruction as outlined in the Illinois Plan for Industrial Education. Specific units of instruction include: Graphic Communication, Technical and Blue Print Reading, and Technology. This course allows students to survey the different Technology courses offered at the high school. Students will have the opportunity to design and create projects related to some of these courses.

MACHINE WOODWORKING: CT175I PEP
Open to: 10, 11, 12 Length: 1 semester Credit: 5 PREREQUISITE: Basic Woods
This course is designed for the student desiring to increase his/her knowledge of woodworking, emphasis is placed on more advanced machine procedures, set-ups, maintenance, and safety. All of our machines will be used in this class, and instruction aimed at skill and safety. Lab fee paid per project.

PRECISION MACHINING AND MANUFACTURING 1: CT130S05 PEP
Open to: 11, 12 Length: 1 year Credit: 2 PREREQUISITE: Exploring Manufacturing and/or CAD Technical Drawing
This course introduces students to the basic skills and machines needed in Precision Machining and Manufacturing. Students will learn Shop and General Tool Safety, receive OSHA 10-certification, Metalurgy and Periodic Table studies, Cartesian Coordinate System for tool path and code writing, and Tool build-up and tear-down. Students gain machining skills while working with Clauing Lathes, Clauing and TRAK Milling machines, Clauing Surface Grinders, Clauing and jet drill presses, and HAAS CNC Lathe and Mini-Mill Machines. In addition, students learn the basics of Blueprint Reading, Precision Measuring, Project Layout and Creation, and what it takes to make a product from scratch through the Engineering Design Loop.

PRECISION MACHINING AND MANUFACTURING 2: CT140Y
Open to: 12 Length: 1 year Credit: 2 PREREQUISITE: Machining 1
This course provides more in-depth skill development in various types of precision tool operation, especially using mills, lathes, and surface grinders to perform machining tasks. Power cutoff saws and power band saws are also covered. Students also learn the coding and use of computer and numerical controlled machining. Students enrolled in this course will have the opportunity to participate in a semester-long internship with a local employer. This course will run as a 75 minute block period and be located at the Wescott Family Center for Career Development.
TECHNICAL DRAFTING 1: CT247S
Open to: 10, 11, 12 | Length: 1 semester | Credit: 0.5
PREREQUISITE: None
This class would be ideal for students interested in drafting. The course will prepare students for college and real-world applications. This class offers students experience in the basic principles of drafting including shape and size description of objects, drawings of sections and pictorial views, making assembly drawings, and using basic descriptive geometry procedures on a computer with a two-dimensional drafting program.

TECHNICAL DRAFTING 2: CT246S
Open to: 10, 11, 12 | Length: 1 semester | Credit: 0.5
PREREQUISITE: Technical Drafting 1
This class would be ideal for students interested in drafting. The course will prepare students for college and real-world applications. This course offers students experience in the basic fundamentals of drafting to the detailed study of machine drawings including: dimensioning, section views, auxiliary views, developments, pictorial views, threads and fasteners, drawing file management, documentation, and plotting drawings through a computer system.

VOCATIONAL WOODWORKING: CEM91Y
Open to: 11, 12 | Length: 1 year | Credit: 1
PREREQUISITE: Machine Wood Working
This course is designed for the student desiring to increase the knowledge and skills obtained in Machine Woodworking. The major focus of the class is on designing, planning, material selection, joinery, construction techniques, and finishing procedures. Woodworking trades such as carpentry and pattern making are studied. Lab fee paid per project required.

WELDING 1: CCCT140Y P/P
Open to: 10, 11, 12 | Length: 1 year | Credit: 2
PREREQUISITE: None
The course assists students in gaining knowledge and developing the basic skills needed to be successful in welding technology. Students will review blueprint reading, learn welding health and safety procedures, understand the different types of welding processes (Oxy/Fuel Cutting, Plasma Cutting, SAW, GMAW, Oxy/Acetylene Welding, and GTAW). They will also understand and be tested using the American Welding Society’s numbering system for the various types of the welding process. Units of instruction also include life Job soft skills (Resume and Cover Letter), Daily Record-Keeping (Journals), Metallurgy, Precision Measuring, Layout and Production Process. This course will run as a 75 minute block period and be located at the Weisner Family Center for Career Development.

WELDING 2: CCCT140Y P/P
Open to: 12 | Length: 1 year | Credit: 2
PREREQUISITE: Welding 1
This course builds on the skills and concepts introduced in Welding Technology I and provides more in-depth skill development in various types of welding including horizontal, vertical, overhead, forehand/backhand and circular techniques. The students will need to demonstrate their understanding and skill development of the different types of welds, basic geometric methods of joint design, metals, welding wires, electrodes, gases, and the various types of power sources. The students also explore the use of robotic and automated production welding. Students enrolled in this course will have the opportunity to participate in a semester-long internship with a local employer. This course will run as a 75 minute block period and be located at the Weisner Family Center for Career Development.

AFRICAN AMERICAN LITERATURE: SEN480Y, EN445S
Open to: 12 | Length: 1 semester | Credit: 5
PREREQUISITE: Successful completion of Junior level English or concurrent enrollment
This course is a one-semester course that introduces senior-level students to the tradition, history and heritage of African American literature in an integrated way. Through this course, students have many opportunities to collaborate with peers, participate in dialogue, and engage in simulations that will help them improve their critical thinking, reading, writing, and research skills. Two teachers (History and English) facilitate the course, but students are also a part of the team. This is a year-long course that meets for two consecutive periods every day in a large group format. Students will receive one required credit in U.S. History, and one required credit for Junior English.

AFRICAN AMERICAN STUDIES: EN486Y
Open to: 11 | Length: 1 year | Credit: 2
(1 US History, 1 Junior English 200)
PREREQUISITE: Successful completion of sophomore English
This course is highly recommended for students who are interested in studying history and literature in an integrated way. Through this course, students will learn about American culture, past and present, through a study of primary and secondary documents, literature, and the fine arts (music, paintings, material culture, architecture, and film). Through this course of study, students will recognize the rich dynamics of and connections between American history, literature, and culture. Students in this class have many opportunities to collaborate with peers, participate in dialogue, and engage in simulations that will help them improve their critical thinking, reading, writing, and research skills. Two teachers (History and English) facilitate the course, but students are also a part of the team. This is a year-long course that meets for two consecutive periods every day in a large group format. Students will receive one required credit in U.S. History, and one required credit for Junior English.
AP LANGUAGE AND COMPOSITION - HONORS: EN321Y N
Open to: 11 Length: 1 year Credit: 1
PREREQUISITE: Successful Completion of Sophomore English
AP Language and Composition students will analyze the effects of the decisions writers make as they compose and revise fiction, non-fiction, drama, poetry, and images. The readings will focus on an overview of American literature from the 1600s to contemporary pieces. In addition, students will produce intensive analytical and argumentative compositions that introduce complex ideas using specific evidence. Careful attention is given to the process of inquiry, research, drafting, editing, reviewing, and revising. A successful student in this course typically has earned a C or better in Sophomore English 200 or Sophomore English Honors.

CREATIVE WRITING - EN329, EN338 N
Open to: 12 Length: 1 semester Credit: 5
PREREQUISITE: Successful completion of Junior level English or concurrent enrollment
This course will explore various types of prose and poetry writing. Students will write several original works that will be evaluated on established criteria. Students will write regularly and share their work with classmates. Readings of professional authors and poets will model writing tasks for the students. Major required projects will include a final short story or substantial length as well as a poetry writer's handbook. Students can expect to write every day in Creative Writing. They will be given a wide variety of homework assignments, ranging from keeping a journal for the class to practice different writing techniques presented in class. A short story and poetry unit test will be given. This course is for students who truly enjoy writing. It will give students an opportunity to hone their writing skills and further develop their writing styles.

FILM AS LITERATURE: EN428, EN430 N
Open to: 12 Length: 1 semester Credit: 5
PREREQUISITE: Successful completion of Junior level English or concurrent enrollment
In this one-semester senior-level course, students will be challenged to understand, analyze, and evaluate how films and other visual media are interpreted. Students learn about the different techniques filmmakers often use to establish character, conflict, symbolism, and thematic patterns. Ultimately, classes discuss and write about how films and other texts interpret and express the worldviews and values of marginalized groups in society.

FIRST YEAR COMPOSITION I: EN101 DUAL CREDIT: ENDO50 N
Open to: 11, 12 Length: 1 year Credit: 5
PREREQUISITE: Recommendation of 8th-grade teacher
This course is a survey of British authors and works. Some works include Beowulf, The Canterbury Tales, Legends of King Arthur, Macbeth, and Nineteen Eighty-Four. This class provides an excellent background for the college-bound student. Essay writing and discussion are expected.

FIRST YEAR COMPOSITION II: EN102 DUAL CREDIT: ENDO50 N
Open to: 11, 12 Length: 1 semester Credit: 5
PREREQUISITE: Performance Series test scores and Recommendation of 8th-grade teacher
This course focuses on the researching, writing, and revising of analytical and argumentative essays. The second of a two-course sequence, it concentrates on the writing process, identifying and responding to different audiences and rhetorical contexts, and understanding the conventions of format and structure in various discourse communities. Students will complete academic writing assignments, including academic writing. The major project of the semester is an APA-formatted academic research paper. Students who earn a C or better earn college credit that may transfer to their chosen college or university.

FRESHMAN ENGLISH - HONORS: EN302 N
Open to: 9, 10 Length: 1 year Credit: 1
PREREQUISITE: Passing of Freshman Writing test scores and Recommendation of the 8th-grade teacher
This course is a study of the themes, topics, and characteristics of science fiction in representative short stories, novels, and dramatized science fiction. Discussions will include social, political, technological, supernatural, and religious themes based on selections of Kurt Vonnegut, Ray Bradbury, Arthur C. Clarke, and other futuristic writers. A novel, as well as numerous short stories, will be read. Two essays and oral presentations are expected.

FUNDAMENTALS OF SPEECH AND COMMUNICATION: EN350F, EN350S N
Open to: 12 Length: 1 semester Credit: 5
PREREQUISITE: Successful completion of Junior level English and meets WCC requirements
This course is a study of the themes, topics, and characteristics of science fiction in representative short stories, novels, and dramatized science fiction. Discussions will include social, political, technological, supernatural, and religious themes based on selections of Kurt Vonnegut, Ray Bradbury, Arthur C. Clarke, and other futuristic writers. A novel, as well as numerous short stories, will be read. Two essays and oral presentations are expected.

JUNIOR ENGLISH: EN221Y N
Open to: 11 Length: 1 year Credit: 1
PREREQUISITE: Successful completion of Sophomore level English
This yearlong course integrates the reading, analysis, and discussion of choice American literature along with a variety of intensive written compositions that will prepare students for college. Written assignments will range from research papers to in-class essays. Additionally, students will prepare for the ACT exam through test practice and study. This course will explore various types of prose and poetry writing. Students will write several original works that will be evaluated on established criteria. Students will write regularly and share their work with classmates. Readings of professional authors and poets will model writing tasks for the students. Major required projects will include a final short story or substantial length as well as a poetry writer's handbook. Students can expect to write every day in Creative Writing. They will be given a wide variety of homework assignments, ranging from keeping a journal for the class to practice different writing techniques presented in class. A short story and poetry unit test will be given. This course is for students who truly enjoy writing. It will give students an opportunity to hone their writing skills and further develop their writing styles.

MEDIA AND SOCIETY: EN424F, EN425S
Open to: 12 Length: 1 semester Credit: 5
PREREQUISITE: Successful completion of Junior level English or concurrent enrollment
Media and society emphasizes the increasing complexity of digital media technology within our everyday lives. It is designed to study the role of the media in social, cultural, political and economic life. Media from the Internet, newspapers, magazines, radio, sound recordings, television, motion pictures, advertising and public relations will be explored. Media theories as well as media politics and influence and globalization will also be studied. Students will learn how mass media affects them and how to become more critical consumers of mass media.

MUSIC: EN112Y N
Open to: 9, 10 Length: 1 year Credit: 1
PREREQUISITE: passing of Performance Series test scores and Recommendation of the 8th-grade teacher
This basic course in speech communication serves three primary goals: introduction to the theories of human communication; classroom experiences in a variety of communication situations, and evaluation of individual communicative behavior and public speaking. Successful students in this course have typically completed Junior English 200 with a C or better.

SCIENCE FICTION: EN439F, EN437S N
Open to: 12 Length: 1 semester Credit: 5
PREREQUISITE: Successful completion of Junior level English or concurrent enrollment
This yearlong course integrates the reading, analysis, and discussion of choice American literature along with a variety of intensive written compositions that will prepare students for college. Written assignments will range from research papers to in-class essays. Additionally, students will prepare for the ACT exam through test practice and study. This course is a study of the themes, topics, and characteristics of science fiction in representative short stories, novels, and dramatized science fiction. Discussions will include social, political, technological, supernatural, and religious themes based on selections of Kurt Vonnegut, Ray Bradbury, Arthur C. Clarke, and other futuristic writers. A novel, as well as numerous short stories, will be read. Two essays and oral presentations are expected.
SENIOR ENGLISH AND COMPOSITION: EN421Y
Open to: 12 Length: 1 year Credit: 1
PREREQUISITE: Successful completion of Junior level English or concurrent enrollment
This course prepares students for college-level reading and writing requirements by building off the skills developed throughout high school. Students will be asked to demonstrate a command of vocabulary, English language conventions, research skills, awareness of audience, the purpose of writing, style, and critical thinking through analysis. In order to achieve these goals, students will read a variety of classical and contemporary literature, as well as articles. The course provides students with the skills necessary for success in college-level courses. In accordance with and subject to the PWR Act, successful attainment of transitional English competencies in the areas of reading, writing, and critical thinking & analysis guarantees student placement into a community college English course.

SOPHOMORE ENGLISH: EN202Y
Open to: 10 Length: 1 year Credit: 1
PREREQUISITE: Successful completion of Freshman level English
This course engages students in a thematic comparative study of various themes found in different genres of literature. Assessments will include essays, discussions, and presentations as well as formal and informal speaking exercises. Students will be expected to complete in-class and out-of-class essays, as well as complete a speech component. Successful students in this course will need to have strong critical reading and writing skills.

WORLD LITERATURE: EN422F, EN423S
Open to: 12 Length: 1 semester Credit: .5
PREREQUISITE: Successful completion of Junior level English or concurrent enrollment
This course studies different genres of literature from around the world. A thematic approach will help students learn about other cultures and time periods in order to develop and challenge their own perspectives. Essay writing, discussion, and extensive reading are expected.

SOPHOMORE ENGLISH HONORS: EN203Y
Open to: 10 Length: 1 year Credit: 1
PREREQUISITE: Successful completion of Freshman level English
This course engages students in a thematic comparative study of various themes found in different genres of literature. Assessments will include essays, discussions, and presentations as well as formal and informal speaking exercises. Students will be expected to complete in-class and out-of-class essays, as well as complete a speech component. Successful students in this course will need to have strong critical reading and writing skills.
ADVANCED CERAMICS AND SCULPTURE PORTFOLIO: VA396Y
Open to: 10, 11, 12
Length: 1 year
Credit: 1
PREREQUISITE: 3 semesters of Art or teacher recommendation

Students will continue to explore and develop their technical skills in ceramics and sculpture. They will work to create a professional portfolio for use in college and the job market. The work created over the course of the year prepares students for the AP exam, which is a digital portfolio of works of art, process documentation, and written information about the work presented.

CERAMICS AND SCULPTURE 1: VA395F, VA395S
Open to: 10, 11, 12
Length: 1 semester
Credit: 5
PREREQUISITE: Visual Art and/or Digital Art

Students will develop fundamental techniques in ceramics (hand building), metalwork, and sculpture. Projects will explore various concepts and skills such as sculpting from life, creating functional vessels, working 3-dimensionally and addressing principles of design. Students will maintain a visual journal, exploring themes, media, and artistic ideas.

CERAMICS AND SCULPTURE 2: VA396F, VA396S
Open to: 10, 11, 12
Length: 1 semester
Credit: 5
PREREQUISITE: Ceramics and Sculpture 1

Students will be introduced to wheel-thrown pottery and advanced ceramic skills, such as modeling life-like forms in clay. New techniques in metalwork and sculpture will be addressed with an emphasis on the transformative use of everyday materials. Students will maintain a visual journal, exploring themes, media, and artistic ideas.

ADVANCED drawing and Painting PORTFOLIO: VA394Y
Open to: 10, 11, 12
Length: 1 year
Credit: 1
PREREQUISITE: 3 semesters of Art (at least one of which is Computer Art, Graphic Design, or Photography) or Visual Art and/or Digital Art

Students will explore and experiment with a variety of drawing and painting techniques and media to create a diverse portfolio of work that explores concepts and ideas. In order to develop a meaningful body of work, students will keep a visual journal that demonstrates research, evidence of idea exploration, media experimentation, and more. Students who are successful in this course typically earn a grade of “C” or better in their art courses.

AP drawing and Painting - Honors: VA463Y
Open to: 10, 11, 12
Length: 1 year
Credit: 1
PREREQUISITE: 3 semesters of Art or teacher recommendation

Students will work towards building a portfolio that demonstrates mastery of two-dimensional techniques and artistic processes. This course puts a focus on building a body of work around a single idea or guiding question. Students will keep a visual journal that demonstrates research, evidence of idea exploration, media experimentation, and revision while working towards building their body of work. The work created over the course of the year prepares students for the AP exam, which is a digital portfolio of works of art, process documentation, and written information about the work presented.

COMPUTER ART 1: VA210F, VA210S
Open to: 10, 11, 12
Length: 1 semester
Credit: 5
PREREQUISITE: Drawing 1

Students will continue to develop their observational drawing skills. Students will focus on creating original artwork that expresses their concepts and themes with a concentration in texture, line, value, color, and abstract art. Students will explore media such as graphite pencil, colored pencil, ballpoint pen, pen and ink, and unconventional drawing media. Students will maintain a visual journal, exploring themes, media, and artistic ideas.

COMPUTER ART 2: VA211F, VA211S
Open to: 10, 11, 12
Length: 1 semester
Credit: 5
PREREQUISITE: Computer Art

Students will continue to explore digital art with Adobe Creative Cloud and 3-D modeling programs. Emphasis will be placed on developing an understanding of advanced digital techniques and continued exploration of previously introduced software. These may include Adobe Photoshop, Adobe Illustrator, Adobe After Effects, digital animation and drawing as well as photographic concepts. Additionally, students will continue to develop an understanding of the techniques used in digital animation. Students will maintain a visual journal, exploring themes, media, and artistic ideas.

DIGITAL ART: VA391F, VA391S
Open to: 9, 10, 11, 12
Length: 1 semester
Credit: 5
PREREQUISITE: None

Students will develop and refine skills in photography, image editing, illustration, and basic animation. They will explore the elements and principles of design, students will utilize industry-standard Adobe Creative Cloud software and techniques to create digital works of art.

DRAWING 1: VA208F, VA208S
Open to: 10, 11, 12
Length: 1 semester
Credit: 5
PREREQUISITE: Visual Art and/or Digital Art

Students in Drawing 1 will learn to draw from observation and work to develop these skills throughout the course. Students will study color, line, value, artists, and art history through thematic units such as portraits, still life, obsessions, and abstract art. The exploration of media may include graphite pencil, colored pencil, ballpoint pen and pen & ink. Students will maintain a visual journal, exploring themes, media, and artistic ideas.

DRAWING 2: VA209F, VA209S
Open to: 10, 11, 12
Length: 1 semester
Credit: 5
PREREQUISITE: Drawing 1

Students in Drawing 2 will continue to develop their observational drawing skills. Students will focus on creating original artwork that expresses their concepts and themes with a concentration in texture, line, value, color, and abstract art. Students will explore media such as graphite pencil, colored pencil, ballpoint pen, linework, and unconventional drawing media. Students will maintain a visual journal, exploring themes, media, and artistic ideas.

ANIMATION: VA393Y
Open to: 10, 11, 12
Length: 1 year
Credit: 1
PREREQUISITE: Ceramics and Sculpture 2 or department approval

Students will explore the history of animation using a variety of traditional art techniques, building materials and digital technologies to create a diverse portfolio of drawing, stop-motion, photographed and digitally animated films. Students who are successful in this course typically earn a grade of “C” or better in their art courses. Students may repeat this course with increased expectations as they work to create a professional portfolio for use in colleges and the professional workplace.

ART AND COMMUNITY: VA299F, VA299S
Open to: 10, 11, 12
Length: 1 semester
Credit: 5
PREREQUISITE: Visual Art and/or Digital Art

In Art and Community, students will engage in collaborative and individual artistic responses to issues affecting their school, community, country and world. This course is for students who have taken at least one high school art course and are interested in how art impacts those around us. We will look to local and international artists who are getting their messages out through gallery and public artwork. All projects will surround the themes of expressing identity and culture within a larger community and will vary depending on student experience and interest; these could include found object sculptures, installations, public street art and other projects using non-traditional materials.

AP STUDIO ART: DRAWING/Painting - Honors: VA465F, VA465S
Open to: 10, 11, 12
Length: 1 year
Credit: 1
PREREQUISITE: 3 semesters of Art or teacher recommendation

Students will work towards building a portfolio that demonstrates mastery of three-dimensional techniques and artistic processes. This course puts a focus on building a body of work around a single idea or guiding question. Students will keep a visual journal that demonstrates research, evidence of idea exploration, media experimentation, and revision while working towards building their body of work. The work created over the course of the year prepares students for the AP exam, which is a digital portfolio of works of art, process documentation, and written information about the work presented.

ADVANCED DIGITAL ARTS PORTFOLIO: VA392Y
Open to: 10, 11, 12
Length: 1 year
Credit: 1
PREREQUISITE: Ceramics and Sculpture 2 or department approval

Students will explore a variety of sculpture and ceramic processes to create a diverse portfolio of work that addresses various design challenges. Experimentation with techniques will include but is not limited to carving, casting, assembly, installation, and site-specific art. In order to develop a meaningful body of work, students will keep a visual journal that demonstrates research, evidence of idea exploration, media experimentation, and more. Students who are successful in this class typically earn a grade of “C” or better in their art courses.

ADVANCED drawing and Painting PORTFOLIO: VA393Y
Open to: 10, 11, 12
Length: 1 year
Credit: 1
PREREQUISITE: 3 semesters of Art (at least one of which is Computer Art, Graphic Design, or Photography) or Department Approval

Students will further develop technical skills learned in Animation, Computer Art, Graphic Design, and/or Photography as they produce digital works that explore thematic and conceptual ideas. As students experiment with new tools and techniques, they will create a diverse portfolio that represents themselves as artists. In order to develop a meaningful body of work, students will keep a visual journal that demonstrates research, evidence of idea exploration, media experimentation, and more. Students who are successful in this class typically earn a grade of “C” or better in their art courses.

AP 2-D ART AND DESIGN - Honors: VA464Y
Open to: 10, 11, 12
Length: 1 year
Credit: 1
PREREQUISITE: 3 semesters of Art or teacher recommendation

Students will further develop technical skills learned in Animation, Computer Art, Graphic Design, and/or Photography as they produce digital works that explore thematic and conceptual ideas. As students experiment with new tools and techniques, they will create a diverse portfolio that represents themselves as artists. In order to develop a meaningful body of work, students will keep a visual journal that demonstrates research, evidence of idea exploration, media experimentation, and more. Students who are successful in this class typically earn a grade of “C” or better in their art courses.
FINE ARTS - ART CONT'D

GRAPHIC DESIGN 1: VA230F, VA230S
Open to: 10, 11, 12
Length: 1 semester
Credit: .5
PREREQUISITE: Visual Art and/or Digital Art

In Graphic Design 1, students will continue to develop 2-D graphic art principles and visual communication skills introduced in Graphic Design 1. Students will apply what they've learned as they collaborate and communicate with clients seeking graphic design services. Students will maintain a visual journal, exploring themes, media, and artistic ideas.

GRAPHIC DESIGN 2: VA231F, VA231S
Open to: 10, 11, 12
Length: 1 semester
Credit: .5
PREREQUISITE: Graphic Design 1

In Graphic Design 2, students will continue to develop 2-D graphic art principles and visual communication skills introduced in Graphic Design 1. Students will apply what they've learned as they collaborate and communicate with clients seeking graphic design services. Students will maintain a visual journal, exploring themes, media, and artistic ideas.

PAINTING 1: VA240F, VA240S
Open to: 10, 11, 12
Length: 1 semester
Credit: .5
PREREQUISITE: Visual Art and/or Digital Art

Students will explore and experience a variety of painting media including tempera, watercolor, acrylic and oil on canvas. We will focus on learning painting techniques, while exploring ways to express ourselves through the work. Students will maintain a visual journal, exploring themes, media, and artistic ideas.

PAINTING 2: VA241F, VA241S
Open to: 10, 11, 12
Length: 1 semester
Credit: .5
PREREQUISITE: Painting 1

Students will continue their exploration of painting techniques with a focus on guided self-expression and media experimentation. Students will have more opportunities to work with oil paint and non-traditional media. Students will maintain a visual journal, exploring themes, media, and artistic ideas.

PHOTOGRAPHY 1: VA250F, VA250S
Open to: 10, 11, 12
Length: 1 semester
Credit: .5
PREREQUISITE: Visual Art and/or Digital Art

Students will acquire a basic understanding of the manual features of a DSLR camera through an introduction to digital photography. Students apply camera techniques, basic studio lighting, and knowledge of the Elements and Principles of Art to create their photographs while incorporating Adobe Creative Cloud applications to refine and edit their images. Students will maintain a visual journal, exploring themes, media, and artistic ideas.

PHOTOGRAPHY 2: VA251F, VA251S
Open to: 10, 11, 12
Length: 1 semester
Credit: .5
PREREQUISITE: Photography 1

Students will investigate design and composition in depth through the use of DSLR cameras, advanced studio lighting, and Adobe Creative Cloud applications. Students will apply new and advanced photographic techniques to reach creative solutions in a variety of projects. We will focus on both commercial photography and fine art photography to enable student exploration of possible career paths. Students will maintain a visual journal, exploring themes, media, and artistic ideas.

VISUAL ART: VA240F, VA240S
Open to: 9, 10, 11, 12
Length: 1 semester
Credit: .5
PREREQUISITE: None

Students will be guided by the elements and principles of art in the creation of original artworks. The curriculum will include studio techniques in drawing, painting, and ceramics that will prepare them for future art classes. Students will also have opportunities to discuss and explore artworks and artists that have had an impact in the art world.

REHEARSALS AND PERFORMANCES:

All performance courses require rehearsals and performances that take place outside of the regular school hours. Please see the course handbook or syllabus for details on dates and times of these required rehearsals and concerts.

NON-PERFORMANCE MUSIC COURSES

AP MUSIC THEORY – HONORS: FA020F
Open to: 10, 11, 12
Length: 1 year
Credit: 1
PREREQUISITE: 2 years of music courses or department recommendation

This course is designed with the future professional musician in mind, though it is also very helpful for those who are serious about their musical knowledge and enrichment. Emphasis will be placed on the rules of music theory and principles of music composition. Students are encouraged to take the AP Music Theory Examination in May.

DIGITAL MUSIC PRODUCTION 1: FA025Y
Open to: 9, 10, 11, 12
Length: 1 semester
Credit: .5
PREREQUISITE: None

In Digital Music Production 1, you will use professional-grade audio recording and editing software to learn the basics of songwriting and music composition. Whether you like rap, hip-hop, rock, jazz, classical or metal, this class will help you understand how your favorite styles of music are created and how you go about creating them yourself. By the end of the class, you will be comfortable using Soundtrap to create music that fits your own style.

DIGITAL MUSIC PRODUCTION 2: FA028F
Open to: 9, 10, 11, 12
Length: 1 semester
Credit: .5
PREREQUISITE: Digital Music Production 1

In Digital Music Production 2, you will further develop as a digital musician and composer. You will continue to use professional-grade audio recording and editing software as you learn about music composition and production. You will explore how music interacts with video to tell a story (video game music, music video, etc.), collaborate with other students to record a multitrack song, and continue to develop a collection of music created entirely by you. By the end of the class, you will be comfortable using Logic Pro X.

DIGITAL MUSIC PRODUCTION STUDIO: FA025Y

In DMP Studio, students will further refine their production skills, musicianship, and creativity through writing and producing their own music. Working independently and as a class, students will develop a collection of original songs that work together thematically into an album. Students may repeat this course with increased expectations as they work to create a professional portfolio for use in college and the professional workplace.

MUSIC IN AMERICA 102: DUAL CREDIT
FA020F, FA020S
Open to: 10, 11, 12
Length: 1 semester
Credit: .5
PREREQUISITE: Digital Music Production 2

This course is an overview of America’s rich and diverse musical heritage from Colonial times to the present. Jazz, rock, folk and country, as well as music for the concert hall, stage and screen are explored. Successful students in this course have typically completed their previous English class with a “C” or better. Dual credit earned from VistaBonneau Community College in MUS102.
FINE ARTS - INSTRUMENTAL MUSIC

CONCERT BAND: FADDY
Open to: 9, 10, 11, 12  Length: 1 year  Credit: 1
PREREQUISITE: Band experience or department approval

Concert Band adheres to the principles of music for all and instills performance fundamentals while preparing two performances each semester in a less stressful atmosphere. Further, students with a desire to gain experience on a secondary instrument are encouraged to register for this ensemble.

FRESHMAN BAND: FADDY
Open to: 9  Length: 1 year  Credit: 1
PREREQUISITE: 8th-grade band or department approval

Freshman Bands are available to all wind and percussion performers in grade 9. Students focus on fundamentals intended to develop high-level musicianship. Students audition during the first week of school for part and seat placement only, and every effort is made to develop two equal ensembles during the registration process.

SYMPHONIC WINDS: FADDY
Open to: 10, 11, 12  Length: 1 year  Credit: 1
PREREQUISITE: Band experience and audition or department approval

Symphonic Winds is the third concert ensemble with placement by audition only. This ensemble is devoted to the study and performance of important wind band literature while continuing work in the development of the instrumental craft.

WIND ENSEMBLE: FADDY
Open to: 10, 11, 12  Length: 1 year  Credit: 1
PREREQUISITE: Band experience and audition or department approval

Wind Ensemble is an advanced instrumental group with a major emphasis on preparing and performing challenging wind band literature for performance.

WIND SYMPHONY - HONORS: FADDY
Open to: 10, 11, 12  Length: 1 year  Credit: 1
PREREQUISITE: Band experience and audition or department approval

Wind Symphony has a dual focus on improving performance fundamentals and preparing literature for concert. The ensemble performs a wide variety of music, mostly consisting of grade 2 and 3 repertories. Additional emphasis is placed on individual instrumental techniques and musicianship.

JAZZ BAND: SPODY
Open to: 9, 10, 11, 12  Length: 1 year  Credit: 0
PREREQUISITE: Audition or department approval

Jazz Band is a non-credit extracurricular band that meets everyday during SHLunch. Students will perform in school concerts, as well as festivals and clinics. Jazz Band adheres to the principles of music for all and instills performance fundamentals while preparing two performances each semester in a less stressful atmosphere. Further, students with a desire to gain experience on a secondary instrument are encouraged to register for this ensemble.

JAZZ ENSEMBLE: SPODY
Open to: 9, 10, 11, 12  Length: 1 year  Credit: 0
PREREQUISITE: Audition or department approval

Jazz Ensemble is a non-credit extracurricular band that meets everyday during SHLunch. Students will perform in school concerts, as well as festivals and clinics. Jazz Ensemble adheres to the principles of music for all and instills performance fundamentals while preparing two performances each semester in a less stressful atmosphere. Further, students with a desire to gain experience on a secondary instrument are encouraged to register for this ensemble.

JAZZ LAB: SPODY
Open to: 9, 10, 11, 12  Length: 1 year  Credit: 0
PREREQUISITE: Audition or department approval

Jazz Lab Band is a non-credit extracurricular band that meets everyday during SHLunch. Students will perform in school concerts, as well as festivals and clinics. Jazz Lab Band adheres to the principles of music for all and instills performance fundamentals while preparing two performances each semester in a less stressful atmosphere. Further, students with a desire to gain experience on a secondary instrument are encouraged to register for this ensemble.

STAGE BAND: SPODY
Open to: 9, 10, 11, 12  Length: 1 year  Credit: 0
PREREQUISITE: Audition or department approval

Stage Band is a non-credit extracurricular band that meets everyday during SHLunch. Students will perform in school concerts, as well as festivals and clinics. Stage Band adheres to the principles of music for all and instills performance fundamentals while preparing two performances each semester in a less stressful atmosphere. Further, students with a desire to gain experience on a secondary instrument are encouraged to register for this ensemble.

WIND SYMPHONY - HONORS: SPODY
Open to: 10, 11, 12  Length: 1 year  Credit: 1
PREREQUISITE: Band experience and audition or department approval

Wind Symphony has a dual focus on improving performance fundamentals and preparing literature for concert. The ensemble performs a wide variety of music, mostly consisting of grade 2 and 3 repertories. Additional emphasis is placed on individual instrumental techniques and musicianship.

JAZZ BAND: SPODY
Open to: 9, 10, 11, 12  Length: 1 year  Credit: 0
PREREQUISITE: Audition or department approval

Jazz Band is a non-credit extracurricular band that meets everyday during SHLunch. Students will perform in school concerts, as well as festivals and clinics. Jazz Band adheres to the principles of music for all and instills performance fundamentals while preparing two performances each semester in a less stressful atmosphere. Further, students with a desire to gain experience on a secondary instrument are encouraged to register for this ensemble.

JAZZ ENSEMBLE: SPODY
Open to: 9, 10, 11, 12  Length: 1 year  Credit: 0
PREREQUISITE: Audition or department approval

Jazz Ensemble is a non-credit extracurricular band that meets everyday during SHLunch. Students will perform in school concerts, as well as festivals and clinics. Jazz Ensemble adheres to the principles of music for all and instills performance fundamentals while preparing two performances each semester in a less stressful atmosphere. Further, students with a desire to gain experience on a secondary instrument are encouraged to register for this ensemble.

JAZZ LAB: SPODY
Open to: 9, 10, 11, 12  Length: 1 year  Credit: 0
PREREQUISITE: Audition or department approval

Jazz Lab Band is a non-credit extracurricular band that meets everyday during SHLunch. Students will perform in school concerts, as well as festivals and clinics. Jazz Lab Band adheres to the principles of music for all and instills performance fundamentals while preparing two performances each semester in a less stressful atmosphere. Further, students with a desire to gain experience on a secondary instrument are encouraged to register for this ensemble.

STAGE BAND: SPODY
Open to: 9, 10, 11, 12  Length: 1 year  Credit: 0
PREREQUISITE: Audition or department approval

Stage Band is a non-credit extracurricular band that meets everyday during SHLunch. Students will perform in school concerts, as well as festivals and clinics. Stage Band adheres to the principles of music for all and instills performance fundamentals while preparing two performances each semester in a less stressful atmosphere. Further, students with a desire to gain experience on a secondary instrument are encouraged to register for this ensemble.
A Cappella Choir - Honors: FA007Y
Open to: 10, 11, 12  Length: 1 year  Credit: 1
PREREQUISITE: Choral experience and audition or department approval
A Cappella Choir is the most advanced choral group and regularly performs the collegiate-level choral literature. Continued study of vocal production, musicianship, sight-reading, and ensemble singing is emphasized in this course. In addition to quarterly evening concerts, A Cappella Choir sings at additional performances and events throughout the year. Participation in overnight tours is not required but highly recommended.

Bel Canto Choir: FA003Y
Open to: 9, 10, 11, 12  Length: 1 year  Credit: 1
PREREQUISITE: None, but previous choral experience is preferred
Bel Canto Choir is an entry-level chorus for treble voices, which offers instruction and practice in the fundamental techniques of singing. Vocal production, music theory, and music reading, as well as both ensemble and solo singing, are explored and rehearsed in this choir.

Dorian Choir: FA001Y
Open to: 9  Length: 1 year  Credit: 1
PREREQUISITE: None, but previous choral experience is preferred
Dorian Choir is an entry-level chorus for treble voices, which offers instruction and practice in the fundamental techniques of singing. Vocal production, music theory, and music reading, as well as both ensemble and solo singing, are explored and rehearsed in this choir.

Lyric Chorus: FA005Y
Open to: 10, 11, 12  Length: 1 year  Credit: 1
PREREQUISITE: Choral experience and audition or department approval
Lyric Chorus is an intermediate treble choir that develops music reading, theory, vocal technique, and both ensemble and solo singing. In addition to the quarterly evening concerts, Lyric Chorus is part of West High's annual Madrigal Dinner.

Mixed Ensemble: FA004Y
Open to: 10, 11, 12  Length: 1 year  Credit: 1
PREREQUISITE: Choral experience and audition or department approval
Mixed Ensemble is an intermediate mixed choir that develops music reading, theory, vocal technique, and both ensemble and solo singing. In addition to the quarterly evening concerts, sopranos and altos in Mixed Ensemble are part of West High's annual Madrigal Dinner.

Varsity Singers: FA002Y
Open to: 9, 10, 11, 12  Length: 1 year  Credit: 1
PREREQUISITE: Band experience and audition or department approval
Wind Symphony is the most advanced instrumental group and performs the finest repertoire for wind band including both contemporary and classic works, as well as transcriptions and marches. This ensemble has a long and rich history of performance excellence. The Wind Symphony rehearses every Thursday night after the marching band season has concluded.

Acabelles: SP014Y-A
Open to: 10, 11, 12  Length: 1 year  Credit: 0
PREREQUISITE: Audition or department approval
Acabelles is an a cappella group that learns and performs choral literature as well as a cappella arrangements of popular songs. Acabelles is a non-credit extracurricular choir that meets everyday during SH/Lunch. Students in Acabelles must also be enrolled in a curricular choir.

Madrigal Singers: SP014Y
Open to: 10, 11, 12  Length: 1 year  Credit: 0
PREREQUISITE: Audition or department approval
CO-REQUISITE: Enrollment in A Cappella Choir
Madrigal Singers learn, rehearse, and perform a wide variety of unaccompanied vocal music. Students perform in concerts as well as at festivals, civic events, clinics, and at the annual Madrigal Dinner. Madrigal Singers is a non-credit extracurricular choir that meets everyday during SH/Lunch. This group has a number of additional rehearsals outside the school day. Students in Madrigal Singers must also be enrolled in a curricular choir.

Study Hall: SP014Y-S
Open to: 9, 10, 11, 12  Length: 1 year  Credit: 0
PREREQUISITE: Department approval
STUDY HALL is a vocal a cappella group that learns to sing a variety of styles of music including barbershop, a cappella arrangements of popular songs, and standard choral literature. STUDY HALL is a non-credit extracurricular choir that meets everyday during SH/Lunch. Students in STUDY HALL must also be enrolled in a curricular choir.
DIVERSITY IN AMERICAN THEATRE: DUAL CREDIT

Open to: 10, 11, 12
Length: 1 semester
Credit: .5
PREREQUISITE: None

This course examines American dramas and dramatists that reflect the racial, immigrant and minority experiences in the U.S. The study includes an analysis of themes, conflicts and racial/ethnic/minority characterizations in historical, social and cultural contexts. The course demonstrates how theatre, as an art form reflects and comments on society. Successful students in this course have typically completed their previous English class with a "C" or better. Dual credit earned from Waubonsee Community College in THE 130.

THEATRE PERFORMANCE: TAD03Y

Open to: 10, 11, 12
Length: 1 year
Credit: 1
PREREQUISITE: Theatre Arts or Department Approval

Students will more deeply study aspects of performance that were introduced in Theatre Arts: Introduction to Acting. Students will learn and apply different philosophies of acting by studying methods developed by Stanislavsky and Meisner as well as develop improvisation techniques to enhance performance. Students will expand their knowledge of theatre history and genres through unit studies of Greek, Elizabethan, British Farce, French Renaissance, Restoration, Commedia dell’arte, Melodrama and American theatre. Students will develop their skills in character analysis and development, script analysis, research and performance, costuming, makeup, blocking, movement, voice and public performance.

THEATRE TECH AND DESIGN: TAD04Y

Open to: 9, 10, 11, 12
Length: 1 year
Credit: 1
PREREQUISITE: None

Students will immerse themselves in different aspects of technical theatre including theatre technology, set and scenery design, set construction, lighting design, sound design, rigging, and prop construction. Students will learn about and execute the various personnel roles in the theatre such as Stage Manager, Production Manager, and HouseManager. Students may repeat this course with increased expectations as they work to create a professional portfolio of all work in design and application for use in college and professional workplace.

THEATRE ARTS: INTRODUCTION TO ACTING: TAD00Y

Open to: 9, 10, 11, 12
Length: 1 year
Credit: 1
PREREQUISITE: None

Students will develop their understanding of performance and technical theatre fundamentals. Incorporating theatrical elements including characterization, stage directions and terminology, basic costuming, stage makeup, movement, and improvisation, students will gain a deeper understanding of the origins of theatre and stage delivery. Students will interpret scripts to study scenes and monologues, as well as work in a scene shop environment, gaining hands-on experience with professional lighting and sound equipment as they create their own scenic designs.

HEALTH OCCUPATION SCIENCE ACADEMY
HEALTH SCIENCE 1: HAZBURY PIP  
Open to: 10  
Length: 1 year  
Credit: 1  
PREREQUISITE: None  
This course provides students with background information on health care and begins to expose students to different health careers through guest speakers, field trips, and job shadowing experiences. Some topics include the history of health care, roles and responsibilities of health care workers, microbiology, genetics, common diseases, introduction to medical terminology and human anatomy.

HEALTH SCIENCE 2: HAZBURY PIP  
Open to: 11  
Length: 1 year  
Credit: 1  
PREREQUISITE: None  
This course continues to explore health careers and begins to develop specific health care skills and general job-related skills. Some topics include: growth and development, team work, use of technology, nutritional analysis, vital signs, basic anatomy/physiology and focusing on issues in diseases and medical terminology.

HEALTH SCIENCE 3- BASIC NURSE ASSISTANT TRAINING: MAASOS PIP  
Open to: 12  
Length: 1 semester  
Credit: 5  
PREREQUISITE: Successful completion of competencies in Health Science courses as determined by the instructor  
This class meets for two class periods. Students enrolled in the Academy will enroll in health science-related classes during the 1st semester. These courses include classroom work, lab work and clinical experiences. During the 2nd semester students may be placed in Directed Study in Health Science based on prerequisites, certification, graduation requirements met, and teacher recommendation. Note: Due to state attendance requirements, students must register by the first day of class. Included in the fees are: $60 for state attendance requirements, students must register by the first day of class. Included in the fees are: $60 for state attendance requirements, students must register by the first day of class. Included in the fees are: $60 for state attendance requirements, students must register by the first day of class. Included in the fees are: $60 for state attendance requirements, students must register by the first day of class. Included in the fees are: $60 for state attendance requirements, students must register by the first day of class. Included in the fees are: $60 for state attendance requirements, students must register by the first day of class. Included in the fees are: $60 for state attendance requirements, students must register by the first day of class. Included in the fees are: $60 for state attendance requirements, students must register by the first day of class. Included in the fees are: $60 for state attendance requirements, students must register by the first day of class. Included in the fees are: $60 for state attendance requirements, students must register by the first day of class. Included in the fees are: $60 for state attendance requirements, students must register by the first day of class. Included in the fees are: $60 for state attendance requirements, students must register by the first day of class. Included in the fees are: $60 for state attendance requirements, students must register by the first day of class. Included in the fees are: $60 for state attendance requirements, students must register by the first day of class. Included in the fees are: $60 for state attendance requirements, students must register by the first day of class. Included in the fees are: $60 for state attendance requirements, students must register by the first day of class. Included in the fees are: $60 for state attendance requirements, students must register by the first day of class. Included in the fees are: $60 for state attendance requirements, students must register by the first day of class. Included in the fees are: $60 for state attendance requirements, students must register by the first day of class. Included in the fees are: $60 for state attendance requirements, students must register by the first day of class. Included in the fees are: $60 for state attendance requirements, students must register by the first day of class. Included in the fees are: $60 for state attendance requirements, students must register by the first day of class. Included in the fees are: $60 for state attendance requirements, students must register by the first day of class. Included in the fees are: $60 for state attendance requirements, students must register by the first day of class. Included in the fees are: $60 for state attendance requirements, students must register by the first day of class. Included in the fees are: $60 for state attendance requirements, students must register by the first day of class. Included in the fees are: $60 for state attendance requirements, students must register by the first day of class.

MEDICAL TERMINOLOGY AND ETHICS: HAZBURY  
Open to: 10, 11, 12  
Length: 1 year  
Credit: 1  
PREREQUISITE: None  
This course is designed to teach words elements of roots, combining forms, suffixes, and prefixes, definitions, spelling and the use of correct abbreviations of medical terms. The course content is organized around body systems and emphasizes the terminology and application related to health information technology.

MEDICAL RESEARCH AND LITERATURE: MAASOS  
Open to: 12  
Length: 1 semester  
Credit: 5  
PREREQUISITE: Junior English  
This semester course challenges students to refine their reading comprehension and writing skills while focusing on healthcare-related themes. A selection of novels, short stories, poetry, film, and technical writing exploring such topics as patient care, medicine, empathy, mental health, and bioethics will prepare students for post-secondary education and careers in the healthcare field. Tailored for seniors in the Health Academy, this rigorous literature course fulfills an English graduation requirement and creates a path for further study in their chosen field.
ALGEBRA 1 HONORS: MA217Y
Open to: 9
Length: 1 year
Credit: 1
PREREQUISITE: Middle School Placement or Curriculum Coordinator recommendation

The honors course covers all topics in algebra 1, with additional topics that prepare students for honors algebra 2. There is an accelerated pace in this course. In addition, the course explores topics in greater depth, and integrates project-based learning. This course meets the needs of the accelerated middle school student population, who may require a better foundation in algebra, and will better prepare students for the rigor of the honors curriculum in high school.

AP CALCULUS BC WITH ANALYTIC GEOMETRY I - HONORS MTH131 DUAL CREDIT: MA425Y
Open to: 12
Length: 1 semester
PREREQUISITE: MTH131

This first course in calculus and analytic geometry covers inequalities, limits and continuity; definition of derivative, rate of change, slope, derivatives of polynomials, rational and trigonometric functions; chain rule, implicit differentiation, approximation by differentials; higher-order derivatives, Rolle's Theorem, Mean Value Theorem, applications of derivatives, introduction to anti-derivatives and definite integrals, the fundamental theorem of calculus, areas and numerical integration. This course follows the Advanced Placement course syllabus for Calculus BC along with Waubonsee's course syllabus for Math 131.

AP CALCULUS BC WITH ANALYTIC GEOMETRY II MTH132 - DUAL CREDIT: MA426Y
Open to: 12
Length: 1 year
PREREQUISITE: MTH131

This second course in calculus and analytic geometry covers sequences, elementary functions, vectors, analytic geometry, and the unit circle. This course requires the use of graphing calculators.

AP STATISTICS HONORS: MA335Y
Open to: 11
Length: 1 year
Credit: 1
PREREQUISITE: Teacher Recommendation

Topics covered include: exploring data (observing patterns and departures from patterns), designing a study (deciding what and how to measure), anticipating patterns (producing models using probability theory and simulation), statistical inference (confirming models and hypothesis testing). This course is equivalent to a one-semester, non-calculus based, introductory statistics college course. NOTE: This is not equivalent to a college statistics class in Mathematics. Any AP credit earned would be in the area of Social Science.

CALCULUS II - HONORS: DUAL CREDIT: MADC501F
Open to: 12
Length: 1 semester
Credit: 1
PREREQUISITE: MTH113

This first course in calculus and analytic geometry is a continuation of MTH113. Topics include vectors, vector-valued functions, space curves, multivariate functions, partial derivatives, differentials, directional derivatives, gradients, double and triple integrals, vector fields, line integrals, and the theorems of vector calculus. A C" or better in Calculus II is required for placement. This course is dual credit. Students will receive 4 credit hours upon successful completion of a C or better.

COLLEGE ALGEBRA: DUAL CREDIT: MA204F
Open to: 11
Length: 1 semester
Credit: 1
PREREQUISITE: MTH102

This course is intended to prepare the STEM student with basic algebraic concepts needed to continue onto MTH131. Topics include: real numbers, complex numbers, solutions of inequalities and equations, coordinate systems, functions, polynomials, rational functions, and logarithmic and exponential functions. This course is Dual Credit through Waubonsee Community College. Successful completion of this course is worth 3 credit hours. 75% or better in Algebra 2 is needed to be placed into this class.

FINANCIAL MATH: MA429F, MA420
Open to: 11
Length: 1 semester
Credit: 5
PREREQUISITE: None

Students will apply algebra concepts to a variety of business and financial situations. Applications will include income, insurance, credit, banking, taxation, stocks and bonds, and finance.

GEOMETRY EOSS: MA218Y
Open to: 9, 10, 11
Length: 1 year
Credit: 1
PREREQUISITE: Teacher Recommendation

This is the traditional year of Euclidean Plane Geometry. Emphasis is on assisting structure and logical proof. Additional units include an introduction to right triangle trigonometry and area and volume of solids.

PRE-CALCULUS-HONORS: MA345Y
Open to: 10, 11, 12
Length: 1 year
Credit: 1
PREREQUISITE: Algebra 2

Study of pre-calculus topics such as properties of real numbers, trigonometry and trigonometric functions, limits, sequences, elementary functions, and analytic geometry. Experience with graphing calculators is incorporated. This course will prepare students for college-level math leading up to Calculus.

PRE-CALCULUS-HONORS: MA345Y
Open to: 10, 11, 12
Length: 1 year
Credit: 1
PREREQUISITE: Teacher Recommendation

An intensive study of pre-calculus topics such as properties of real numbers, trigonometry and trigonometric functions, limits, sequences, elementary functions, vectors, analytic geometry and some introduction to calculus of polynomial functions. This course requires the use of graphing calculators. Students typically earn a “C” or better in Algebra 2 Honors. In the last 2 months, students will begin Calculus including a study of the derivatives of elementary, trigonometric, logarithmic and exponential functions.
A lot of events in our life seem random or impossible to predict. However, with probability theory, we can learn more about these things to solve interesting problems that range from the lottery to diagnosing medical diseases. By teaching you basic principles and more advanced topics about theorems and models, this class will give you the tools to see the world in a different way that may not be intuitive but is proved by the math behind it.

Sequential Algebra 1A/1B: MA101Y N
Open to: 9 Length: 1 year Credit: 1
PREREQUISITE: Middle school placement or Curriculum Coordinator recommendation

This course is the first half of the traditional one-year Algebra course, taken over two years. It begins with order of operations and a review of fractions and decimals, and then concentrates on trigonometric, exponential, and logarithmic functions and their applications. Topics covered include the trigonometric functions, solution of right triangles, radian measure, fundamental identities, angular measure, graphs, logarithms, functions of composite angles, oblique triangles, trigonometric equations, inverse trigonometric functions, and complex numbers (including powers and roots). A “C” or better in College Algebra is required. This course is dual credit. Students will receive 3 credits upon successful completion with a C or better.

Technical Mathematics: Dual Credit MADC69Y
Open to: 11, 12 Length: 1 semester Credit: 0.5
PREREQUISITE: Teacher Recommendation

Statistics is in the Quantitative Literacy and Statistics Pathway for students who focuses on attaining competency in general statistics, data analysis, quantitative literacy, and problem-solving. This pathway is intended for students whose career goals do not involve occupations relating to either the STEM or Technical Math Pathway or those who have not yet selected a career goal. In accordance with and subject to the PWAR Act, successful attainment of transitional mathematics competencies in the Quantitative Literacy and Statistics Pathway guarantees student placement into a community college GECC mathematics course not in a calculus-based course sequence which includes general education statistics, general education mathematics, quantitative literacy, or elementary math modeling.

Trigonometry Dual Credit: MA102S N
Open to: 12 Length: 1 semester Credit: 0.5
PREREQUISITE: MA101

This course is designed for students who have completed the first half of the Algebra sequence (MA100S). It covers the trigonometric functions, solution of right triangles, radian measure, fundamental identities, angular measure, graphs, logarithms, functions of composite angles, oblique triangles, trigonometric equations, inverse trigonometric functions, and complex numbers (including powers and roots). A “C” or better in College Algebra is required. This course is dual credit. Students will receive 3 credits upon successful completion with a C or better.

Physical, Health, & Drivers Education

Physical, Health, & Drivers Education

Freshman

MATH CONT’D
This course incorporates FITT principles into activities that individuals could participate in over a lifetime. These activities include: badminton, volleyball, softball, tennis, jogging/speed walking and golf. All students will be fitness tested using the Fitnessgram assessments per the State of Illinois. *This course will utilize heart rate monitors during fitness activities to allow students to self-assess their fitness levels.

**SOCIAL AND SAFETY EDUCATION**

This course offers students the opportunity to develop leadership skills, learn how to teach a skill, develop conflict resolution techniques, and are exposed to other strategies needed to be a teacher. This course will utilize heart rate monitors during fitness activities to allow students to self-assess their fitness levels.

**OFFICIATING AND COACHING**

This is a three-phase program: Classroom, simulation, and behind the wheel. It is designed to help the student learn basic car control and observation of human and natural laws. It emphasizes defensive driving. Students will be assigned according to the oldest first. A participation fee is required in addition to the state registration fee. A student who has taken Driver Education and failed any portion of the course will be placed at the end of the waiting list and will be required to pay a participation fee if he/she repeats the class. A student must pass all parts of the Driver Education course to be eligible to take the driving test for a license. Students will receive two grades: a classroom grade and a lab grade. Students have a pass/fail option for the class grade; however, the lab grade is not factored into the GPA. No Drivers Education from an outside source will be accepted for credit.

**FRESHMAN PHYSICAL EDUCATION**

Open to: 9 Length: 1 semester Credit: .5

This course will utilize heart rate monitors during fitness activities to allow students to self-assess their fitness levels.

**PHYSICAL EDUCATION LEADERSHIP 1**

Open to: 10, 11, 12 Length: 1 semester Credit: .5

This course offers students the opportunity to develop leadership skills, learn how to teach a skill, develop conflict resolution techniques, and are exposed to other strategies needed to be a teacher. This course will utilize heart rate monitors during fitness activities to allow students to self-assess their fitness levels.

**PHYSICAL EDUCATION LEADERSHIP 2**

Open to: 10, 11, 12 Length: 1 semester Credit: .5

This course offers students the opportunity to apply skills learned in the Leader 1 course in the general PE classroom setting. All students will be fitness tested using the Fitnessgram assessments per the State of Illinois.

**PHYSICAL EDUCATION LEADERSHIP 3**

Open to: 11, 12 Length: 1 semester Credit: .5

This course will expand on the fitness skills and concepts developed in Sophomore PE. Students will continue to participate in team and individual skill activities and utilize heart rate monitors. The content covered in this class will continue to prepare the students for their coursework in Jr/Sr level courses. All students will be fitness tested using the Fitnessgram assessments per the State of Illinois. *This course will utilize heart rate monitors during fitness activities to allow students to self-assess their fitness levels.

**PERSONAL FITNESS PHYSICAL EDUCATION**

Open to: 11, 12 Length: 1 semester Credit: .5

This course incorporates FITT principles into activities that individuals could participate in over a lifetime. These activities include: badminton, volleyball, softball, tennis, jogging/speed walking and golf. All students will be fitness tested using the Fitnessgram assessments per the State of Illinois. *This course will utilize heart rate monitors during fitness activities to allow students to self-assess their fitness levels.

**TEAM SPORTS**

Open to: 11, 12 Length: 1 semester Credit: .5

The team sports classes will incorporate the general PE curriculum. The classes can be repeated, but only credit will be accepted for the first repetition. The first repetition will be a General PE course. Students who pass all parts of the course will be eligible to take the driving test for a license. Students will receive two grades: a classroom grade and a lab grade. Students have a pass/fail option for the class grade; however, the lab grade is not factored into the GPA. No Drivers Education from an outside source will be accepted for credit.
This is an introduction to the methods used to study the solar system, galaxy, and universe. It also includes a detailed study of the earth and the other planets with an emphasis on man's history and future in space exploration.

**BIOLOGY:** SC03ZY N
Open to: 10, 11, 12
Length: 1 year
Credit: 1
**PREREQUISITE:** Honors Chemistry course, geometry course or teacher recommendation

Conceptual Physics is a course intended for 11th and 12th graders seeking a full-year lab science course following Chemistry. Much of the concepts are the same as a traditional physics course, except the mathematical applications are less intensive. This course is not recommended for those who will pursue science after high school. Primary concepts include: motion, Newton's laws, forces, work, energy, momentum, waves, sound and light. The focus is on daily applications and hands-on activities.

**ENVIRONMENTAL SCIENCE:** SC013F, SC014S
Open to: 10, 11, 12
Length: 1 semester
Credit: 1
**PREREQUISITE:** Minimum of 1 science credit or concurrent enrollment in a core science course

This course is designed to introduce students to major ecological concepts and the environmental problems that affect the world in which they live. The curriculum focuses on real-life issues, promoting awareness and understanding of everyday problems. Emphasis is placed on students working together towards possible solutions.

AP CHEMISTRY - HONORS: SC42ZY N
Open to: 10, 11, 12
Length: 1 year
Credit: 1
**PREREQUISITE:** Honors Biology or teacher recommendation and completed an Algebra sequence

Sophomore Honors Chemistry is a laboratory science course in which students investigate the composition of matter and the physical and chemical changes it undergoes. Students learn skills to study the fundamental structure of atoms, the way atoms combine to form compounds, and the interactions between matter and energy.

**AP PHYSICS 1 - HONORS:** SC32ZY N
Open to: 10, 11, 12
Length: 1 year
Credit: 1
**PREREQUISITE:** Teacher recommendation, passed one year of Geometry. Concurrent enrollment in Pre-Calculus is recommended

This course uses the concept development approach. Concepts are used to help the student understand the nature of the physical world, and then is used to solve problems. A laboratory is a basic tool for exploring, learning and is supplemented with Mechanical Universe excerpts and simulations. Topics include: mechanics, relativity, energy, electricity, sound and light.

AP PHYSICS 2 - HONORS: SC421Y N
Open to: 11, 12
Length: 1 year
Credit: 1
**PREREQUISITE:** B or better in Physics, passed AP Physics 1, or teacher recommendation

This intensive second-year course in Physics is for students seeking additional topics in Physics. This course follows the National AP Physics 2 curriculum as prescribed by the College Board. The course is not calculus based and therefore students should be careful to examine the ramifications of this course based on college plans. Please consult your guidance counselor or science instructor for more details.

AP CHEMISTRY - HONORS: SC42ZY N
Open to: 10, 11, 12
Length: 1 year
Credit: 1
**PREREQUISITE:** Teacher-directed "content coverage" model of instruction to develop reasoning skills essential to the science practices as well as crosscutting concepts are used to promote a deeper understanding of the disciplinary core ideas in biology as well as related Earth science topics. Independent study and group projects facilitated by the instructor are intended to develop a greater understanding of the complexity, diversity, and interconnectedness of life on Earth.

**ENVIRONMENTAL SCIENCE:** SC013F, SC014S
Open to: 10, 11, 12
Length: 1 semester
Credit: 5
**PREREQUISITE:** Minimum of 1 science credit or concurrent enrollment in a core science course

This course is designed to introduce students to major ecological concepts and the environmental problems that affect the world in which they live. The curriculum focuses on real-life issues, promoting awareness and understanding of everyday problems. Emphasis is placed on students working together towards possible solutions.
INTRODUCTION TO BIOLOGY BIO100 - DUAL CREDIT (LECTURE): SC300F
Open to: 12  
Length: 1 semester  
Credit: 0.5
PREREQUISITE: Complete Biology and Chemistry  
This general survey course deals with selected concepts and theories in biology such as organization, function, heredity, evolution and ecology. Biology issues with personal and social implications are introduced to allow students to make informed decisions regarding issues with a biological basis. Not intended for students majoring in biology or the health professions.

INTRODUCTION TO BIOLOGY LABORATORY BIO101 - DUAL CREDIT: SCDC504S, SCDC502S
Open to: 12  
Length: 1 semester
PREREQUISITE: A "B" or better in Biology or Biology Honors and a "C" or better in Chemistry or Chemistry Honors  
A laboratory course intended to be taken concurrently with BIO100. This course explores selected concepts and theories in biology such as organization, function, heredity, evolution and ecology through laboratory exercises.

PHYSICS: SC308Y
Open to: 10, 11  
Length: 1 year  
Credit: 1
PREREQUISITE: Chemistry course, Geometry and teacher recommendation  
This course is a presentation of the laws of nature with the study and confirmation of these laws in the laboratory. It develops fact-pursuing skills along with problem-solving techniques. It includes units in the following areas: motion, Newton's laws, forces, work, energy, momentum, waves, sound, light, mechanics, and electrical energy. NOTE: Technical Geometry does not fulfill the prerequisite.

HUMAN BIOLOGY (LECTURE) BIO102 - DUAL CREDIT: SC304S
Open to: 12  
Length: 1 semester  
Credit: 0.5
PREREQUISITE: Any Physics course or concurrent enrollment or teacher recommendation  
Must run concurrently with BIO 103  
This general survey course focuses on the biology of the human organism. Concepts include the structure, organization, and function of human systems with a focus on the interconnections of these systems, health and disease, growth and development, genetics, and evolution. Emphasis is placed on the relationship of the issues to the individual and society.

HUMAN BIOLOGY LABORATORY BIO103 - DUAL CREDIT: SCDC500S
Open to: 11, 12  
Length: 1 semester  
Credit: 1
PREREQUISITE: Any Physics course or concurrent enrollment or teacher recommendation  
Must run concurrently with BIO 102  
A laboratory course intended to be taken concurrently with BIO100, this course explores selected concepts and theories in biology such as organization, function, heredity, evolution and ecology through laboratory exercises.
AP European History – Honors: SS211Y
Open to: 10 Length: 1 year Credit: 1
PREREQUISITE: Teacher recommendation
AP European History will examine how and why European societies have changed historically over time. Beginning with the historical era of the Renaissance, students will gain insight into the political, economic and social factors of European society. Students will utilize a variety of supplementary materials in class; including, primary and secondary sources, maps, graphs, charts, political cartoons and biographical readings. The AP curriculum, as established by the Advanced Placement Council Board, demands analytical skills within a rigorous academic context. The in-depth reading, writing and analytical skills are greater than that required in a regular high-school level history survey class. This course will prepare students for the AP European History Exam, given annually in May.

AP Psychology – Honors: SS314Y
Open to: 11 - 12 Length: 1 year Credit: 1
PREREQUISITE: Teacher recommendation
AP Psychology is a year-long honors course with an AP level rigor and daily reading of college-level texts. It is designed to introduce students to the systematic and scientific study of individual behavior and mental processes. Students will be exposed to the psychological facts, principles and phenomena associated with each of the major subfields within psychology, including research methods, neuroscience, physiology, anatomy and statistics. Students will also learn such skills as understanding concepts, analyzing data and scientific investigation. Students must have strong reading and writing capability, style and will be required to work on multiple items simultaneously. Students will be expected to perform college-level work and be prepared to take the Advanced Placement exam, given annually in May.

AP Research – Honors: SS431Y
Open to: 11 - 12 Length: 1 year Credit: 1
PREREQUISITE: Teacher Recommendation
This yearlong college-level course focuses on the impact human populations have on the planet. Units of study include the cultural patterns of religion, ethnicity, and gender; the population patterns of migration, growth, and settlement; and the historical global patterns of economic development, communication, and technology. Students will develop the ability to think geographically and apply the skills and tools of a geographer to analyze the world. Students will perform college-level work and be prepared to take the Advanced Placement exam given annually in May. Students will complete a summer assignment prior to the class beginning.

AP Macroeconomics - Honors: SS432F, SS432S
Open to: 12 Length: 1 semester Credit: 0.5
PREREQUISITE: Teacher recommendation
AP Macroeconomics will give students a thorough understanding of economic principles that apply to all economic systems. The AP course emphasizes five units of study: (1) Basic Economic Concepts; (2) Measurements of Economic Performance; (3) National Income and Price Determination; (4) Economic Growth; (5) International Finance and Exchange Rates and Balance of Payments. Students must have strong writing capability and style and will be required to work on multiple items simultaneously. A strong math background is helpful but not required. Students will perform college-level work and be prepared to take the Advanced Placement exam given annually in May. This course satisfies the State of Illinois’ requirement for consumer economics.

AP United States History - Honors: SS301Y
Open to: 11 Length: 1 year Credit: 1
PREREQUISITE: Teacher recommendation
AP United States History focuses on developing students’ abilities to think conceptually about U.S. History from approximately 1491 to the present while applying historical thinking skills to understand the past. Eight themes of equal importance-American and national identity, world, exchange, and technology; geography and the environment; empire and settlement; politics and power; America in the World; American Regional Culture; and social structures. This course also incorporates the following State of Illinois’ mandates for social studies instruction: American history, the Holocaust and genocide; women in history, the history of people with disabilities and the disabilities rights movement, Asian American history, and the history of the Hispanic and LGBTQ+ communities. These themes require students to reason historically about continuity and change over time and make comparisons among various historical developments in different times and places. High importance is placed on reading and writing. The class will prepare students for the AP US History exam, given annually in May. This course satisfies the State of Illinois’ requirement for US History.

AP World History - Honors: SS303Y
Open to: 10 Length: 1 year Credit: 1
PREREQUISITE: Teacher recommendation
As stated on the College Board website, AP World History: Modern is an introductory college-level modern world history course. Students cultivate their understanding of world history from around 1200 CE to the present through analyzing historical sources and learning to make connections and craft historical arguments as they explore concepts such as humans and the environment, cultural developments and interactions, governance, economic systems, social interactions, and organization, as well as technology and innovation.

Civics: SS415F, SS416S
Open to: 12 Length: 1 semester Credit: .5
PREREQUISITE: None
This course examines the origins and purposes of government and the U.S. and Illinois Constitution. Additional topics include civil liberties, flag etiquette, political parties, public policies and the rights and responsibilities of individuals in the political system. Throughout the course, students will think critically and actively engage in class discussions about current and controversial issues. Students will participate in projects and simulations that promote civic engagement. The course satisfies the State of Illinois requirement for civic education.

Economics: SS417F, SS418S
Open to: 12 Length: 1 semester Credit: 1
PREREQUISITE: None
This course is an introduction to the essential features of economic performances, allocation of resources, scarcity, and the role of government in the management of economic systems. It is designed to provide students with the economic tools necessary to analyze and understand economic problems. Included is the study of microeconomics, macroeconomics, international trade, the stock market, monopolies, economic policy, scarcity and social, economic growth, the Federal Reserve, and the economic problems of inflation, unemployment, and poverty. This course satisfies the State of Illinois requirements for Consumer Economics.

Global Events 1800 to Present: SS307Y
Open to: 10, 11, 12 Length: 1 year Credit: 1
PREREQUISITE: None
This investigative course will look at historical events through the context of current events in order to discover the impacts from the 1800’s to the present have had on modern society. Linking past and present, the course will investigate and connect the principal dimensions of the multi-faceted global world in which we live. Emphasis will be placed on World War I & II, the Holocaust (including a field trip to the Holocaust Museum in Skokie, IL), the Cold War, terrorism, modern-day terrorism and its links to modern-day terrorism, and its link to global economic, political, religious and cultural conflicts that are headlining newspapers, television programming and other popular media outlets on a daily basis. The course is flexible in nature to accommodate significant current events happening in real-time, but the general direction of the class will study how the world developed into what it is today and predict where it is going next. Students will be challenged to develop and defend their opinions on many different issues on a daily basis. The major course assignment is an oral history research project.

Historically Underrepresented Groups in U.S. Society: SS121Y (II, III, IV, V, VI)
Open to: 11, 12 Length: 1 year Credit: 1
PREREQUISITE: None
This course provides opportunities to analyze the contributions, struggles and successes of underrepresented groups throughout the history of the United States of America. Emphasis will be placed on reading, writing, and critical analysis skills. Students will focus on Native Americans, Black/African-Americans, and Latinx people from the colonial period to the modern-day, with an additional focus on the contributions of women from underrepresented groups. There will be a significant emphasis on current events and making connections between history and our modern context. Students will have the opportunity for a quarter-long independent study under the supervision of an underrepresented group of their choosing, in addition to the prescribed curriculum.
PSYCHOLOGY: SS307Y N
Open to: 10, 11, 12 Length: 1 year Credit: 1
PREREQUISITE: None
Psychology is designed for the college-bound student (2 or 4 years) with an interest in social studies and the working of the human mind and behavior. The curriculum for this course will allow students to explore major concepts and theories in psychology with a heavy emphasis on content that is applicable to daily living. Students completing this course will have a greater awareness and knowledge of the human environment and individuals. This course focuses on psychology as a science (history of psychology, research methods, the brain and senses, memory, principles of learning, consciousness, personality, developmental psychology, psychological disorders, treatment, and social relations). Students selecting to take the course should have an interest in social sciences and expect regular nightly readings along with assignments, content discussion, and analysis that fosters critical thinking skills.

SOCIOLGY: SS300Y N
Open to: 11, 12 Length: 1 year Credit: 1
PREREQUISITE: None
This is the scientific study of society, involving all forms of human interaction and behavior. This includes such topics as marriage/family, gender roles, including the history of women in America, religion, the history of people with disabilities and the disability rights movement, education, racism, social classes, occupations, and deviant behavior. The analysis of selected readings, videos, and projects on social behavior is an integral part of the course content. Students selecting to take the course should have an interest in social sciences and expect college-prep readings, assignments, content discussion and analysis that foster critical thinking skills. Projects will be assigned throughout the course of the year demonstrating applicable knowledge learned throughout the course setting. Students will complete a service-learning requirement, which will predominantly be completed during class time.

UNITED STATES HISTORY: SS300Y N
Open to: 11 Length: 1 year Credit: 1
PREREQUISITE: None
This course is a chronological study of the United States starting with the American Revolution and ending with the current administration. The course will emphasize issues that have united and divided the nation, as well as the growth of democratic institutions. Students will analyze political, economic and social issues related to United States History. This course incorporates the following State of Illinois’ mandates for social studies instruction: African American history, the Holocaust and genocide, women in history, the history of people with disabilities and the disabilities rights movement, Asian American history, and the history of the Hispanic and LGBTQ+ communities. Students will develop college-prep skills and enhance reading comprehension through primary and secondary source documents. This course satisfies the State of Illinois’ requirement for US History.

WORLD CULTURES: SS300Y N
Open to: 9, 10 Length: 1 year Credit: 1
PREREQUISITE: None
This course explores the diversity of the world through physical geography, cultural geography, art, religion, government, economics, and sociological perspectives. Students will examine the way humans interact with each other and the environment, which is vital to understanding the vast number of unique cultures that inhabit the earth today. This course will discuss cultural conflicts from around the world, their origins, and their influence on the United States. Throughout the school year, students will study these themes as they apply to North, Central and South America, Europe, North Africa and the Middle East, sub-Saharan Africa and Asia.

WORLD HISTORY: SS300Y N
Open to: 9, 10 Length: 1 year Credit: 1
PREREQUISITE: None
World History is a one year course that will develop core academic skills in reading, writing, inquiry, and analyzing while studying history. Patterns and shifts in political and economic systems, social structures, religious beliefs and ideologies, and cultural accomplishments are studied from a global perspective in a thematic format. Through collaboration, dialogue, and discussion, students will improve their historical literacy, evaluation, and analysis abilities. This class will help students form a global perspective, an understanding of global diversity, and an awareness of how history has shaped our present world.

ALGEBRA 1: WLEYE Open to: 9, 10, 11, 12 Length: 1 year Credit: 1
PREREQUISITE: English language proficiency test results and/or recommendation
This course provides meaningful access to Algebra 1 for Entering to Developing English Learners (WIDA Levels 1-3). The purpose of this course is to introduce students to the study of high school Algebra. Algebra is a continuation and extension of the rules of arithmetic into a more general level, where letters (variables) are used to represent numbers. The textbook concentrates on teaching students the fundamental aspects of problem solving. Units covered include: Order of Operations/Real Number System, Solving Linear Equations, Solving Inequalities, Intro to Functions, Graphing Linear Equations, Solving Systems of Linear Equations, Exponent Properties, Polynomials/Factoring, Quadratics, Radicals, and Statistics.

ALGEBRA 1: WLEYE Open to: 9, 10 Length: 1 year Credit: 1
PREREQUISITE: English language proficiency test results and/or recommendation
This course provides meaningful access to Algebra 1 for Entering to Developing English Learners (WIDA Levels 1-3). This course is designed to provide students to Developing English Learners (WIDA Levels 1-3). The purpose of this course is to introduce students to the study of high school Algebra. Algebra is a continuation and extension of the rules of arithmetic into a more general level, where letters (variables) are used to represent numbers. The textbook concentrates on teaching students the fundamental aspects of problem solving. Units covered include: Order of Operations/Real Number System, Solving Linear Equations, Solving Inequalities, Intro to Functions, Graphing Linear Equations, Solving Systems of Linear Equations, Exponent Properties, Polynomials/Factoring, Quadratics, Radicals, and Statistics.

BIOLOGY: WLEYE Open to: 9 Length: 1 year Credit: 1
PREREQUISITE: English language proficiency test results and/or recommendation
This course provides meaningful access to Biology for Entering to Developing English Learners (WIDA Levels 1-3). Biology serves as an introduction to the life sciences as outlined in the Next Generation Science Standards. It includes the integration of science and engineering practices as well as crosscutting concepts in order to develop the students’ understanding of the disciplinary core ideas in biology. In addition to life science and relevant earth science concepts, other topics may include but are not limited to the conservation of resources, including air pollution, water pollution, pesticides, preservation of wilderness areas, forest management, protection of wildlife and human care of domestic animals.

CHEMISTRY: WLEYE Open to: 10, 11, 12 Length: 1 year Credit: 1
PREREQUISITE: English language proficiency test results and/or recommendation
This course provides meaningful access to Chemistry for Entering to Developing English Learners (WIDA Levels 1-3). Understanding chemistry allows us to make sense of the world around us and to make decisions and discoveries to improve the quality of life. This Chemistry course aligns to the Next Generation Science Standards, and provides preparation in laboratory techniques, knowledge of chemical concepts, and problem-solving skills. Relevant earth and space science concepts will also be integrated into the curriculum.

ECONOMICS: WLEYE Open to: 10, 11, 12 Length: 1 year Credit: 1
PREREQUISITE: English language proficiency test results and/or recommendation
This course provides meaningful access to Economics for Entering to Developing English Learners (WIDA Levels 1-3). This course is an introduction to the essential features of economic performances, allocation of resources, scarcity, and the role of government in the management of economic systems. It is designed to provide students with the economic tools necessary to analyze and understand economic problems. Included is the study of microeconomics, macroeconomics, international trade, the stock market, monopolies, economic policy, supply and demand, economic growth, the Federal Reserve, and the economic problems of inflation, unemployment, and poverty. This course satisfies the State of Illinois requirements for Consumer Education.

ENGLISH: WLEYE Open to: 9 Length: 1 year Credit: 1
PREREQUISITE: English language proficiency test results and/or recommendation
This course provides meaningful access to Freshman English for Entering to Developing English Learners (WIDA Levels 1-3). This course satisfies the State of Illinois’ requirements for Freshman English.

FRENCH: WLEYE Open to: 12 Length: 1 semester Credit: 5
PREREQUISITE: English language proficiency test results and/or recommendation
This course provides meaningful access to French for Entering to Developing English Learners (WIDA Levels 1-3). This course satisfies the State of Illinois’ requirements for French.

HISTORY: WLEYE Open to: 10, 11, 12 Length: 1 year Credit: 1
PREREQUISITE: English language proficiency test results and/or recommendation
This course provides meaningful access to History for Entering to Developing English Learners (WIDA Levels 1-3). This course satisfies the State of Illinois’ requirements for History.
EL GEOMETRY: WLE40Y
Open to: 9, 10, 11, 12
Length: 1 year
Credit: 1
PREREQUISITE: English language proficiency test results and/or recommendation
This course provides meaningful access to Geometry for Entering to Developing English Learners (WIDA Levels 1-3). This is the traditional year of Euclidean Plane Geometry. Emphasis is on axiomatic structures and logical proof. Additional units include introduction to right triangle trigonometry, area, and volume of solids.

EL JUNIOR ENGLISH: WLE30Y
Open to: 11
Length: 1 year
Credit: 1
PREREQUISITE: English language proficiency test results and/or recommendation
This course provides supported access to Junior English for Entering to Developing English Learners (WIDA Levels 1-3). This course focuses on intensive analysis of literature written by authors from the United States. Students will complete a range of intensive writing assignments to prepare them for post-secondary writing. Students will also begin college and career exploration as well as SAT preparation.

EL LANGUAGE ARTS 9: WLE10Y
Open to: 9
Length: 1 year
Credit: 1
PREREQUISITE: Placement results or Teacher/Counselor recommendation and/or recommendation
This course provides meaningful access to Freshman English for Entering to Developing English Learners (WIDA Levels 1-3). Concurrent enrollment in EL Literacy 9 is required. Students will focus on skills and content represented in the Freshman English curriculum with an emphasis on developing proficiency across narrative, explanatory, informative, and argumentative communication.

EL LANGUAGE ARTS 10: WLE20Y
Open to: 9, 10, 11, 12
Length: 1 year
Credit: 1
PREREQUISITE: Placement results or Teacher/Counselor recommendation and/or recommendation
This course provides meaningful access to Sophomore English for Entering to Developing English Learners (WIDA Levels 1-3). Concurrent enrollment in EL Literacy 10 is required. Students will focus on skills and content represented in the Sophomore English curriculum with an emphasis on developing proficiency across narrative, explanatory, informative, and argumentative communication.

EL LANGUAGE ARTS 11: WLE30Y
Open to: 11, 12
Length: 1 year
Credit: 1
PREREQUISITE: Placement results or Teacher/Counselor recommendation; concurrent enrollment in EL Literacy 2 is required
This course provides meaningful access to Junior English for Entering to Developing English Learners (WIDA Levels 1-3). Concurrent enrollment in EL Literacy 11 is required. Students will focus on skills and content represented in the Junior English curriculum with an emphasis on developing proficiency in reading across a variety of genres and test complexity levels. Students will analyze literature written by authors representing diverse perspectives in the United States.

EL LITERACY 9: WLE20Y
Open to: 9, 10, 11, 12
Length: 1 year
Credit: 1
PREREQUISITE: Placement results or Teacher/Counselor recommendation
This course provides meaningful access to Freshman English for Entering to Developing English Learners (WIDA Levels 1-3). Concurrent enrollment in EL Literacy 9 is required. Students will focus on skills and content represented in the Freshman English curriculum with an emphasis on developing their proficiency in reading across a variety of genres and test complexity levels. Additionally, students will analyze literature for literary elements and devices (particularly conflict and character development) to facilitate proficient navigation of literary texts.

EL LITERACY 10: WLE30Y
Open to: 9, 10, 11, 12
Length: 1 year
Credit: 1
PREREQUISITE: Placement results, Teacher/Counselor recommendation, concurrent enrollment in Language Arts 9 is required
This course provides meaningful access to Sophomore English for Entering to Developing English Learners (WIDA Levels 1-3). Concurrent enrollment in EL Literacy 10 is required. Students will focus on skills and content represented in the Sophomore English curriculum with an emphasis on developing their proficiency in reading across a variety of genres and test complexity levels. Analysis of literature for theme, character development, and figurative language is prioritized to improve reading proficiency.

EL LITERACY 11: WLE40Y
Open to: 11, 12
Length: 1 year
Credit: 1
PREREQUISITE: Placement results, Teacher/Counselor recommendation, concurrent enrollment in EL Literacy 11 is required
This course provides meaningful access to Junior English for Entering to Developing English Learners (WIDA Levels 1-3). Concurrent enrollment in EL Literacy 11 is required. Students will focus on skills and content represented in the Junior English curriculum with an emphasis on developing their proficiency in reading across a variety of genres and test complexity levels. Students will analyze literature written by authors representing diverse perspectives in the United States.

EL NEWCOMER LAB: WLEDY
Open to: 9, 10, 11, 12
Length: 1 year
Credit: 1
PREREQUISITE: English language proficiency test results and/or recommendation
This is an elective course for English Learners in the Entering phase (WIDA Level 1) of language development and who are new to school in the United States. Students may take this elective in addition to EL Language Arts and EL Literacy to accelerate their conversational English proficiency. This course emphasizes the development of social and academic English through a variety of real world thematic units designed to help students adjust to high school in the United States.

EL SENIOR ENGLISH: WLE40Y
Open to: 12
Length: 1 year
Credit: 1
PREREQUISITE: Placement results or Teacher/Counselor recommendation
This course provides meaningful access to Senior English for Entering to Developing English Learners (WIDA Levels 3-5). Concurrent enrollment in EL Language Arts 11 is required. Students will analyze literature for literary elements and devices (particularly conflict and character development) to facilitate proficient navigation of literary texts.

EL SEQUENTIAL ALGEBRA 1A/1B: WLE09Y
Open to: 9, 10
Length: 1 year
Credit: 1
PREREQUISITE: Placement results or Teacher/Counselor recommendation
This course provides meaningful access to Algebra 1 and Algebra 2 for Entering to Developing English Learners (WIDA Levels 1-3). This course is the first half of the traditional one-year Algebra course. Topics include solving multi-step Algebraic equations, linear, graphs, inequalities, linear systems and exponents.

EL SEQUENTIAL ALGEBRA 2A/2B: WLE20Y
Open to: 9, 10
Length: 1 year
Credit: 1
PREREQUISITE: Placement results, Teacher/Counselor recommendation
This course provides meaningful access to Algebra 2A/2B for Entering to Developing English Learners (WIDA Levels 3-5). This course is the second half of the traditional two-year Algebra course. Topics include solving systems of equations, exponential functions, solutions of quadratic, rational, and radical equations and related word problems as well as focusing on skills such as substitution, multiplication, and division of rational numbers as well as ratios, proportions and percents.

EL SOPHOMORE ENGLISH: WLEDY
Open to: 9
Length: 1 year
Credit: 1
PREREQUISITE: English language proficiency test results and/or recommendation
This course provides supported access to Sophomore English for Entering to Developing English Learners (WIDA Levels 3-5). This course engages students in comparative study of various themes found in different genres of literature. Assessments will include video analyses, discussions, and presentations. All reading will be closely tied to writing and speaking opportunities as a way to deeply process themes and apply analytical thinking skills.

EL UNITED STATES HISTORY: WLEDY
Open to: 11
Length: 1 year
Credit: 1
PREREQUISITE: English language proficiency test results and/or recommendation
This course provides meaningful access to United States History for Entering to Developing English Learners (WIDA Levels 1-3). This course is a chronological study of the United States starting with the American Revolution and ending with the current administration. The course will emphasize issues that have united and divided the nation, as well as the growth of democratic institutions. Students will analyze political, economic and social issues related to United States History. Students will develop college-preparatory skills and enhance reading comprehension through primary and secondary source documents. This course satisfies the State of Illinois’ requirement for US history.

EL WORLD CULTURES: WLEDY
Open to: 9, 10
Length: 1 year
Credit: 1
PREREQUISITE: Teacher/Counselor recommendation
This course provides meaningful access to World Cultures for Entering to Developing English Learners (WIDA Levels 1-3). This course explores the diversity of the world through physical geography, cultural geography, art, religion, government, economics, and sociological perspectives. Students will examine the way humans interact with each other and the environment, which is vital to understanding the vast number of unique cultures that inhabit the earth today. This course will discuss cultural conflicts from around the world, their origins, and their influence on the United States. Throughout the school year, students will study these themes as they apply to North, Central and South America, Europe, North Africa and the Middle East, sub-Saharan Africa and Asia.
### French

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### Heritage Spanish

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This course is designed to provide students with extensive practice in conversation, composition and reading with emphasis on spontaneous language production. It promotes an even greater understanding of the Hispanic cultures through the study and enjoyment of some contemporary Spanish and Hispanic American literature and art. Students communicate mostly in Spanish and in writing on a variety of selected topics, allowing them to expand and practice their vocabulary, grammatical usage and idiomatic language at a higher level.

This is a college-level course that is designed to prepare students for the Advanced Placement Spanish Language and Culture exam. The course is conducted entirely in Spanish in order to develop proficiency in reading, writing, listening, and speaking. Emphasis is placed on an extensive reading of various authentic literary works, further refinement of writing skills, comprehension of native speakers, and the ability to express oneself fluently in Spanish.

This course is specifically designed for heritage Spanish speakers to develop their first-language literacy skills and build upon their existing language competencies. This course builds on prerequisite knowledge of the Spanish-speaking world. The course builds on prerequisite knowledge of the Spanish-speaking world. The course builds on prerequisite knowledge of the Spanish-speaking world. This course is designed to successfully prepare students to take the AP Spanish Language and Culture Exam in May.

This course is accelerated: covering material at a faster pace and in greater depth in preparation for AP Spanish Language and Culture for Heritage Speakers. Emphasis is placed on building an increased understanding of syntax and language mechanics. The course includes more intensive skill development in listening, speaking, reading and writing through discussion, compositions, and presentations. Students will read a variety of articles, poetry, and short stories by Spanish and Latin American authors. Writing assignments include essays and creative writing. History, geography, and cultural aspects of the Spanish-speaking Latin American people are a central component of this course.

This course reinforces skills developed in previous study. Study of advanced grammar, syntax and vocabulary are both explicit and inductive as students identify and analyze the elements of literature. Writing skills are specifically targeted for further development. Students enhance skills through discussion, debate and presentations. Selections from the AP Spanish Literature and Culture course reading list and a short novel will be read. The role of Spanish language skills and career identification are an important aspect of this course. This course is designed to successfully prepare students to take the AP Spanish Language and Culture Exam in May.

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This worksheet is available for West Aurora High School students to formulate a 4-year academic plan. Be aware of West High graduation requirements as well as college entrance requirements. There are minimum requirements for graduation, but students should take full advantage of all West High has to offer in order to achieve goals after high school. Choose a pathway based on your interests and talents and take challenging courses. Use the guide below as a framework for planning.

**WAHS Graduation Requirements:**
Minimum total credits = 22
- 4 English (including 1 cr of Junior English)
- 3 Math (including 1 cr Algebra 1 & 1 cr Geometry)
- 2 Science
- 2 Social Studies (including 1 cr US History, ½ cr Govt, ½ cr Economics)
- ½ Health
- 3 ½ PE/Driver Ed.
- 7 Elective

**Statewide Higher Education Minimum Requirements:**
Contact each college/university for their specific requirements

**Credits:**
- 4 English
- 3 Math (Algebra 1, Geometry, Algebra 2)
- 3 Science
- 3 Social Studies
- 2 Electives (World Languages, Fine Arts, or Technology)

### Freshman Year

**CAREER GOAL:**

**TRAINING FOR CAREER GOAL:**

1. 
2. 
3. 
4. 
5. 
6. 
7. PE 8. SH/LUNCH 9. LUNCH

**TOTAL CREDITS:** 62 **GPA:** **RIC:** **OUT OF**

**SUMMER SCHOOL OPTIONS:**

### Sophomore Year

**CAREER GOAL:**

**TRAINING FOR CAREER GOAL:**

1. 
2. 
3. 
4. 
5. 
6. 
7. PE HEALTH 8. SH/LUNCH 9. LUNCH

**TOTAL CREDITS:** 63 **GPA:** **RIC:** **OUT OF**

**SUMMER SCHOOL OPTIONS:**

### Junior Year

**CAREER GOAL:**

**TRAINING FOR CAREER GOAL:**

1. 
2. 
3. 
4. 
5. 
6. 
7. PE 8. SH/LUNCH 9. LUNCH

**TOTAL CREDITS:** **GPA:** **RIC:** **OUT OF**

**SUMMER SCHOOL OPTIONS:**

### Senior Year

**CAREER GOAL:**

**TRAINING FOR CAREER GOAL:**

1. 
2. 
3. 
4. 
5. 
6. 
7. PE PE 8. SH/LUNCH 9. LUNCH

**TOTAL CREDITS:** **GPA:** **RIC:** **OUT OF**

**SUMMER SCHOOL OPTIONS:**