



WILSON PREPARATORY ACADEMY

Course Descriptions for Freshman, Sophomore, and Junior Students
2017-2018

Please note that the purpose of this document is to provide course descriptions of those courses that are available to students entering high school next year.

10212X0 **English I** **Credit: 1 unit** **Grade Level: 9**
Course Length: Year-long **Prerequisite: None**

This course is a survey and application of the basic elements of functional grammar. It is designed to introduce students to the major literacy types and to initiate some acquaintance with literacy works by American, British, and European writers. The composition component involves progression from sentence to paragraph to short, varied, creative writing assignments. Emphasis will be on media skills, spelling and vocabulary development. Reading and writing assignments will be frequent and challenging.

10215X0 **English I-Honors** **Credit: 1 unit** **Grade Level: 9**
Course Length: Year-long **Prerequisite: None**

This is a course designed for highly motivated students who possess exceptionally strong writing, comprehensive, and thinking skills. It combines previous knowledge of grammatical elements with advanced concepts in grammar including sentence structure, diction, standard punctuation, and capitalization. Students continue to improve their writing skills as they progress from paragraph writing to the three-part paper. This course is designed to introduce major writers of different types of literature. Responses to a broad range of literacy works including short story, drama, epic poetry, and nonfiction will be required. Requirements include independent writing and reading.

43032X0 **World History** **Credit: 1 unit** **Grade Level: 9**
Course Length: Year-long **Prerequisite: None**

World History is a survey course that gives students the opportunity to explore reoccurring themes of human experience common to civilizations around the globe from ancient to contemporary times. A historical approach will be at the center of the course. The application of the themes of geography and an analysis of the cultural traits of civilizations will help students understand how people shape their world and how their world shapes them. As students examine the historical roots of significant events, ideas, movements, and phenomena, they encounter the contributions and patterns of living in civilizations around the world. Students broaden their historical perspectives as they explore ways societies have dealt with continuity and change, exemplified by issues such as war and peace, internal stability and strife, and the development of institutions. To become informed citizens, students require knowledge of the civilizations that have shaped the development of the United States. World History provides the foundation that enables students to acquire this knowledge while will be used in the study of Civics and Economics and United States History.

43035X0

**World History-Honors
Course Length: Year-long**

**Credit: 1 unit Grade Level: 9
Prerequisite: None**

World History is a survey course that gives students the opportunity to explore reoccurring themes of human experience common to civilizations around the globe from ancient to contemporary times. A historical approach will be at the center of the course. The application of the themed of geography and an analysis of the cultural traits of civilizations will help students understand how people shape their world and how their world shapes them. As students examine the historical roots of significant events, ideas, movements, and phenomena, they encounter the contributions and patterns of living in civilizations around the world. Students broaden their historical perspectives as they explore ways societies have dealt with continuity and change, exemplified by issues such as war and peace, internal stability and strife, and the development of institutions. To become informed citizens, students require knowledge of the civilizations that have shaped the development of the United States. World History provides the foundation that enables students to acquire this knowledge which will be used in the study of Civics and Economics and United States History. This course prepares students to expand their ability to think critically, write discussion and research papers, and be able to lead discussions in the classroom.

11412X0

**Spanish-I
Course Length: Year-long**

**Credit: 1 unit Grade Level: 9
Prerequisite: None**

This introductory course is designed for students with little or no previous study of Spanish. Some students in class might have studied Spanish in middle school, but have not grasped some of the important structures of the language. This course teaches basic language patterns and vocabulary. Repetition and comprehensible input are important components of this course. Focus is on all four language skills listening, speaking, reading and writing. Culture is an integral part of the course and is introduced through the use of media, adapted readings and class discussions. In addition to written tests and quizzes, students may also be assessed by means of aural activities. Homework assignments are an integral part of this course; they reinforce concepts/skills introduced and explored in class, which enable students to participate in class in a meaningful way. Completion of homework assignments is a must. Active participation is required.

11012X0C

**French I
Course Length: Year Long
Online Only Through Edgenuity**

**Credit: 1 unit Grade Level: 9-12
Prerequisite: None**

A study of Level I of a second language focuses on the following sequence: Listening, speaking, reading, and writing. The student learns correct pronunciation by listening to the teacher and recorded materials. He/she speaks the language by imitating the teacher and recorded materials. The student reads the language within a limited but practical vocabulary and writes whatever he/she learns to speak. By the end of the first semester of language study, the student is expected to understand, speak, read and write in the target language, words and phrases related to his/her immediate needs. The student is also introduced to the cultures and civilizations of the countries whose language is being studied

60492X0C

**Health and P. E.
Course Length:**

**Credit: 1 unit Grade Level: 9
Semester Prerequisite: None**

This course is designed to emphasize total fitness through individual and team activities. It includes a survey of health knowledge and its relationship to health habits and attitudes. The state course of study is followed. Attention is given to personal health planning, nutrition, weight management, wellness, health risks and behaviors, stress management, relationships, and substance abuse.

35012X0

**Earth/Environmental Science
Course Length: Year-long**

**Credit: 1 unit Grade Level: 9
Prerequisite: None**

The earth/environmental science course focuses on the function of the earth's systems. Emphasis is placed on matter, energy, crystal dynamics, environmental awareness, materials availability, and the cycles that circulate energy and material through the earth system.

35015X0 **Earth/Environmental Science-Honors** **Credit: 1 unit** **Grade Level: 9**
Course Length: Year-long **Prerequisite: None**

The earth/environmental science honors course focuses on the function of the earth's systems. Emphasis is placed on matter, energy, crystal dynamics, environmental awareness, materials availability, and the cycles that circulate energy and material through the earth system. This course takes a more detailed analysis of the earth and its environment than the standard level course as students learn how the laws of matter and energy affect environmental change.

54152X0 **Art I-Beginning** **Credit: 1 unit** **Grade Level: 9-10**
Course Length: Year-long **Prerequisite: None**

The purpose of this course is to introduce students to the languages, concepts, and practices of art through visual and art historical perspectives. Students will be engaged in discussion about the elements of art, such as content, composition, style, method and materials. Students will also be introduced to all of the visual art practices, including drawing and painting, sculpture, printmaking, photography, conceptual installation art, earthworks, as well as craft and graphic design.

52562X0 **Band** **Credit: 1 unit** **Grade Level: 9-10**
Course Length: Year-long **Prerequisite: None**

The Music Department offers Freshman Band to entering 9th grade band students for the study and performance of quality band music. Class activities emphasize the development of instrument technique, tone production, tuning, fundamentals of music theory, music reading, and listening skills.

52312X0 **Vocal Music** **Credit: 1 unit** **Grade Level: 9-10**
Course Length: Year-long **Prerequisite: None**

This organization is the entry-level choir for both male and female students interested in vocal music performance. It is also an outlet for the student who enjoys singing for his/her own pleasure. The following musical skills for ensemble singing will be stressed: proper breathing, pleasant vocal production, blend and balance, expansion of range, good intonation, ear training, and sight-reading. Various styles of choral literature will be explored which will prepare for membership in one of the select choirs by audition. Participation in various performances is a requirement of the class. Out-of-school rehearsals, performances, and activities are part of the course grade. These activities are integral elements that support and extend learning in the classroom. Private lessons are encouraged for all members. Homework will vary with the individual.

21032X0 **Math I** **Credit: 1 unit** **Grade Level: 9**
Course Length: Year-long **Prerequisite: None**

Math I provides the students the opportunity to study concepts of algebra, geometry, functions, number and operations, statistics, and modeling throughout the course. These concepts include expressions in the real number system, creating, and reasoning with equations and inequalities, interpreting and building simple functions, expressing geometric properties and interpreting categorical and quantitative data.

21035X0 **Math I-Honors** **Credit: 1 unit** **Grade Level: 9**
Course Length: Year-long **Prerequisite: None**

Math I provides the students the opportunity to study concepts of algebra, geometry, functions, number and operations, statistics, and modeling throughout the course. These concepts include expressions in the real number system, creating, and reasoning with equations and inequalities, interpreting and building simple functions, expressing geometric properties and interpreting categorical and quantitative data.

This course is for students with strong mathematical ability and interests, those who wish to see a deeper and more rigorous development of the material, and those who desire to be challenged by difficult problems.

BI102XO Foundations of Information Technology Credit: 1 unit Grade Level: 9
Course Length: Year-long Prerequisite: None

This introductory course provides students with the foundation to pursue further study in information technology. Emphasis is on network systems, information support and services, programming and software development, and interactive media. Mathematics is reinforced. Work-based learning strategies appropriate for this course include entrepreneurship, mentorship, service learning, and job shadowing. Apprenticeship and cooperative education are not available for this course. Future Business Leaders of America (FBLA) competitive events, community service, and leadership activities provide the opportunity to apply essential standards and workplace readiness skills through authentic experiences.

10222XO English II Credit: 1 Grade Level: 10
Course Length: Year-Long Prerequisite: English I

The Common Core State Standards describes students who are college and career ready in reading, writing, listening and speaking as follows: students demonstrate independence in these areas; students build strong content knowledge; students respond to the varying demands of audience, task, purpose, and discipline; students comprehend as well as critique; students value evidence; students use technology and digital media strategically and capably; students come to understand other perspectives and cultures. English II introduces global perspectives focusing on literature from the Americas (Caribbean, Central, South, and North) Africa, Eastern Europe, Asia, Oceania, and the Middle East. Influential U.S. documents and a Shakespearean play will be included in the readings. Students in English II will continue to study various genres of increasing complexity, examine various texts for a variety of purposes, and write and respond to a variety of fiction and non-fiction texts. English I and English II courses will be coordinated based on the Common Core State Standards to allow for coherence and increased difficulty of reading and writing texts, reading comprehension, and use of digital media. The English II End-of-Course Test is required.

10225XO English II Honors Credit: 1 Grade Level: 10
Course Length: Year-Long Prerequisite: Prerequisite: English I or Honors English I

Honors English II is designed to challenge academically advanced students. It is fast paced, requires extensive outside reading, and offers challenging writing and speaking opportunities designed to develop the students' abilities in language arts as preparation for the PSAT, SAT, PLAN and ACT. The course introduces global perspectives focusing on literature from the Americas (Caribbean, Central, South, and North) Africa, Eastern Europe, Asia, Oceania, and the Middle East. Influential U.S. documents and a Shakespearean play will be included in the readings. Language study and grammar reviews are integrated with oral and written assignments. The English II End-of-Course Test is required.

BP102X0C Computer Programming I Credit: 1 unit Grade:10
Course Length: Semester Prerequisite: None

This course is designed to introduce the concepts of programming, application development, and writing software solutions in the Visual Studio environment. Emphasis is placed on the software development process, principles of user interface design, and the writing of a complete Visual Basic program including event-driven input, logical decision making and processing, graphics, and useful output. Mathematics is reinforced. Work-based learning strategies appropriate for this course include entrepreneurship, mentorship, school-based enterprise, service learning, and job shadowing. Apprenticeship and cooperative education are not available for this course. Future Business Leaders of America (FBLA) competitive events, community service, and leadership activities provide the opportunity to apply essential standards and workplace readiness skills through authentic experiences.

43042X0 **American History I**
Course Length: Year-Long

Credit: 1 Unit Grade:10
Prerequisite: World History

Through the study of American History: Founding Principles, Civics and Economics, students will acquire the skills and knowledge necessary to become responsible and effective citizens in an interdependent world. Students will need a practical understanding of these systems of civics and economics that affect their lives as consumers and citizens. When studying the legal and political systems, students will become aware of their rights and responsibilities and put this information into practice. Furthermore, this course serves as a foundation for United States History.

42095X0 **Honors American History I**
Course Length: Year-long

Credit: 1 Unit Grade Level: 10
Prerequisite: World History

The American History I class is designed to provide a framework for studying political, social, economic, and cultural issues, and for analyzing the impact these issues have had on American society over time. This course goes beyond memorization of isolated facts to the development of higher level thinking skills, encouraging students to make historical assessments and evaluations. The course will cover the European exploration of the new world through Reconstruction. Students will examine the historical and intellectual origins of the United States from European exploration and colonial settlement to the Revolutionary and Constitutional eras. Students will learn about the important political and economic factors that contributed to the development of colonial America and the outbreak of the American Revolution as well as the consequences of the Revolution, including the writing and key ideas of the U.S. Constitution. American History I: The Founding Principles will guide students as they study the establishment of political parties, America's westward expansion, the growth of sectional conflict, how that sectional conflict led to the Civil War, and the consequences of the Civil War, including Reconstruction.

22012X0 **Common Core Math II**
Course Length: Year-long

Credit: 1 Unit Grade Level: 10
Prerequisite: Math I

In this course students will continue to deepen their study of quadratic expressions, equations, and functions; comparing their characteristics and behavior to those of linear and exponential relationships from Common Core Math I. The concept of quadratics is generalized with the introduction of higher degree polynomials. New methods for solving quadratic and exponential equations are developed. The characteristics of advanced types of functions are investigated (including power, inverse variation, radical, absolute value, piecewise-defined, and simple trigonometric functions). The link between probability and data is explored through conditional probability and counting methods. Students explore more complex geometric situations and deepen their explanations of geometric relationships, moving towards formal mathematical arguments. Important differences exist between Math II and the historical approach taken in Geometry classes. For example, transformations are explored early in the course and provide the framework for studying geometric concepts such as similarity and congruence. The study of similarity leads to an understanding of right triangle trigonometry and connects to quadratics through Pythagorean relationships. The Standards for Mathematical Practice apply throughout each course and, together with the content standards, require that students experience mathematics as a coherent, useful, and logical subject that makes use of their ability to make sense of problem situations. This course fulfills the North Carolina high school graduation requirement for Common Core Math II. The final exam is the North Carolina Final Exam for Common Core Math II.

22015X0 Honors Common Core Math II
Course Length: Year-long

Credit: 1 Grades: 10
Prerequisite: Math I

In this course students will continue to deepen their study of quadratic expressions, equations, and functions; comparing their characteristics and behavior to those of linear and exponential relationships from Common Core Math I. The concept of quadratics is generalized with the introduction of more sophisticated polynomials. New methods for solving quadratic and exponential equations are developed. The characteristics of more advanced types of functions are investigated (including power, inverse variation, radical, absolute value, piecewise-defined, and simple trigonometric functions). The link between probability and data is explored through conditional probability and counting methods. Students explore more complex geometric situations and deepen their explanations of geometric relationships, moving towards formal mathematical arguments. Important differences exist between Math II and the historical approach taken in Geometry classes. For example, transformations are explored early in the course and provide the framework for studying geometric concepts such as similarity and congruence. The study of similarity leads to an understanding of right triangle trigonometry and connects to quadratics through Pythagorean relationships. Honors Common Core II contains additional topics that will begin students' preparation for advanced math courses. The Standards for Mathematical Practice apply throughout each course and, together with the content standards, require that students experience mathematics as a coherent, useful, and logical subject that makes use of their ability to make sense of problem situations. This course fulfills the North Carolina high school graduation requirement for Common Core Math II. The final exam is the North Carolina Final Exam for Common Core Math II.

33202X0 Biology
Course Length: Year-long

Credit: 1 Unit Grades: 10
Prerequisite: None

Biology is designed to continue student investigations of the biological sciences. High school inquiry is expanded to include more abstract concepts such as the function of DNA, biological evolution, and the interdependence of organisms. The curriculum also includes the cell, the molecular basis of heredity, biological evolution, matter, energy, and organization in living systems, and the behavior of organisms. Students are required to take the North Carolina End-of-Course Test in Biology.

33205X0 Honors Biology
Course Length: Year-long

Credit: 1 Unit Grades: 10
Prerequisite: None

Honors Biology parallels the standard course in Biology and is designed for students who plan to take future advanced level life science courses. This in-depth, fast-paced study of the life sciences will challenge motivated students. Honors Biology requires self-directed learning through the use of various forms of independent projects. Field and laboratory experiences will be an integral part of the course. Students are required to take the North Carolina End-of-Course Test in Biology.

22533Y0 Spanish II
Course Length: Year-long
Recommendation: minimum grade of C

Credit: 1 unit Grades: 10
Prerequisite: Spanish I

The skills developed in Spanish I are expanded in Spanish II with increasing emphasis on the development of speaking and writing skills. Students encounter a substantial amount of new grammatical material and new vocabulary. Therefore, a firm foundation in Spanish I grammar and vocabulary is essential. By the end of the course, students will converse, read, and write Spanish on a more sophisticated level than in Spanish I. The culture and history of Hispanic countries are also studied.

11022X0C French II Credit: 1 unit Grade Level: 9-12
Course Length: Year-Long Prerequisite: French I
Online Class using Edgenuity

Development and maintenance of aural- oral reading and writing skills are emphasized so that by the end of the second year of language study, the student is expected to be able to understand, speak, read and write words, phrases and simple sentences relating to basic survival needs and limited social needs. Study continues of the cultures and civilizations of the countries whose language is being studied.

52312X0 Vocal Music-Intermediate Credit: 1 unit Grades: 10
Course Length: Year-long Prerequisite: Vocal Music-Beginning or
Portfolio/Audition

Vocal Music-Intermediate is the second course of basic choral courses and provides advanced work in musical skills and knowledge of music. In addition to further developing the concepts learned in Vocal Music (Beginning), the learner will understand the principles of diction, and will develop phrasing. Emphasis will be placed on understanding harmony and musical terms. Public performances will be required.

52562X0 Band-Intermediate Credit: 1 Unit Grade: 10
Course Length: Year-long Prerequisite: Band-Beginning
or Portfolio/Audition

This course further develops the musical concepts, knowledge, and skills learned in beginning band or 6-8 band. Students will also perform more advanced musical literature. Students must place into this level of band by performing at an appropriate level of musical understanding and technique as determined by the band director. Public performances are required.

54162X0 Visual Arts-Intermediate Credit: 1 Unit Grade: 10
Course Length: Year-long Prerequisites Visual Arts-
Beginning or Portfolio

Visual Arts-Intermediate is designed for those students who are considering concentrating on visual arts and builds on the fundamentals learned in Visual Arts-Beginning. Art activities are tailored to individual ability. Research and art history assignments are included and relate to studio activities. A strong emphasis is placed on portfolio development.

10232XO English III Credit: 1 Grade Level:11
Course Length: Year-Long Prerequisite: English II

The Common Core State Standards describes students who are college and career ready in reading, writing, listening and speaking as follows: students demonstrate independence in these areas; students build strong content knowledge; students respond to the varying demands of audience, task, purpose, and discipline; students comprehend as well as critique; students value evidence; students use technology and digital media strategically and capably; students come to understand other perspectives and cultures. English III is an in-depth study of U. S. Literature and U. S. literary nonfiction especially foundational works and documents from the 17th century through the early 20th century. At least one Shakespearean play will be included. English III students will complete a large-scale, independently driven research project. Students will use technology on a consistent basis to examine, understand, and create a variety of texts for a variety of purposes. English III and English IV courses will be coordinated based on the Common Core State Standards to allow for coherence and increased difficulty of reading and writing texts, reading comprehension, research, and use of digital media.

10235XO Honors English III
Course Length: Year Long

Credit: 1 Grade Level: 11
Prerequisite: English II or Honors English II

Honors English III is another step in the accelerated English curriculum. This course is an in-depth study of U. S. Literature and U. S. literary nonfiction especially foundational works and documents from the 17th century through the early 20th century. At least one Shakespearean play will be included. This vigorous course demands that students be self-motivated and avid critical readers with strong writing skills. Students will prepare for the SAT and ACT by studying vocabulary and by practicing reading comprehension strategies. Students will be required to complete a research paper that meets the Graduation Project standards.

0A017X0 AP Seminar
Course Length: Year-Long

Credit: 1 Unit Grade Level: 11
Prerequisite: English II

AP Seminar is a foundational course that engages students in cross-curricular conversations that explore the complexities of academic and real-world topics and issues by analyzing divergent perspectives. Using an inquiry framework, students practice reading and analyzing articles, research studies, foundational, literary, and philosophical texts; listening to and viewing speeches, broadcasts, and personal accounts; and experiencing artistic works and performances. Students learn to synthesize information from multiple sources, develop their own perspectives in written essays, and design and deliver oral and visual presentations, both individually and as part of a team. Ultimately the course aims to equip students with the power to analyze and evaluate information with accuracy and precision in order to craft and communicate evidence-based arguments.

43052X0C American History II
Course Length: Year-Long

Credit: 1 unit Grade Level: 11
Prerequisite: American History I

The course uses five strands of the North Carolina Essential Standards for Social Studies (history, geography/environmental literacy, culture, economics/financial literacy, and civics/government) in order to prepare students to think critically and objectively about the development and history of the United States. Students are expected to learn and apply the necessary skills in formulating historical questions, in supporting interpretations with historical evidence, in identifying key issues and problems in the past, in analyzing cause and effect relationships and multiple causation, in evaluating the influence of the past on contemporary issues, in differentiating between historical facts and historical interpretations, and in analyzing key political, economic, and social turning points and their lasting impact on the United States and the World. The content of this course will range from the end of the Reconstruction Era (1877) until the present day.

43055X0C American History II – Honors
Course Length: Year-Long

Credit: 1 unit Grade Level: 11
Prerequisite: American History I

The course uses five strands of the North Carolina Essential Standards for Social Studies (history, geography/environmental literacy, culture, economics/financial literacy, and civics/government) in order to prepare students to think critically and objectively about the development and history of the United States. Students are expected to learn and apply the necessary skills in formulating historical questions, in supporting interpretations with historical evidence, in identifying key issues and problems in the past, in analyzing cause and effect relationships and multiple causation, in evaluating the influence of the past on contemporary issues, in differentiating between historical facts and historical interpretations, and in analyzing key political, economic, and social turning points and their lasting impact on the United States and the World. The content of this course will range from the end of the Reconstruction Era (1877) until the present day.

11035X0C **French III/French III Honors** **Credit: 1 unit Grade Level: 11**
Course Length: Year-Long **Prerequisite: French II**
Online Course Through Edgenuity

Practice in the four basic skills is continued, and more advanced and sophisticated use of the language is introduced so that by the end of the third year of language study, the student is expected to understand and speak the language sufficiently to carry on conversations, comprehend printed material for informative or social purposes, and write short paragraphs on familiar topics. More in-depth study of the cultures and civilizations of the countries whose language is being studied is stressed.

54175X0C **Visual Arts - Proficient** **Credit: 1 unit Grade Level: 11**
Course Length: Year-Long **Prerequisite: Visual Arts Intermediate**

This course builds on skills from Visual Arts II – Intermediate with a more in-depth approach to the study of art processes and techniques, aesthetic issues, art criticism, and art history. Teachers help students form goals, become familiar with careers, and develop work habits of professionals. Knowledge of the arts in relation to culture, history, other disciplines, and careers will be promoted through verbal, visual, and written means. Art history, criticism, and aesthetics will be studied in conjunction with selected artworks and will lead to development of a personal philosophy of art. Students will assemble a portfolio on technical quality, personal style, direction, and intended purpose.

52325X0 **Vocal Music - Proficient** **Credit: 1 unit Grade Level: 9-12**
Course Length: Year-Long **Prerequisite: Audition**

This course is intended to meet the North Carolina Department of Public Instruction requirements for Honors Vocal Music. Students will develop an in depth understanding of music theory, cultures, vocabulary and symbols. Some requirements will be met outside the classroom setting and group performances.

52575X0 **Band - Proficient** **Credit: 1 unit Grade Level: 9-12**
Course Length: Year-Long **Prerequisite: Audition**

This class is designed to develop within each student an appreciation for the standard band literature and appropriate orchestra literature. It is also designed to improve the technical facility and interpretive skills of each individual through the use of appropriate studies. Out of class preparation, performances, and after school rehearsals are required.

BP20 (6428) **SAS Programming I** **Credit: 1 unit Grade:11**
Course Length: Year-Long **Prerequisite: 1 Programming Credit**

This course is the entry point for students to learn SAS programming. Students will learn how to plan and write SAS programs to solve common data analysis problems. Instruction provides practice running and debugging programs. The emphasis is placed on reading input data, creating list and summary reports, defining new variables, executing code conditionally, reading raw data files and SAS data sets, and writing the results to SAS data sets. Mathematics is reinforced. Work-based learning strategies appropriate for this course include apprenticeship, internship, entrepreneurship, mentorship, service learning, and job shadowing. Cooperative education is not available for this course. Future Business Leaders of America (FBLA) competitive events, community service, and leadership activities provide the opportunity to apply essential standards and workplace readiness skills through authentic experiences.