

WOOD-RIDGE JUNIOR-SENIOR HIGH SCHOOL



PROGRAM OF STUDIES

2023- 2024

Grades 9-12

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HIGH SCHOOL ADMINISTRATION

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Mr. Marc Sinclair, Assistant Principal/ Athletic Director

MISSION STATEMENT

The mission of the Wood-Ridge School District is to create an educational environment that provides learning experiences, which enables each child to reach his/her potential. Due to our small size we are a unique learning community, where we get to know each and every child. Our community of staff prepares our students for the future by creating opportunities for personal growth, self-esteem, and success. Through its educational practices, the district promotes acceptance, understanding, and respect for cultural differences.

STATEMENT OF PHILOSOPHY

The Wood-Ridge School District believes that academic excellence is within the reach of all students. Of equal importance is our concern for each student's personal growth and social responsibility. We are committed to providing a positive environment in which staff, students, parents, and the community at large can work together to encourage decision-making and problem solving. This collaboration fosters learning and promotes the highest level of student and staff performance. Through the integration of technology the district seeks to enhance the delivery of instruction and prepare students and staff to compete successfully in an ever-changing world.

Program of Studies Introduction

2023-2024

This Program of Studies booklet is a comprehensive resource that students should reference when seeking information regarding courses of study. It contains a description of all courses in the 2023-2024 instructional program, graduation requirements, college admission requirements, guidelines for entrance and withdrawal from courses, standards for special class placement, athletic eligibility rules, the method for computing overall grade point average, and pupil records. It is important for parents and students to become familiar with this information before course selections are made.

As you examine the course selections in this booklet, please keep in mind not only your short-term needs, but also your long-term goals. At Wood-Ridge Junior-Senior High School, we offer a variety of electives from which you may choose, and you should be mindful at all stages of planning that we also have a number of graduation requirements. Students and parents are urged to consult with their school counselor to develop an appropriate academic program. Together, school counselors, students and parents coordinate an appropriate academic plan by reviewing student achievement, interests and aptitude related to individual career or educational goals. Teachers are also available to answer specific questions regarding course requirements and their importance toward intended college/career choices.

Definition of Terms

A philosophy is an expression of the fundamental beliefs concerning the role of the school in a given community. We offer the following definitions which an educational program should comprise:

- **Curriculum** is the planned and guided learning activities sponsored by the school.
- **Core Curriculum** refers to those aspects of the school program required of all students. This phase of the curriculum will require common heterogeneous learning experiences for all students and will develop attitudes and skills among students which are necessary for the common good.
- **Special Education** provides instructional support services to students with learning difficulties.
- **Electives** represent that aspect of the curriculum which is independent of any specialized curricular pattern and which offers students exploratory, special interest and enrichment courses from which they may select.
- **Co-Curricular** includes student activities which, rather than being extra-curricular, are actively interwoven into the other three areas of the curriculum wherever possible.
- **Pre-Requisite** is a course which you must satisfactorily complete before you may take certain other courses. For example, Spanish II must be taken before Spanish III.
- **Co-Requisite** is a course which you must take in conjunction with another course.
- **Post-Secondary Education** is any formalized program of studies occurring after high school.
- **Technology-Based Projects** will be incorporated into instruction to enhance the student's ability to process and display information in a variety of presentation formats.

HIGH SCHOOL
NJ State Minimum* Graduation Requirements by Content Area

(N.J.A.C. 6A:8-5)

Class Course and credit requirements for all students entering grade 9 in:	
LANGUAGE ARTS LITERACY	20 credits aligned to grade nine through 12 standards
MATHEMATICS	15 credits including Algebra I and Geometry or the content equivalent* and a third year of math that builds on the concepts and skills of Algebra and Geometry and prepares students for college and 21 st century careers
SCIENCE	15 credits including at least five credits in laboratory Biology/Life Science or the content equivalent**, an additional lab/inquiry-based science course including Chemistry, Environmental Science or Physics; and a third lab/inquiry-based science course
SOCIAL STUDIES	15 credits including satisfaction of N.J.S.A. 18A:35-1 and 2; five credits in World History; and the integration of civics, economics, geography and global content in all course offerings
Entrepreneurial Literacy	2.5 credits in financial, economic, business and entrepreneurial literacy.
HEALTH & PHYSICAL EDUCATION	5 credits during each year of enrollment, distributed as 150 minutes per week, as required by N.J.S.A. 18A:35-5, 7 and 8
Visual and Performing Arts (Art, Music, Theater)	5 credits
WORLD LANGUAGE	5 credits or student demonstration of proficiency
TECHNOLOGICAL LITERACY	Consistent with the Core Curriculum Content Standards, integrated throughout the curriculum
21st Century Life and Careers, or Career-Technical Education (Business, Technology)	5 credits
TOTAL CREDITS (STATE MINIMUM)	120 credits

* School districts may establish course and/or credit requirements which exceed the State minimums

COURSES REQUIRED FOR GRADUATION

In order to graduate from Wood-Ridge Jr./Sr. High School, a student must successfully receive a score of PROFICIENT in both ELA and MATH on the NJGPA or through another acceptable pathway of graduation. Regardless of future plans, each student who is enrolled at Wood-Ridge High School must successfully complete the following required subjects during the four years he/she is in school, with the following minimum credits earned:

20 credits of Physical Education and Health

20 credits of English

15 credits of Mathematics (*including Algebra I, Geometry and Algebra II*)

15 credits of Social Studies (*including 1 year of World History and 2 years of US History*)

15 credits of Science (*including Physics, Chemistry and Biology*)

5 credits of Visual and Performing Arts

5 credits of World Language

5 credits of 21st Century Life and Careers/Career-Technical Education

2.5 credits of Financial, Economic, Business and Entrepreneurial Literacy
(*including Financial Literacy*)

Elective courses should be chosen from the various disciplines:

Fine Arts, Music, Business Education/Technology, Language Arts, Social Studies, World Language, Mathematics, Science, and Distance Learning

Total Credits Required: 130

* School districts may establish course and/or credit requirements which exceed the State minimums.

High School Graduation Assessment Requirements:

The NJGPA is required to be administered to students in grade 11 as part of the graduation assessment requirements adopted by the State Board of Education on September 8, 2021. A minimum score of 725 is required for each component (ELA and mathematics) of the NJGPA and was adopted by the State Board of Education on May 3, 2023. Graduation readiness is reported separately for each content component.

Class of 2024 and 2025 (Updated May 2023)

On May 3, 2023, the State Board of Education approved the graduation ready cut score for the ELA and mathematics components of the NJGPA, as well as the menu of alternative assessments and aligned cut scores.

The requirements in this section were adopted by the New Jersey State Board of Education on September 8, 2021 for the classes of 2023–2025.

English Language Arts and Literacy (ELA)

If, after completing the New Jersey Graduation Proficiency Assessment in grade 11, students did not demonstrate proficiency by passing the ELA component, such students may access the following pathways:

- Second Pathway: By meeting the designated cut score on a substitute competency test such as the PSAT, SAT, ACT, or ACCUPLACER; or
- Third Pathway: By submitting, through the district, a student portfolio appeal to the New Jersey Department of Education.

Mathematics

If, after completing the required New Jersey Graduation Proficiency Assessment in grade 11, students did not demonstrate proficiency by passing the mathematics component, such students may access the following pathways:

- Second Pathway: By meeting the designated cut score on a substitute competency test such as the PSAT, SAT, ACT, or ACCUPLACER; or
- Third Pathway: By submitting, through the district, a student portfolio appeal to the New Jersey Department of Education.

Course selection Process

Student schedules are developed in the spring and summer of each year. The process includes input from students, parents, teachers, counselors and administrators. Students are expected to honor their commitments and to attend and satisfactorily complete the courses in which they enroll during counseling conferences. Any change in the student's program will require the approval of the administration.

Requests for changes made after the building of the master schedule will be considered for educationally sound reasons according to the guidelines listed below. Students will be denied the request for change when assignment would exceed the maximum class size policy or when student enrollment drops below the Board of Education minimum. The Board of Education reserves the right to offer or not offer particular courses and/or programs depending upon enrollment and other conditions.

Scheduling Change Procedure *During the first week of school, only those schedule changes needed to complete a schedule will be addressed.* The following schedule change policy is designed to resolve conflicts or correct errors with student schedules and to promote an orderly beginning of the school year:

- Schedule corrections will be made on a priority basis for students without schedules.
- Students whose schedules show **major problems** (no Physical Education, no English, etc.) will be addressed next.
- If there is a need to correct an error in the schedule, e.g. a missing course, two or more courses in conflict or failure in a pre-requisite course.
- If there is a recommendation from the Child Study Team.
- If there is a recommendation from an administrator for disciplinary, attendance or instructional reasons.
- If a student is repeating a course and is assigned to the same course and teacher.
- If there is a request made by the professional staff.

Students who request schedule changes, other than those mentioned, may see their guidance counselor during the second full week of school to get advice and to complete a Student Change Request Form. This form will be made available during the week in the Guidance Office.

In exceptional cases, an appeal may be made to the Principal.

Student initiated schedule changes will not be considered for any of the following reasons:

- If the course content or standards differ from student expectations or the course is not needed for graduation.
- If the student does not like a given teacher or the student has a last minute preference for some other subject.
- If the student or parent wishes the student to be with friends.

All schedule changes must be completed within 5 school days from the start of the school year. Deadline for any level course changes, e.g. Honors to a CP course, will be the last day of the first marking period. All second semester course selections or changes must be completed during the first 5 school days. All schedule changes will be at the discretion of the administration.

Level Changes

Parents may waive their son/daughter into courses even though the subject area teacher and/or counselor are not in agreement. Students waived into a course must remain in that course for the entire first marking period and maintain a grade average of B+. **Note:** If the desired lower level course is filled, the student must remain in the waived class for the entire year. ***Changes from one level of a course to another level of the same course must be completed within 5 school days from the start of the school year, provided a waiver has not been submitted and signed by the parent.***

Course Drop/Add Policy

The selection of courses by students is one of the most important events in a student's high school career. It is not only important because it affects career goals but it also determines staffing and how financial resources are allocated. For these reasons, the dropping or adding of courses in a student's schedule will be considered only under extenuating circumstances. It is strongly recommended that students and parents thoroughly review required course offerings, elective course offerings, pre- and co-requisites before finalizing course selections.

DEFINITION OF COURSE LEVELS

Advanced Placement

Courses are currently offered in Biology, English, History, Chemistry, Spanish, Italian, Music Theory and Calculus, with the Advanced Placement Test given in May of each academic year. These courses follow criteria of the Advanced Placement Program. Students of very high academic ability are recommended by teachers and/or counselors, as well as through screening assessments. Students in the accelerated program typically make a natural progression to the Advanced Placement offerings. Students who successfully complete the program may be eligible for college credits or advanced placement at the college level. It is recommended that students take no more than two AP courses at the same time. Any waiver of any of the recommendations must be approved by the principal. Students who enroll are **required** to take the Advanced Placement Test and must do so at their own expense. The Board of Education will reimburse students who earn a score of 4 or 5.

Honors

Students scheduled into accelerated courses are consistently high achievers. Courses are fast-paced and more academically challenging than regular course offerings. Students who wish to continue in the Honors Program must meet established Board Policy requirements of honors placement and completion of the Honors summer assignment. A weighted GPA is awarded for successful completion of each Honors course.

College Prep (CP)

College Preparatory subjects are standard high school courses and are available in all core subject areas.

ACADEMIC REQUIREMENTS FOR HIGH SCHOOL

Minimal Credits for Promotion from Grade Level to Grade Level

The following criteria are used in determining the retention of a student at the completion of each academic year. Deficiency in academic credits as follows:

- *Less than 32.5 credits at the conclusion of grade 9.*
- *Less than 65 credits at the conclusion of grade 10.*
- *Less than 97.5 credits at the conclusion of grade 11.*

This deficiency is exclusive of credits earned in an accredited summer school or in an accredited evening school.

State/District Testing

Students in grade 12, Class of 2024, must pass through one graduation pathway to be eligible for graduation. Students who do not pass one of these pathways will not be issued a diploma, regardless of academic achievement.

Attendance

The Board of Education, in compliance with the State, has an attendance policy which requires regular attendance in order for a student to be awarded full credit for any course. Failure to attend class regularly may result in an automatic grade of “NC”. Wood-Ridge Jr/Sr. High School’s policy is described in detail in the Student Agenda distributed to each student in September of each year.

Excessive unexcused absence is defined as:

- 16 cumulative unexcused absences per full-year course
- 12 cumulative unexcused absences per three-quarter course
- 8 cumulative unexcused absences per semester course
- 4 cumulative unexcused absences per marking period course

The District will administer all state mandated assessments in accordance with the NJ Department of Education requirements. Student achievement rates for passing will be commensurate with state required levels of proficiency.

Community Service Requirement

All students are required to complete 40 hours of community service to be eligible for graduation

*These hours need to be accrued over four years to fulfill the graduation requirement.

Grading System

<u>Grade</u>	<u>Numerical Equivalent</u>	<u>Grade Equivalent</u>
A+	97-100	4.33
A	93-96	4.00
A-	90-92	3.67
B+	87-89	3.33
B	83-86	3.00
B-	80-82	2.67
C+	77-79	2.33
C	73-76	2.00
C-	70-72	1.67
D	65-69	1.00
F		0.00
IC	Incomplete	
P	Pass	
NC	No Credit	

<u>Numerical Equivalent</u>		<u>Grade Equivalent</u>	
		<u>Honors</u>	<u>AP</u>
A+	97-100	4.83	5.33
A	93-97	4.50	5.00
A-	90-92	4.17	4.67
B+	87-89	3.83	4.33
B	83-86	3.50	4.00
B-	80-82	3.17	3.67
C+	77-79	2.83	3.33
C	73-76	2.50	3.00
C-	70-72	2.17	2.67
D	65-69	1.50	2.00
F	<65	0.00	0.00

Grade Book Calculations with Realtime

Realtime Grade Book is used by all teachers to record grades. Grades from the Grade Book are downloaded directly by the Guidance Department for grade reporting purposes. Numerical grades will be recorded in Realtime Grade Book and assessment weight will be set up for individual teacher grade books. A numerical average is calculated by Realtime as per the individual grade book setup. All classes will require mid-term and final exams. The mid-term and final exams together constitute the fifth marking period, each counting one tenth of the final grade. In semester and full year courses not requiring a mid-term and/or final exam, the marking period grades will be averaged to calculate the final grade.

Final Grade Calculation

Realtime calculates a final grade for a course by averaging all final numerical marking period averages with the mid-term and final exam numerical grades to calculate a final numerical average. Marking period final averages along with mid-term and final grades each constitute one fifth of the final average. It then converts that numerical average back to the alpha grade equivalent for reporting purposes.

HONOR ROLL

At the end of each marking period, the honor rolls shall be published according to the following criteria:

Senior High School – (Grades 9 - 12) Honor Rolls:

- a. Highest Honor Roll Requirement: a student must have a weighted Grade Point Average (GPA) of 4.20 or higher
- b. High Honor Roll Requirement: A student must have a Grade Point Average (GPA) of not less than 3.90 and no less than an A- in any course.
- c. Honor Roll Requirement: A student must have a Grade Point Average (GPA) of not less than 3.67 and no more than two (2) B's (B+, B, B-) permitted.

Junior High School (Grades 7 & 8) Honor Rolls:

- a. High Honor Roll Requirement: No less than an A- in any subject.
- b. Honor Roll Requirement: All A's and no more than two (2) B's (B+, B, B-) permitted.

National Honor Society Membership

National Honor Society Membership A cumulative weighted grade point average of 3.75 is necessary for a student to be academically eligible for membership in the National Honor Society. Induction criteria will measure a student's grades, service, leadership and character. Students with a 3.75 cumulative GPA will be notified by October of their Junior or Senior year that they are eligible to apply for NHS membership.

Valedictorian/Salutatorian Selection

The selection of the valedictorian and salutatorian is made based upon a cumulative seven-semester grade-point average. Grades from subjects taken during the ninth, tenth, eleventh and first semester of the twelfth grades will be averaged. The valedictorian of the senior class will be that student with the highest overall grade-point average. The salutatorian of the senior class will be the student with the second highest grade-point average.

Student Records/Transcripts

The Guidance Department maintains accurate academic records regarding a student's educational growth. Official transcripts are forwarded by mail to colleges, schools, and employers upon request and written permission by the parent or adult student. Students requesting to hand-carry transcripts will be provided with an **unofficial** transcript only. Please allow at least one (1) week for transcript preparation. Only Guidance Department Personnel (guidance counselors and administrative assistant) are authorized to generate transcripts. Any changes to historical grade information that would be reflected on transcripts must be authorized by the Principal in writing.

ATHLETICS

Interscholastic Sports

<u>Fall</u>	<u>Winter</u>	<u>Spring</u>
Cheerleading	Basketball (Boys & Girls)	Baseball
Football	Bowling (Co-Ed)	Softball
Soccer (Boys & Girls)	Indoor Track (Boys & Girls)	Track and Field (Boys & Girls)
Volleyball (9-12)	Wrestling (Co-Op with Becton)	Boys Volleyballl
		Girls Flag Football

Eligibility Requirements for Wood-Ridge High School Athletics:

First Semester - To be eligible for athletic competition, a student must have passed 30 credits** during the immediate preceding school year, including summer school, to be eligible for the first semester (Fall and Winter).

**** 30 Credits for the Class of 2024 (Per N.J.S.I.A.A.)**

***Note:** *The first semester rule does not apply to incoming freshmen.*

Second Semester - As of January 31st, all students must be passing 15 credits*** from the 1st semester to be eligible for the second semester (Spring). Full year courses shall be equated as one-half to determine credits earned from the first semester.

Co-Curricular Clubs & Activities

Class Council Grade 7	Chess Club (7-12)
Class Council Grade 8	Debate Team
Freshman Class Council	Environmental Club (7-12)
Sophomore Class Council	Italian Club (7-12)
Junior Class Council	National Honor Society
Senior Class Council	Junior National Honor Society (8)
JR-SR High School Student Council (7-12)	School Play/Musical (7-12)
Art Club	STEM/Robotics (7-12)
Band (7-12)	Teen Institute (7-12)
Glee Club (7-12)	Yearbook (7-12)
Leo Club (7-12)	Neutral Zone (7-12)
	Book Club

Traditions, Colors & Alma Mater

“Blue Devils” is the school nickname. The colors of Wood-Ridge High School are blue and white. Traditionally, students wear clothing or emblems with blue and white on game days and to the games.

Alma Mater

To thee our Alma Mater
We sing our praises true.
Your loyal sons and daughters
Will uphold the white and blue.
The memories we will cherish
Though we may drift apart.
Our thoughts will always linger here
In dear old Wood-Ridge High

Course Offerings Grades 9-12

LANGUAGE ARTS

The English curriculum provides a foundation in each of the language arts. Courses in Grades 9, 10, 11, and 12 survey World, American, British and Contemporary/Classical Literature respectively. Elective courses are offered in the areas of creative writing and photojournalism/publishing meet the varied interests of students.

WORLD LITERATURE 01001 9 5 credits

Pre-Requisite: *Successful completion of Grade 8 English*

The Language Arts curriculum for the ninth grade student is designed to enhance the English skills of composition, grammar, literature and vocabulary. The curriculum is designed to ensure that students read classical and modern literature and to be an introduction to various genres of literature with an emphasis on World Literature. The use of a variety of technologies in research activities is integrated throughout the curriculum. Students are required to complete a research paper.

WORLD LITERATURE HONORS 01001H 9 5 credits

Pre-Requisite: *Score of 7+ on the district Honors rubric*

The Language Arts curriculum for the ninth grade honors course is designed to complete additional readings, literary analysis and writing. Admission to this course requires the completion of a summer assignment as determined by the English Department. The honors curriculum is designed to ensure that students read classical and modern literature and to be an introduction to various genres of literature with an emphasis on World Literature. The use of a variety of technologies in research activities is integrated throughout the curriculum. Students are required to complete a research paper.

SURVEY OF LITERATURE 01002 10 5 credits

Pre-Requisite: *Successful completion of English I OR English I Honors*

Students engage in a review of the fundamentals of writing effectively and refine their skills through practices of written compositions. This course of study serves as the foundation of American Literature, tracing the origins and growth of various pieces of literature and examining common themes, determining author's intent, theme and intended message. Students are required to complete a research paper.

SURVEY OF LITERATURE HONORS 01002H 10 5 credits

Pre-Requisite: *Score of 7+ on the district Honors rubric*

English II Honors expands upon the skills introduced in English I Honors and serves as the foundation of American literature. Students will engage in various modes of writing with emphasis on prose writing, including analytical essays and critical analyses. The students engage in outside research and read supplementary novels and plays. Students must complete a research paper as a requirement of this course. A summer assignment, as determined by the English Department, must be completed prior to entering this course.

AMERICAN LITERATURE 01054 11 5 credits

Pre-Requisite: *Successful completion of English II OR English II Honors*

The English III course expands upon the skills introduced the preceding school year. Students will engage in various modes of writing with continued emphasis on exposition and style. This course will survey major works of American Literature, both fiction and nonfiction. Students must complete a research paper.

AMERICAN LITERATURE HONORS **01054H** **11** **5 credits**

Pre-Requisite: *Score of 9+ on the district Honors rubric*

The English III Honors course expands upon the skills introduced in Honors English II. Students will engage in various modes of writing with emphasis on prose writing, including analytical essays and critical analyses. The students engage in outside research and read supplementary novels and plays. Students must complete a research paper as a requirement of this course. A summer assignment, as determined by the English Department, must be completed prior to entering this course.

AP LANGUAGE & COMPOSITION **11** **5 credits**

Pre-Requisite: *Score of 8+ on the district AP rubric*

An AP English Language and Composition course guides students in becoming curious, critical, and responsible readers of diverse texts, and becoming flexible, reflective writers of texts addressed to diverse audiences for diverse purposes. The reading and writing students do in the course will deepen and expand their understanding of how written language functions theoretically: to communicate writer's' intentions and elicit readers' responses in particular situations. The course cultivates the rhetorical understanding and use of written language by directing students' attention to writer/reader interactions in their reading and writing of various formal and informal genres.

BRITISH LITERATURE **01056** **12** **5 credits**

Pre-Requisite: *Successful completion of English III OR English III Honors*

English IV focuses on the literary contributions of British writers from Beowulf and the Anglo-Saxon Period to the present. In this course, students learn to construct meaning from fiction (poetry, prose, journal entries and other genre) and non-fiction (technical resources). Course activities require study and research skills, analysis of college preparation vocabulary, writing as a process and the development of reading response logs. Writing assignments will develop students' written expression and language skills through the writing process. Students must complete a research paper as a requirement of this course. The use of a variety of technology in research activities is integrated throughout the curriculum.

BRITISH LITERATURE HONORS **01056H** **12** **5 credits**

Pre-Requisite: *Score of 9+ on the district Honors rubric*

English IV Honors focuses on the literary contributions of British writers, including Shakespeare. In this rigorous course, students learn to construct meaning from fiction (poetry, prose, journal entries and other genre) and non-fiction (technical sources) and analyze abstract elements of literature. Course activities require in-depth study and research skills, analysis of college preparation vocabulary, writing as a process and the development of reading response logs. Speaking, listening, and media literacy skills are incorporated through class discussions, oral presentations and multimedia projects.

AP ENGLISH LITERATURE **01006** **12** **5 credits**

Pre-Requisite: *Score of 8+ on the district AP rubric*

This course is recommended for students who desire to pursue college-level studies in high school. Students prepare for the AP test and survey major British works (mostly chronologically). Prior to entering the course in September, students must complete a department-approved summer essay assignment. **Students enrolling in this course are required to take the Advanced Placement Test in the spring.**

ESL– English as a Second Language **01008** **9-12** **5 credits**

The English as a Second Language program provides non-English speaking students with the opportunity to develop the communication skills needed to develop proficiency in each area of language arts. Additionally, academic support is offered to students to assist in their acclimation to their mainstream subjects. A district approved standardized test is administered upon entry and twice yearly to monitor each student's individual progress.

ACCUPLACER ELA 22001 9-12 2.5 Credits

This class will be offered in an effort to prepare them for the Accuplacer Assessment. Students will practice English test-taking skills by reviewing relevant material and then answering questions in a structure that follows the standardized test that they will be taking.

CREATIVE WRITING 51104 10-12 2.5 Credits

This course is designed for students who wish to use their imagination and creativity to explore creative writing. Students will examine samples of professional writing and use prompts to develop creative ideas. In addition, students will collaborate and share insights into selected themes.

INTRO TO MASS MEDIA 61056 10-12 2.5 Credits

This introductory course explores pre-production, production, and post-production in the wide and varied fields of mass media. The three major media studied are creative writing, video, and television. Students develop writing, verbal, and directing skills through the use of computers, video editing, group work, and live and location camera shooting as they produce works in each of the major areas of study.

EXPERIENCING THE CLASSICS 01053 10-12 2.5 Credits

Experiencing the Classics is a semester elective course in which students read, view, discuss, critique, and write about classic works of literature (primarily novels and plays) that are vital to developing their cultural literacy and readiness for college and life. Works studied in this class include Hamlet, Pride & Prejudice, The Scarlet Letter, The Great Gatsby, and additional works students may choose themselves.

JOURNALISM 01104 9-12 2.5 Credits

This course focuses on the theory and practice of gathering, processing, and delivering news and that prepares students to be professional journalists, news editors, and news managers. The course includes instruction in news writing and editing; reporting; layout and graphic design; journalism law and policy; professional standards and ethics; research methods; and journalism history and criticism.

SOCIAL STUDIES

The State of New Jersey requires one year of World History and Cultures and two years of United States History. The Social Studies curriculum includes a variety of electives which are designed to provide students with the opportunity to pursue further knowledge and skills which correspond to specialized Social Studies fields.

WORLD HISTORY 04051 9 5 Credits

Pre-Requisite: *Successful completion of Grade 8 Social Studies*

The World History course chronicles the significant events and issues of civilization from the Age of Global Encounters (1400-1750) to the Modern World Era (1945-present). This course links the past and the present through the exploration of key historical themes. Students employ prior learning to enhance in-depth discussion of past civilizations and their crucial role in the development of our own diverse society and culture. Writing, speaking and listening skills, and interpretation of written documents are integrated through class discussions and oral presentations.

WORLD HISTORY HONORS 04051H 9 5 Credits

Pre-Requisite: *Score of 7+ on the district Honors rubric*

The World History Honors course is a rigorous course which explores the significant events and issues of civilization from the Age of Global Encounters (1400-1750) to the Modern World Era (1945-present). Students acquire the strategies necessary to gather, analyze and comprehend information and use critical-thinking, decision-making and problem-solving skills to formulate conclusive opinions. The study of geography and interdisciplinary connections relate history to the arts, economics and science enabling students to grasp the interrelationship between and among them. The use of a variety of technologies is integrated throughout the curriculum.

U.S. HISTORY I 04101 10 5 Credits

Pre-Requisite: *Successful completion of World History or World History Honors*

The U.S. History I curriculum chronicles the development of the United States, from Reconstruction through to World War II. The course examines the advancement of the United States at the turn of the 20th Century and the profound effect of the boisterous beginning of the 1900s. The objectives and competencies include history, geography, economics, civics, science and the arts from a diverse perspective, enabling students to grasp the interrelationship between and among them.

U.S. HISTORY I HONORS 04101H 10 5 Credits

Pre-Requisite: *Score of 7+ on the district Honors rubric*

The U.S. History I Honors course is a rigorous curriculum designed to challenge students and to help prepare them to pursue AP social studies courses. The focus of this course is centered on United States History from Reconstruction through World War II. Honors students will be expected to complete research papers and analyze outside readings and primary source documents

U.S. HISTORY II 04101 11 5 Credits

FDU Middle College Credit

Pre-Requisite: *Successful completion of U.S. History I or U.S. History I Honors*

U.S. History II chronicles the development of United States history and culture from the Cold War to the present. The course builds upon prior learning from U.S. History I and examines the United States struggle to understand its new role in the ever-changing world both domestically and abroad.

U.S. HISTORY II HONORS **04101H** **11** **5 Credits**

FDU Middle College Credit

Pre-Requisite: *Score of 9+ on the district Honors rubric*

U.S. History II Honors offers students the opportunity to study the significant events and developments from the Cold War through the present in greater depth. Students will be assigned supplemental readings in order to compare, contrast and evaluate the interpretations of various historians. Assignments will be comprehensive. The ability to analyze and synthesize historical material is essential. A research paper is required; therefore, reference skills and critical-thinking are stressed. Emphasis will be placed on the political, economic and social action that impact on American History.

AP UNITED STATES HISTORY **04104** **11** **5 Credits**

Pre-Requisite: *Score of 8+ on the district AP rubric*

AP History examines the history of the United States from the closing of the nineteenth century to present day. Particular emphasis is placed upon the political institutions and behavior, social and economic change, diplomacy and international relations and cultural and intellectual developments. Instruction requires students to use higher-order cognitive skills and integrate computer technology and Internet research. **Students enrolling in this course are required to take the Advanced Placement Test in the spring.**

AP UNITED STATES GOVERNMENT **04159** **11-12** **5 Credits**

Pre-Requisite: *Score of 8+ on the district AP rubric*

AP Government is divided into six segments. The first, Constitutional Underpinnings of the US Government, is an overview of the form and function of the Constitution, including its historic foundations, ideological and philosophical traditions. The second, Political Beliefs and Behaviors, examines political socialization and applications in the US. Third, Political Parties, Interest Groups and Mass Media, explores the influence of political institutions and American participation in those groups. The fourth topic, Institutions of National Government, studies the concept of federalism and separation of powers. Fifth, Public Policy, gives an overview of the interactions between all of the players in the US Government, including the end product of those interactions. Finally, and perhaps most importantly, Civil Rights and Civil Liberties, examines the Constitution in practice, the courts and the evolution of civic life in the US. **Students enrolling in this course are required to take the Advanced Placement Test in the spring.**

PUBLIC SPEAKING **01151** **9-12** **2.5 Credits**

FDU Middle College Credit

This course is designed to teach the basics of communicating in a clear and concise manner. The goal is to make students more effective speakers and gain confidence and experience speaking in front of groups. Students are required to make oral presentations, research topics, and use expository & creative writing to develop speeches or debates.

THE 1960s **04109** **10-12** **2.5 Credits**

FDU Middle College Credit

This course focuses on political, social and economic forces that made the 1960s one of the most turbulent decades in our nation's history. The Civil Rights Movement, the Kennedy Era, the emergence of a pop culture and the space program are some of the topics covered in this detailed course.

UNSOLVED MYSTERIES IN HISTORY **04062** **10-12** **2.5 Credits**

This course will focus on investigating some of the most mystifying events in history through the use of primary sources, conflicting viewpoints, and historical detection. Students will span through thousands of years and search the world's greatest unsolved mysteries to speculate on what might have happened. Topics will range from events

and themes in ancient civilizations such as the history of the Knights Templar, the true discoverer of the Americas, and the Shroud of Turin. The course concludes with contemporary issues such as the identity of Jack the Ripper, the disappearance of Jimmy Hoffa, and the assassination of John F. Kennedy.

WOMEN IN HISTORY **04108** **10-12** **2.5 Credits**

This semester course examines the role women played in key events throughout American history. What were women's lives like before the arrival of European settlers, during the colonial period, during the 19th century? In this course, you will enhance your knowledge of women's roles throughout American history and explore how primary sources reveal and conceal women's history using multimedia resources.

LAW **04162** **11-12** **2.5 Credits**

Law is an elective course that provides an understanding of our criminal and civil legal systems. The Amendments and the court system are emphasized in the criminal section. Tort law and contract law are featured in the civil system.

SOCIOLOGY **04258** **11-12** **2.5 Credits**

This course covers the basic principles of Sociology. Topics include culture, social structure, socialization, social interaction, groups and social change. It also includes units about social class, racial and ethnic relations and gender. Emphasis is placed on the analysis of current social problems such as peer pressure, racism, divorce, deviant behavior and crime. This course by its nature requires student participation in a wide range of activities such as discussion, simulations, and experiments.

CURRENT ISSUES **04106** **11-12** **2.5 Credits**

Emphasis in this elective course will center on America as a dynamic society, witnessing changes involving community, state, nation and world. Some of the pressing problems facing a rapidly changing technological society will be examined. These changes will be studied through the use of various news media. Students will cover various economic, political, social and cultural problems as they arise in the news.

PSYCHOLOGY **04254** **10-12** **2.5 Credits**

Learning psychology provides a comprehensive introduction to understanding human behavior. Students in this course will learn about several important aspects of psychology such as the history of psychology, different research methods, human development, different personality types, and social interactions. Overall, students will be able to better understand behaviors and emotions and why people think the way they do and why they behave and react the way they do.

CULTIVATING HAPPINESS **11-12** **2.5 Credits**

Cultivating Happiness will introduce students to the new idea around the research on how people in society develop happiness overall. Students will learn about the differences between our overall well-being and happiness and learn how to change our mindset from a negative to positive one. A focus will be given to the literature on reframing negative perspectives, developing resilience, and finding meaning in one's life. This class will also require students to identify a way in which they can make a more positive impact in the community.

MATHEMATICS

The Mathematics program offers a wide variety of courses to allow students to improve skills and achieve to their ability level. For advanced students, advanced placement courses offer an opportunity to pursue college-level work.

ALGEBRA I 02052 9-10 5 Credits

The course begins with an introduction to variables and numerical operations and builds upon prior learning of math skills, examining different methods of solving a system of equations. Additional topics addressed in the course are: properties of sets of real numbers, graphing on a coordinate plane, slope, equations of lines, solving linear equations and inequalities, similarity, polynomials and their operations, probability, laws of exponents and algebraic problem solving.

A TI-83+ or better graphing calculator is required

GEOMETRY 02072 9-11 5 Credits

Pre-Requisite: *Successful completion of Algebra I*

Students are introduced to a variety of precisely-stated vocabulary including basic definitions, theorems and postulates and incorporate such vocabulary into problem-solving. Other units include types of geometries, conditional statements, congruence, similarity, parallelism, perpendicularity, graphing angles, quadrilaterals, triangles, polygons, circles and three-dimensional solids and surfaces.

A TI-83+ or better graphing calculator is required

GEOMETRY HONORS 02072H 9-10 5 credits

Pre-Requisite: *Successful completion of Algebra I and a score of 7+ on the district Honor rubric*

Geometry Honors is a rigorous program designed to meet the needs of highly self-motivated students who accelerate in mathematics. It is expected that students have the goal of taking four years of mathematics. The honors geometry course introduces students to a more in-depth look at planes, three-dimensional objects and similarity. Emphasis in this course is on writing, critical-thinking, problem-solving and participation in cooperative activities.

ALGEBRA II 02056 10-12 5 credits

Pre-Requisite: *Successful completion of Geometry*

Algebra II is designed for college-preparatory students who have successfully completed Geometry. It incorporates the concepts previously learned in Algebra I with several new concepts including functions, domain, range, variation and systems of equations, matrices, inverses, logarithms, quadratic equations and polynomials.

ALGEBRA II HONORS 02056H 10-12 5 credits

Pre-Requisite: *Score of 7+ on the district Honors rubric*

Algebra II Honors is the second course in the honors level mathematics program. It is designed to meet the needs of the students who have accelerated in mathematics through an in-depth instructional approach. Topics covered in the course include, but are not limited to, functions, solving and graphing linear, polynomial, quadratic and variation equations, lines, slope, matrices, real and imaginary number systems, mathematical modeling, exponents, logarithms and trigonometry.

PRE-CALCULUS 02110E 11-12 5 credits

Pre-Requisite: *Successful completion of Algebra II*

Pre-Calculus is an introduction to Calculus and an advanced continuation of Algebra II. This course will provide the student with the tools necessary that are, at minimum, equivalent to a college-level course in Precalculus. The

student will learn such topics as phase shifting, trigonometric functions, a more in-depth look at logarithms, the principles and fundamentals of limits and derivatives, most graphs of two-dimensional functions and an extensive look at trigonometric identities. This course will prepare the student for Calculus at a university/college level.

PRE-CALCULUS HONORS 02110H 11-12 5 credits

Pre-Requisite: *Score of 9+ on the district Honors rubric*

Pre-Calculus Honors focuses on a variety of upper level mathematical concepts including types of functions, domain and range of functions, graphs of functions, behavior of functions, transformations, trigonometry and conic sections. Students are expected to utilize analytical skills to inquire and form conclusions in both an independent and collaborative work setting.

AP CALCULUS 02024 12 5 credits

Pre-Requisite: *Successful completion of Pre-Calculus and score of 8+ on the district AP rubric*

The curriculum for AP Calculus is based on the recommendations laid out by The College Board and developed by the participating colleges and universities. The work completed is the equivalent of a full semester of college Calculus and is intended to be challenging and demanding. Broad concepts and widely applicable methods are emphasized. **Students enrolling in this course are required to take the Advanced Placement Test in the spring.**

STATISTICS 02201 11-12 5 credits

Pre-Requisite: *Successful completion of Algebra I*

In this course, students will be introduced to the major concepts of probability, interpretation of data, and statistical problem solving. Students will learn the course concepts through hands-on experimentation and investigation. They will analyze existing data as well as data collection, and methods of determining probability. Students will use multiple representations to present data including written descriptions, numerical statistics, formulas and graphs.

AP STATISTICS 02201 11-12 5 credits

Pre-Requisite: *Successful completion of Algebra I and a score of 8+ on the district AP rubric*

AP Statistics introduces students to the concepts and tools for collecting, analyzing and drawing conclusions from data. Students are exposed to four broad conceptual themes: 1. Exploring Data: Describing patterns and departures from patterns 2. Sampling and Experimentation: Planning and conducting a study 3. Anticipating Patterns: Exploring random phenomena using probability and simulation 4. Statistical Inference: Estimating population parameters and testing hypotheses. **Students enrolling in this course are required to take the Advanced Placement Test in the spring.**

AP COMPUTER SCIENCE PRINCIPLES 99568 9-12 5 credits

Pre-Requisite: *Successful completion of Algebra I and a score of 8+ on the district AP rubric*

AP Computer Science Principles is a computer science course designed to give students foundational computing skills, and an understanding of the real-world impact of computer programming and innovations. The goal of this course is to increase student interest in computer science as well as other STEM fields. This course will prepare students for success in computer science and focus on the fundamentals of computing, including problem-solving, large-scale data, the Internet, and cybersecurity. **Students enrolling in this course are required to take the Advanced Placement Test in the spring.**

AP COMPUTER SCIENCE A 10157 11-12 5 credits

Pre-Requisite: *Successful completion of Algebra I with recommended courses of Algebra II and AP Computer Science Principles.*

Computer Science A emphasizes object-oriented programming methodology with an emphasis on problem solving and algorithm development and is meant to be the equivalent of a first-semester course in computer science. It also includes the study of data structures and abstraction.

BUSINESS MATH 02154 11- 12 5 credits

FDU Middle College Credit

Business math reinforces general math topics (e.g., arithmetic, measurement, statistics, ratio and proportion, exponents, formulas, and simple equation) by applying these skills to business problems and situations; applications might include wages, hourly rates, payroll deductions, sales, receipts, accounts payable and receivable, financial reports, discounts, and interest.

ACCUPLACER MATH 22002 12 2.5 credits

This class will be offered in an effort to prepare them for the ACCUPLACER Assessment. Students will practice Math test-taking skills by reviewing relevant material and then answering questions in a structure that follows the standardized test that they will take.

SCIENCE

The science department offers a wide range of courses that provides students with the opportunity to become scientifically and technologically literate.

PHYSICS 03151 9 , 11-12 5 credits

FDU Middle College Credit

The curriculum focuses on physical science emphasizing student understanding of the world and the universe. Classical physics and modern physics are covered with humanistic aspects of science showing relationships of individuals and science. Modern physics examines the study areas of mechanics, electricity and magnetism, light, atomic and nuclear physics and electronics. A solid foundation of math and graphing skills is necessary for the student to grasp the scientific laws and problems involved in this course.

PHYSICS HONORS 03151H 9, 11-12 5 credits

FDU Middle College Credit

Pre-Requisite: *Score of 7+ on the district Honors rubric*

Co-Requisite: *Placement in Geometry or above*

The curriculum focuses on Quantitative Physics emphasizing student understanding of the world and the universe. Classical Physics and Modern Physics are covered with humanistic aspects of science showing relationships of individuals and science. Modern Physics examines the study areas of mechanics, electricity and magnetism, light atomic and nuclear physics, electronics, general relativity and quantum mechanics. Advanced Math & Graphing skills are required for students to apply the scientific laws and solve problems involved in this course.

CHEMISTRY 03101 10 5 credits

Pre-Requisite: *Successful completion of Physics and Algebra I*

This is a college preparatory course designed to acquaint students with the fundamentals of chemistry. The structure of the atom, the dynamics of chemical reactions, energy, the phases of matter, ionics, co-valents and organic functional groups are discussed. Quantitative relationships are emphasized. Laboratory experience is an integral part of the course.

CHEMISTRY HONORS 03101H 10 5 credits

Pre-Requisite: *Successful completion of Physics or Physics Honors and a score of 7+ on the district Honors rubric*

This course is a college preparatory course that is designed for students with strong Mathematics and Science backgrounds. All topics covered in the College Prep Chemistry course are covered in more depth and with greater rigor. Additional topics not covered in Chemistry are presented as well.

AP CHEMISTRY (LAB) 03106 11-12 6 credits

Pre-Requisite: *Successful completion of Chemistry and a score of 7+ on the district AP rubric*

Co-Requisite: *Algebra II or higher level math course*

Complete with laboratory, this course is intended for students who plan to pursue in college a science-oriented program and who are interest, while still in high school, in gaining insight into the pace and depth of coverage of a college-level chemistry course. Major topics include solution concepts, physical states of matter, atomic theory, chemical reactions and stoichiometry, thermochemistry, reaction kinetics, acid-base chemistry, redox and description chemistry. **Students enrolling in this course are required to take the Advanced Placement Test in the spring.**

BIOLOGY **03051** **11** **5 credits**

Pre-Requisite: *Successful completion of Algebra I and Chemistry*

Topics of study included are biochemistry, cells, photosynthesis, cellular respiration, DNA and genetics, Earth's early processes, ecology and human systems. Students will investigate the biochemical basis of life and how living and non-living factors work together in ecosystems. In addition to traditional classroom practices, technology-based projects will be incorporated to enhance the student's ability to process and display information in a variety of presentation formats. Students must take the NJBCT exam upon completion of the course.

BIOLOGY HONORS **03051H** **11** **5 credits**

Pre-Requisite: *Successful completion of Algebra I and Chemistry or Chemistry Honors and a score of 9+ on the district Honors rubric*

This course is separated into four major areas: molecules and cells, genetics and inheritance, kingdom diversity and human biology. Students will be expected to approach scientific investigations on a rigorous level and produce in-depth laboratory reports, as well as long-term projects in each of the four major areas. Students must take the NJBCT exam upon completion of the course.

ENGINEERING THE FUTURE (STEM) **21003** **11-12** **5 credits**

FDU Middle College Credit

Pre-Requisite: *Successful completion of Physics, Chemistry, Algebra I and Geometry; Co-Enrollment in Biology is strongly encouraged*

Engineering The Future is designed to provide students with the skills necessary to program, build and operate automated machines and robotic devices. The history and current trends of automation and robotics is addressed. Application to industry, home and our daily lives will be investigated. Students will assess, build and test various automation and robotic devices employing electronics and electromechanical technology. Hands-on assembly and operation are encouraged.

ANATOMY/PHYSIOLOGY **03053** **11-12** **5 credits**

FDU Middle College Credit

Pre-Requisite: *Successful completion of Biology/Biology Honors*

This elective is designed for the student who wishes to pursue a basic understanding of the human body. This course will be divided into four areas: organization of the human body, chemistry of life, body tissues and membranes, and systems of the human body. Students will be given the opportunity to explore anatomy and physiology through diagrams, microscopes, coloring activities, interactive anatomy software, textbooks and videos.

FORENSICS **03108** **11-12** **5 credits**

FDU Middle College Credit

Pre-Requisite: *Successful completion of Biology/Biology Honors and Chemistry/Chemistry Honors*

This course provides an introduction to understanding the science behind crime detection. Topics covered in the course include blood analysis, organic and inorganic evidence analysis, microscopic investigations, hair analysis, DNA, drug chemistry and toxicology, fiber comparisons, paint, glass compositions and fragmentation, fingerprints, soil comparisons and arson investigations, among others. Laboratory exercises include techniques commonly employed in forensic investigations.

WORLD LANGUAGE

The World Language Department offers students a variety of courses ranging from beginning to Advanced Placement Spanish and Italian. The Wood-Ridge Board of Education requires all students to successfully complete ten credits in the World Languages for graduation. Students who plan to attend competitive colleges or universities are encouraged to take a minimum of two to three years of the same language. However, it is highly advisable to encourage students to continue their studies to AP. Achieving this level is looked favorably by selective Universities/Colleges.

ITALIAN I **06141** **9-12** **5 Credits**

Italian I will introduce students to communicate in the Italian language. Students learn basic grammatical structures of the Italian language including the cultural component. This is accomplished through speaking, listening, reading and writing activities. Meaningful communication of the target language is attained through the study of Italian grammar and the accuracy of expression. The culture of Italy and Italian customs and traditions are also introduced.

SPANISH I **06101** **9-12** **5 Credits**

Spanish I will introduce students to communication in the Spanish language. Students learn about the Spanish language, culture and people through speaking, listening, reading and writing activities. Meaningful communication of the target language is achieved through the study of Spanish grammatical structures and accuracy of expression. The culture of Spain and other Spanish-speaking nations is introduced.

ITALIAN II **06142** **9-12** **5 Credits**

Pre-Requisite: *Successful completion of Italian I*

Italian II continues to build upon the grammar and vocabulary that was learned in Italian I. Students will continue to learn advanced grammatical structures. A higher level of proficient is expected through various speaking, listening, reading and writing activities. Meaningful communication of the target language is achieved through the study of Italian grammar and the accuracy of expression. The four basic skills of listening, speaking, reading and writing continue to be reinforced. The culture of Italy and Italian customs and tradition are also discussed in greater detail.

SPANISH II **06102** **9-12** **5 Credits**

Pre-Requisite: *Successful completion of Spanish I*

This course builds upon the skills and vocabulary established in Spanish I. Vocabulary is expanded and greater use of the target language in classroom conversation and discussion is emphasized. Grammar and the ability to use it correctly are carried forward from Spanish I, and a higher degree of accuracy is expected in spoken and written work. Meaningful communication of the target language is achieved through the study of Spanish grammatical structures and accuracy of expression. The four basic skills of listening, speaking, reading and writing continue to be reinforced. The culture of Spain and other Spanish-speaking nations continues to be explored.

ITALIAN III **06143** **10-12** **5 Credits**

Pre-Requisite: *Successful completion of Italian II*

The Italian III course of study continues to build upon the grammar and vocabulary that was learned in Italian II. Students will learn more sophisticated grammatical structures and greater use of the target language. Classroom conversation and discussion is emphasized. This is accomplished through speaking, listening, reading and writing activities. A higher degree of accuracy is expected in both spoken and written work in Italian III.

SPANISH III **06103** **10-12** **5 Credits**

Pre-Requisite: *Successful completion of Spanish II*

This course builds upon the skills and vocabulary established in Spanish II. Spanish III vocabulary is expanded and greater use of the target language in classroom conversation and discussion is emphasized. Grammar and the ability to use it correctly are carried forward from Spanish II, and a higher degree of accuracy is expected in spoken and written work. Meaningful communication of the target language is achieved through the study of Spanish grammatical structures and accuracy of expression. The four basic skills of listening, speaking, reading and writing continue to be reinforced. Students will be further exposed to the culture of Spain and other Spanish-speaking nations.

ITALIAN IV **06144** **11-12** **5 Credits**

Pre-Requisite: *Successful completion of Italian III*

The Italian IV course is designed to build upon the skills already acquired in Italian III. At this level, students are asked to communicate using more complex language. Students will begin to understand and convey information about, art, history, current affairs and civilization with an emphasis on significant people and events in these areas. Students will continue to use and understand connected sentences and short paragraphs when speaking, reading and writing. Students will continue to develop cross-cultural appreciation by learning the values and products of the Italian culture.

SPANISH IV **06104** **11-12** **5 Credits**

Pre-Requisite: *Successful completion of Spanish III*

This course builds upon the skills, vocabulary and reading established in Spanish III. Vocabulary is expanded and predominant use of the target language in classroom conversation and discussion is stressed. The four basic skills of listening, speaking, reading and writing continue to be reinforced with emphasis upon speaking, reading, and writing with a higher degree of accuracy. Students continue to be exposed to the culture of Spain and other Spanish-speaking nations.

AP SPANISH **06112** **12** **5 Credits**

Pre-Requisite: *Successful completion of Spanish IV or teacher recommendation and a score of 8+ on the district AP rubric*

The emphasis of this course will be in the area of the ongoing development of speaking and listening skills in conjunction with further improvement of the students' ability to read and write the world language with greater facility and accuracy. Presentation of advanced syntax to improve stylistics is also addressed. Students will continue their exploration of the culture of Spain and other Spanish-speaking nations. **Students enrolling in this course are required to take the Advanced Placement Test in the spring.**

VISUAL AND PERFORMING ARTS

The Art Department at Wood-Ridge High School offers a variety of courses for students with all levels of ability. Students who want to explore art for personal enrichment or pursue art on the post-secondary level and beyond are encouraged to participate. In addition, the Music Department offers a wide variety of courses for students with all levels of ability. Students who want to explore music for personal enrichment or pursue art on the post-secondary level and beyond are encouraged to participate

BAND 05103 9-12 5 Credits

Band is open to students in grades 9, 10, 11, and 12 possessing intermediate skills on woodwind, brass, and percussion instruments. Students study and perform music of an intermediate level with emphasis on developing technical ability, characteristic tonality, and knowledge of phrasing. Performances are culminating experiences without equivalent substitutes. Students accept the performance calendar as a condition of participation and as part of the course requirement. Band students perform at all football games and various exhibitions and competitions during fall season. Band students are required to perform in the Holiday, Spring Concerts, Memorial Day Parade and HS Graduation.

CHOIR 05111 9-12 5 Credits

Students will be in an active singing/performance course. They will become accustomed to recognizing pitch intervals to the point that, given a starting pitch, they will be able to sing through an excerpt of music they have never seen before. Choir I through IV will learn the same music, each semester and will sing as a whole but will have different concentrations in music theory and sight singing. Every semester the music will change. The first half of the class will consist of the concentrations and the other half will be singing and applying what they learned to the songs they will perform with Choir I through IV. By signing up for this full time course, they will perform in the Holiday and Spring Concert in the evening. Concerts dates and times will be announced at the start of the course. Each Concert will be an exam and is mandatory.

AMERICAN POP MUSIC 05116 9-12 2.5 Credits

This course is designed to provide students with knowledge of the development of American music from the early 20th century to the present. Through critical listening, students gain an awareness of various musical styles and an ability to appreciate music as an art form. Students also develop an understanding of the influence social and political issues have had and continue to have on American composers and performers.

MUSICAL THEATER 05051 9-12 5 Credits

This year long class is designed to provide students with experience in the artistic/creative process through participation in all aspects of play production. The nature of this course is to provide hands-on learning experiences through participation and project management. Students will be expected to sing, dance, act, assist with advertising, set design, costumes, run lighting and sound systems, and to attend multiple performances throughout the time the student is enrolled in the musical theater class. Students are also required to log a minimum of 18 hours of after-school work for the school year, which should include, but not limited to, participation in our rehearsals and productions of the Winter High School Drama Production, Holiday Concert, Talent Show and/or Spring High School Musical as a cast or crew member.

THEATER, ART, AND FILM 05051 9-12 2.5 Credits

Students will learn the basic skills necessary for theatrical production including scene interpretation and development, monologue and ensemble performance, basic blocking, scriptwriting and an introduction to theater, art & film. This course focuses on the application of stage and performance principles including design,

construction and operation of scenery, sound, lighting, makeup, costume, props and stage management. The course is designed as a practical approach to providing students with the fundamental skills of the dramatic arts with a strong focus on analysis and performance of dramatic works.

INTRODUCTION TO ART **05151** **9-12** **2.5 Credits**
FDU Middle College Credit

This general introductory semester course provides the student with the essential skills needed to strengthen an appreciation of the world around us, as well as the ability to be creative and inventive. The focus is primarily on black and white composition through a variety of projects - Kirigami, scratchboard, value designs, facial proportion drawing and shading. The elements of value and shading, line and texture are emphasized. The student concentrates on realism in drawing and the various methods used to achieve realism, and thus creativity, in drawing. Projects may include still life, portraiture, illustration and a variety of activities that foster creativity.

ART & DESIGN **05155** **9-12** **2.5 Credits**
FDU Middle College Credit

Pre-Requisite: *Successful completion of Intro to Art*

This semester course focuses on the development of skills using color and design composition. The student uses a variety of colored media: paint, colored pencil, pastel and assorted art media. Research of historical and cultural origins of art as well as craft and folk art is explored. A color wheel is also developed by the student to be used in the design of individual pieces in color. These pieces may include a commercial advertisement, greeting card designs, logos, as well as 3-dimensional compositions. Hands-on activities will enable the student to further build upon the skills and creativity learned in Art I.

ADVANCED PORTFOLIO DESIGN **05170E** **10-12** **2.5 Credits**

Pre-Requisite: *Successful completion of Studio Art; art teacher recommendation*

Advanced Portfolio Design is a semester course designed to prepare students who are planning on entering an art program at the university level or attending an art school to create a comprehensive portfolio of work that will help them in the admissions process. This class will provide students with an advanced knowledge of the disciplines of art: art production, aesthetics, art history, and criticism with an emphasis on portfolio preparation. Students will gain advanced knowledge of two and three dimensional design, and advanced drawing skills.

PAINTING **05157** **10-12** **2.5 Credits**

Pre-Requisite: *Successful completion of Intro to Art and Art & Design*

Students can expect to gain a strong foundation in drawing and painting in this beginning level class. Composition, the visual element, the principles of design, and the basic techniques and concepts of both drawing and painting will be covered. The end goals are to increase artistic self-confidence, increase one's understanding of the basics of drawing /painting and to produce successful works.

CRAFTS **05165** **9-12** **2.5 Credits**

Crafts is a hands-on course designed to give students opportunities to develop skills in a variety of craft techniques. The course delves into the history of each craft and its application to today's society. There are numerous connections to the core academic areas. Examples of the skills that may be developed include macramé, decoupage, charted designs, basketry, weaving, quilting, knitting, crocheting, paper craft, bookbinding, and stamping.

21st CENTURY LIFE, BUSINESS & CAREER EDUCATION

CULINARY ARTS I **22202** **9-12** **2.5 credits**

The Culinary Arts I curriculum is aligned to the American Culinary Federation Standards. Students will explore the culinary arts industry and receive an overview of industry standards, safe operation of equipment as well as safe handling of food and basic nutrition. Guest speakers will be invited for colleges, culinary schools and local restaurants to help students develop a better understanding of the culinary field. Students will also participate in several community activities which include Thanksgiving food baskets and holiday parties which allow the community the opportunity to experience the students' achievements.

CULINARY ARTS II **16056** **9-12** **2.5 credits**

Pre-Requisite: *Successful completion of Culinary Arts I*

The Culinary Arts II curriculum is aligned to the American Culinary Federation Standards. Culinary Arts II builds upon student's skills and knowledge applied in Culinary Arts I. The type of food preparation expands from a primarily regional U.S. focus in Culinary Arts I to include international cooking techniques. The students will also participate in an interdisciplinary project with the library and art classes. This course focuses on baking, "chef in training" and nutrition, hospitality, sales and marketing.

BAKING & PASTRY **16054** **11-12** **2.5 credits**

The Culinary Arts Curriculum is aligned to the American Culinary Federation Standards. This course is designed to provide students with the proper techniques and procedures used in creating baked goods and pastries partnered with the comprehensive understanding of ingredients used. Baking and Pastry builds upon the knowledge and skills learned in Culinary Arts 1 & 11 to continue students on a path to become accomplished bakers. While an emphasis is placed on theory and techniques, students will become proficient in the use of specific baking tools and various equipment to utilize baking ingredients to create basic cakes, pastries and breads.

21ST CENTURY LIFE SKILLS **22206** **9-12** **2.5 credits**

This course is designed for students who are seeking to learn about various career paths: professional, technological, semi-professional, clerical and/or vocational. Students will evaluate their specific interests, skills and academic abilities through projects in self-awareness. They will explore basic information related to their career interests by investigating various careers in banking, travel, communications, business, transportation, marketing, healthcare, technology, education etc. Speakers from diverse career clusters are scheduled upon availability. Each student will create a personal portfolio. This portfolio will demonstrate technological skills and personal information. We will discuss personality traits, interests, values, setting goals, researching careers (on and off the computer, professional behavior, first impressions, resumes and interviews.

EVENT PLANNING **16001** **9-12** **2.5 credits**

In this course, students will gain knowledge about being an Event Planner. The students will be introduced to concepts of event planning; including scouting locations, food choices, party concept ideas, decorations, and maintaining a budget. With these new found skills, students will be required to plan an event.

FOOD SCIENCE **16054** **9-12** **2.5 credits**

Food Science is an interdisciplinary subject that is defined as the science of production, processing, preparation, evaluation and utilization of food

FINANCIAL LITERACY **12103** **9-12** **2.5 credits**

This course provides a comprehensive foundation of financial principles and finance applications. Students will have actual hands-on experience in completing an accounting cycle for merchandising and publicly-held corporations with applications reinforced by the use of computers.

INTRO TO BUSINESS **62999** **10-12** **2.5 credits**

This semester course designed to provide students with the skills and knowledge required to succeed in the business world. Emphasis is placed on using current business software, communications, and the Internet for business transactions.

MARKETING ESSENTIALS **12163** **10-12** **2.5 credits**

This course is designed to enable students to understand and apply marketing, management, and entrepreneurial principles, make rational economic decisions, and exhibit social responsibility in a global economy. Topics covered will include a wide range of traditional business topics with a particular focus on the basic principles of marketing. Students will acquire broad understandings of and skills in marketing so that they can transfer their skills and knowledge between and among industries, as well as gain a strong foundation to support an advanced study of marketing. Students will recognize the importance of interpersonal skills in diverse societies, gain a realistic understanding of work, and use technology to perform marketing activities. Students will be challenged to analyze ethical implications of various marketing practices.

STOCK MARKET ANALYSIS **12107** **10-12** **2.5 credits**

Pre-Requisite: *Successful completion of Financial Literacy*

Stock market analysis is a one-semester introductory course that covers various security markets and different types of investments available. Students will develop a systematic approach to portfolio development and management. Students will participate in an online stock market simulation game and make investment decisions in real time on a daily basis.

ECONOMICS **04201** **10-12** **2.5 credits**

This course will teach students how to become responsible citizens by learning how to make effective economic decisions. It seeks to provide a basic understanding of economics through the study of how the economy works today. Topics include supply and demand, the banking system, the national and global economy, monetary and fiscal policies, personal finance, investment, insurance, pensions, and the real estate market. The stock market is also covered in this course with an emphasis on how stock prices are determined, why stock prices change, how a stock exchange functions and the impact of the stock market on the overall economy.

MICROSOFT FOR THE BUSINESS WORLD **10-12** **2.5 credits**

This semester course is an introduction to computer-based applications used in the business world. Students will simulate real life and business concepts through software used by business organizations. These computer skills will increase student proficiency in college, career, and personal applications. The course incorporates advanced features of leading software technologies including Microsoft Word, Excel, PowerPoint, Access and Outlook. This course uses Testout Office Pro and BE Publishing Teen App Entrepreneur software.

THEORY IN COACHING **58005** **10-12** **2.5 credits**

During the duration of a semester, this multimedia course will focus on theories in coaching, motivation, and athletes. It will introduce the history and importance of sports in our society, as well as important figures, trends, significant events, developments, and controversies in sports through literature and nonfiction, as well as print and visual media. Coaching and Motivation will consist of an examination of sports from several perspectives through interaction with literature including the following: essayists, sports columnists, the media, novelists, athletes, television and movie directors, and documentaries.

FITNESS FOR LIFE **08052** **10-12** **2.5 credits**

This program is the learning of self-management skills that will help students adopt lifelong healthy lifestyles. Some concepts and principles derived from educational and psychological theory support the importance of self-management skills in making health behavior changes such as becoming more active, eating well, and managing stress.

COLLEGE & UNIVERSITY PARTNERSHIPS

College Credit-Bearing Course Offerings *

FAIRLEIGH DICKINSON UNIVERSITY MIDDLE COLLEGE PROGRAM: The Middle College Program through Fairleigh Dickinson University affords students an opportunity to earn college credit for courses taken at high school. The Middle College Program has approved the following Wood-Ridge High School courses for credit through Fairleigh Dickinson University: Medical Terminology; Physics; Physics Honors Engineering the Future; Forensics, Business Math, Public Speaking, etc. The tuition for FDU Middle College Program is paid by the student's parent/guardian. Students who are taking these courses at Wood-Ridge High School and wish to also be enrolled in the Middle College Program should see their guidance counselor to review registration, information and course requirements.