**Winchester Community**

**High School**

**Applied Unit**

**Course Description Guide**

**WCHS Mission Statement**

**Winchester Community High School will set high standards and expect high achievement from everyone every day.**

**WCHS Vision Statement**

**Winchester Community High School will prepare our students to excel in an ever-changing world.**

**Winchester Community**

**High School**

**700 North Union Street**

**Winchester, IN 47394**

**Telephone: 765-584-8201**

**Karla Reed John Lash**

**Principal Assistant Principal**

**Sarah Spodek Jaelyn Winkle**

**School Counselor Student Services Coordinator**

**Sadie Wright Scott Hargrave**

**Freshmen Counselor Athletic Director**

**2021-2022 School Year**

**This guide is available online at wchs.rc.k12.in.us under the Guidance Tab**

**(edited 11/05/19)**

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**ENGLISH/LANGUAGE ARTS**

**APPLIED ENGLISH 9**

*1002*

*Applied English 9* is an integrated English course based on the Indiana Content Connectors for English/Language Arts in Grades 9-10, is a study of language, literature, composition, and communication, focusing on literature and nonfiction within an appropriate level of complexity for each individual student. Students use literary interpretation, analysis, comparisons, and evaluation to read and respond to a variety of texts. Students form responses to literature, expository (informative), narrative, and argumentative/persuasive compositions, and research tasks when appropriate. Students deliver ability appropriate presentations with attention to audience and purpose and access, analyze, and evaluate online information.

* Recommended Grade Level: 9, 10
* Applied Units: 4 units maximum
* Counts as an English/Language Arts Requirement for the Certificate of Completion

**APPLIED ENGLISH 10**

*1004*

*Applied English 10* an integrated English course based on the Indiana Content Connectors for English/Language Arts in Grades 9-10, is a study of language, literature, composition, and communication, focusing on literature and nonfiction within an appropriate level of complexity for each individual student. Students use literary interpretation, analysis, comparisons, and evaluation to read and respond to a variety of texts. Students form responses to literature, expository (informative), narrative, and argumentative/persuasive compositions, and research tasks when appropriate. Students deliver ability appropriate presentations with attention to audience and purpose and access, analyze, and evaluate online information.

* Recommended Grade Level: 9-10
* Applied Units: 4 units maximum
* Counts as an English/Language Arts Requirement for the Certificate of Completion

**APPLIED ENGLISH 11**

*1006*

Applied *English 11*, an integrated English course based on the Indiana Content Connectors English/Language Arts in Grades 9-10 and applicable employability skills. This course is a study of language, literature, composition, and communication focusing on literature with an appropriate level of complexity for each individual student. Students analyze, compare and evaluate a variety of classic and contemporary literature and nonfiction texts, including those of historical or cultural significance. Students write narratives, responses to literature, academic responses (e.g. analytical, persuasive, expository, summary), and research tasks when appropriate. Students analyze and create visual information in the form of pictures, graphs, charts and tables. Students write and deliver grade-appropriate multimedia presentations and access online information.

* Recommended Grade Level: 11, 12
* Applied Units: 4 units maximum
* Counts as an English/Language Arts Requirement for the Certificate of Completion

**APPLIED ENGLISH 12**

*1008*

*Applied English 12,* an integrated English course based on the Indiana Content Connectors English/Language Arts in Grades 9-10 and applicable employability skills. This course is a study of language, literature, composition, and communication focusing on literature with an appropriate level of complexity for each individual student. Students analyze, compare and evaluate a variety of classic and contemporary literature and nonfiction texts, including those of historical or cultural significance. Students write narratives, responses to literature, academic responses (e.g. analytical, persuasive, expository, summary), and research tasks when appropriate. Students analyze and create visual information in the form of pictures, graphs, charts and tables. Students write and deliver grade-appropriate multimedia presentations and access online information.

* Recommended Grade Level: 11, 12
* Applied Units: 4 units maximum
* Counts as an English/Language Arts Requirement for the Certificate of Completion

**SOCIAL STUDIES**

**APPLIED CURRENT PROBLEMS, ISSUES AND EVENTS**

*1512*

*Applied Current Problems, Issues, and Events* gives students the opportunity to apply investigative and inquiry techniques to the study of problems or issues existing in the class, school, community, state, country or world. Students develop competence in (1) recognizing cause and effect relationships, (2) recognizing fallacies in reasoning and propaganda devices, (3) synthesizing knowledge into useful patterns, (4) stating and testing hypotheses, and (5) generalizing based on evidence. Problems or issues selected will have significance to the student and will be studied from the viewpoint of the social science disciplines. Community service programs and internships within the community may be included.

* Recommended Grade Level: none
* Applied Units: 2 units maximum
* Counts as an Elective, Employability or Social Studies Requirement for the Certificate of Completion

**APPLIED ECONOMICS**

*1514*

*Applied Economics* examines the allocation of resources and their uses for satisfying human needs and wants. The course identifies economic behaviors of consumers, producers, savers, investors, workers, voters, institutions, governments, and societies in making decisions. Students explain that because resources are limited, people must make choices and understand the role that supply, demand, prices, and profits play in a market economy. Key elements of the course include the study of scarcity and economic reasoning; supply and demand; market structures; the role of government; national economic performance; the role of financial institutions; economic stabilization; and trade. Students may be offered opportunities to better understand and apply course content through a variety of instructional strategies including project- and community-based instruction and real-world experiences.

* Recommended Grade Level: none
* Applied Units: 2 units maximum
* Counts as a Social Studies Requirement or Elective for the Certificate of Completion

**APPLIED INDIANA STUDIES**

*1518*

*Applied Indiana Studies* is an integrated course that compares and contrasts state and national developments in the areas of politics, economics, history, and culture. The course uses Indiana history as a basis for understanding current policies, practices, and state legislative procedures. IT also includes the study of state and national constitutions from a historical perspective as a current foundation of governnmen.t Examination of individual leaders and their roles in aa democratic society will be included, and students will examine the participation of citizens in the political process. Selections from Indiana arts and literature may also be analyzed for insights into historical events and cultural expressions.

* Recommended Grade Level: none
* Applied Units: 2 units maximum
* Counts as a Social Studies Requirement or Elective for the Certificate of Completion

**APPLIED CONSUMER ECONOMICS**

*5334*

*Applied Consumer Economics* enables students to apply economic principles to their individual, family, workplace, and community lives. A project-based approach that utilizes higher order thinking, communication, leadership, self-determination and management processes is recommended to strengthen the understanding and application of consumer economics issues. The course focuses on interrelationships among economic principles and individual and family roles of exchanger, consumer, producer, saver, investor, and citizen. Economic principles to be studied include scarcity, supply and demand, market structure, the role of government, money and the role of financial institutions, labor productivity, economic stabilization, and trade.

* Recommended Grade Level: 9, 10, 11, 12
* Applied Units: 1 unit maximum
* Counts as an Employability or Social Studies requirement for the Certificate of Completion

**MATHEMATICS**

**APPLIED ALGEBRA I**

*2520*

*Applied Algebra I* formalizes and extends the mathematics students learned in the middle grades. Algebra I is made up of 4 strands: Numbers Sense; Expressions and Computation; Linear Equations, Inequalities, and Functions; Systems of Equations and Inequalities; and Quadratic and Exponential Equations and Functions. The strands are further developed by focusing on the content of the Algebra content connectors.

* Recommended Grade Level: 9, 10, 11, 12
* Applied Units: 4 units maximum
* Fulfills a Math Requirement for the Certificate of Completion

**APPLIED GEOMETRY**

*2532*

*Applied Geometry* formalizes and extends students’ geometric experiences from the middle grades. These critical areas comprise the Geometry course: Points, Lines, Angles, and Planes; Triangles; Quadrilaterals and Other Polygons; Circles; Transformations; and Three- dimensional Solids. The eight Process Standards for Mathematics apply throughout the course. Together with the content standards, the Process Standards prescribe that students experience mathematics as a coherent, useful, and logical subject that makes use of their ability to make sense of problem situations.

* Recommended Grade Level: 9, 10, 11, 12
* Applied Units: 4 units maximum
* Fulfills a Math Requirement for the Certificate of Completion

**APPLIED BUSINESS MATH**

*4512*

*Applied Business Math* is a course designed to prepare students for roles as entrepreneurs, producers, and business leaders by developing abilities and skills that are part of any business environment. A solid understanding of application of money management skills, navigating industry specific technology and apps, establishing and managing budgets, and maintaining inventory for products and other necessary skills that provides the foundation for students interested in careers in business related fields and everyday life. The content includes basic mathematical operations related to accounting, banking and finance, marketing, management, and retail. Instructional strategies should include simulations, guest speakers, tours, Internet research, and business experiences.

* Recommended Grade Level: 10, 11, 12
* Applied Units: 4 units maximum
* Counts as an Elective for the Certificate of Completion
* Fulfills a Mathematics requirement for the Certificate of Completion
* Qualifies as a quantitative reasoning course

**SCIENCE**

**APPLIED LIFE SCIENCE**

*3030*

*Applied Life Science* is an introduction to biology course. Students develop problem-solving skills and strategies while performing laboratory and field investigations of fundamental biological concepts and principles. Students explore the functions and processes of cells within all living organisms, general concepts of genetics, and the relationships of living organisms to each other and to the environment as a whole.

* Recommended Grade Level: 9, 10, 11, 12
* Applied Units: 2 units maximum
* Counts as an Elective or Science Requirement for the Certificate of Completion

**APPLIED PHYSICAL SCIENCE**

*3102*

*Applied Physical Science* is a course in which students develop problem solving skills and strategies while performing laboratory and field investigations of fundamental chemical, physical, and related Earth and space science concepts and principles that are related to students’ interests and that address everyday problems.

* Recommended Grade Level: 9, 10, 11, 12
* Applied Units: 2 units maximum
* Counts as an Elective or Science Requirement for the Certificate of Completion

**PHYSICAL EDUCATION AND HEALTH**

**APPLIED PHYSICAL EDUCATION I**

*3542*

*Applied Physical Education I* focuses on instructional strategies through a planned, sequential, and comprehensive physical education curriculum that provides students with opportunities to actively participate in at least four of the following: team sports; dual sport activities; individual physical activities; outdoor pursuits; self-defense and martial arts; aquatics; gymnastics; and dance, all which are within the framework of lifetime physical activities and fitness. Ongoing assessment includes individual progress and performance-based skill evaluation.

* Recommended Grade Level; 9, 10, 11, 12
* Applied Units: 2 units maximum
* Counts as a Physical Education requirement for the Certificate of Completion

**APPLIED PHYSICAL EDUCATION II**

*3544*

Applied Physical Education II focuses on instructional strategies through a planned, sequential, and comprehensive physical education curriculum that provides students with opportunities to actively participate in four of the following areas that were not covered in Physical Education I: team sports; dual sport activities; individual physical activities; outdoor pursuits; self-defense and martial arts; aquatics; gymnastics; and dance, all which are within the framework of lifetime physical activities and fitness. Ongoing assessment includes individual progress and performance-based skill evaluation.

* Recommended Grade Level; 9, 10, 11, 12
* Applied Units: 2 units maximum
* Counts as a Physical Education requirement for the Certificate of Completion

**APPLIED ELECTIVE PHYSICAL EDUCATION**

*3560*

*Applied Elective Physical Education*, a course based on selected standards from Indiana’s Academic Standards for Physical Education, identifies what a student should know and be able to do as a result of a quality physical education program. The goal of a physically educated student is to maintain appropriate levels of cardio- respiratory endurance, muscular strength and endurance, flexibility, and body composition necessary for a healthy and productive life. Elective Physical Education promotes lifetime sport and recreational activities and provides an opportunity for an in-depth study in one or more specific areas. This course includes the study of physical development concepts and principles of sport and exercise as well as opportunities to develop or refine skills and attitudes that promote lifelong fitness. With staff support, students have the opportunity to design and develop an appropriate personal fitness program that enables them to achieve a desired level of fitness and includes self-monitoring. Ongoing assessment may include individual progress and/or performance-based skill evaluation.

* Recommended Grade Level: 9, 10, 11, 12
* Applied Units: 8 units maximum
* Counts as an elective for Physical Education for the Certificate of Completion

**Applied Health and Wellness Education**

3506

*Applied Health & Wellness*, a course based on Indiana’s Academic Standards for Health & Wellness and provides the basis to help students adopt and maintain healthy behaviors. Health education should contribute directly to a student’s ability to successfully practice behaviors that protect and promote health and avoid or reduce health risks. Through a variety of instructional strategies, students practice the development of functional health information (essential concepts); determine personal values that support health behaviors; develop group norms that value a healthy lifestyle; develop the essential skills necessary to adopt, practice, and maintain health-enhancing behaviors. This course includes the application of priority areas in a planned, sequential, comprehensive health education curriculum. Priority areas include: promoting personal health and wellness, physical activity, and healthy eating; promoting safety and preventing unintentional injury and violence; promoting mental and emotional health, a tobacco- free lifestyle and an alcohol- and other drug-free lifestyle; and promoting human development and family health. This course provides students with the knowledge and skills of health and wellness core concepts, analyzing influences, accessing information, interpersonal communication, decision-making and goal-seting skills, health-enhancing behaviors, and health and wellness advocacy skills.

* Recommended Grade: 9, 10, 11, 12
* Applied Units: 2 units maximum
* Counts as an elective or Health & Wellness requirements for the Certificate of Completion

**EMPLOYABILITY**

***APPLIED COMMUNITY SERVICE***

*0524*

*Applied Community Service* is a course created by public law IC 20-30-14. Community services allows students in grades nine through twelve (HEA 1629) opportunity to earn up to two high school credits for completion of approved community service projects or volunteer service that “relates to a course in which the student is enrolled or intends to enroll.”

* Recommended Grade Level: 11, 12
* Applied Units: 2 units maximum
* Counts as an Employability Requirement, Capstone Course, or Elective for the Certificate of Completion

**APPLIED CAREER EXPLORATION INTERNSHIP**

*0530*

The *Applied Career Exploration Internship* course is a paid or unpaid work experience in the public or private sector that provides for workplace learning in an area of student career interest. Unlike a cooperative education program in which students gain expertise in a specific occupation, the career exploration internship is intended to expose students to broad aspects of a particular industry or career cluster area by rotating through a variety of work sites or departments. In addition to their workplace learning activities, students participate in 1) regularly scheduled meetings with their classroom teacher, or 2) a regularly scheduled seminar with the teacher for the purpose of helping students make the connection between academic learning and their work-related experiences. Specific instructional standards tied to the career cluster or pathway and learning objectives for the internship must be written to clarify the expectations of all parties – the student, parent, employer, and instructor.

* Recommended Grade Level: 11, 12
* Applied Units: 4 units maximum
* Counts as an Employability Requirement, Capstone Course, or Elective for the Certificate of Completion

**APPLIED CURRENT PROBLEMS, ISSUES AND EVENTS**

*1512*

*Applied Current Problems, Issues, and Events* gives students the opportunity to apply investigative and inquiry techniques to the study of problems or issues existing in the class, school, community, state, country or world. Students develop competence in (1) recognizing cause and effect relationships, (2) recognizing fallacies in reasoning and propaganda devices, (3) synthesizing knowledge into useful patterns, (4) stating and testing hypotheses, and (5) generalizing based on evidence. Problems or issues selected will have significance to the student and will be studied from the viewpoint of the social science disciplines. Community service programs and internships within the community may be included.

* Recommended Grade Level: none
* Applied Units: 2 units maximum
* Counts as an Elective, Employability, or Social Studies Requirement for the Certificate of Completion

**APPLIED DIGITAL APPLICATIONS AND RESPONSIBILITIES**

4528

Applied Digital Applications and Responsibility prepares students to use technology in an effective and appropriate manner in school, in a job, or everyday life. Students develop skills related to word processing, spreadsheets, presentations, and communications software and may use highly specialized or individualized technology or software. Students learn what it means to be a good digital citizen and how to use technology, including social media, responsibly. Students expand their knowledge of how to use digital devices and software to build decision-making and problem-solving skills. Students may be provided with the opportunity to seek industry-recognized digital literacy certifications.

* Recommended Grade: 11, 12
* Applied Units: 4 units maximum
* Counts as an elective or Employability requirement for the Certificate of Completion

**APPLIED PERSONAL FINANCIAL RESPONSIBILITY**

*4540*

*Applied Personal Financial Responsibility* addresses the identification and management of personal financial resources to meet the financial needs and wants of individuals and families, considering a broad range of economic, social, cultural, technological, environmental, and maintenance factors. This course helps students build and apply skills in financial literacy and responsible decision-making. Content includes analyzing personal standards, needs, wants, and goals; identifying sources of income, and navigating technology for money management. A project-based approach and applications through authentic settings such as work based observations, service-learning experiences and community-based instruction are appropriate. Direct, concrete applications of basic mathematics proficiencies in projects are encouraged.

* Recommended Grade Level: 9, 10, 11, 12
* Applied Units: 2 units maximum
* Counts as an Elective for the Certificate of Completion
* Qualifies as an Applied Math course for the Certificate of Completion

**APPLIED ADULT ROLES AND RESPONSIBILITIES**

*5330*

*Applied Adult Roles and Responsibilities* is recommended for all students as life foundations and academic enrichment for students with interest in family and community services, personal and family finance, and similar areas. This course builds knowledge, skills, attitudes, and behaviors that students will need as they complete high school and prepare to take the next steps toward adulthood in today’s society. The course includes the study of interpersonal standards, lifespan roles and responsibilities, individual and family resource management, and financial responsibility and resources. A project or community-based approach that utilizes problem solving skills, communication, leadership, self-determination skills, management processes, and fundamentals to college, career and community membership success. Service learning and other authentic applications are strongly recommended.

* Recommended Grade Level: 9, 10, 11, 12
* Applied Units: 2 units maximum
* Counts as an Elective or Employability Requirement for the Certificate of Completion

**APPLIED CONSUMER ECONOMICS**

*5334*

*Applied Consumer Economics* enables students to apply economic principles to their individual, family, workplace, and community lives. A project-based approach that utilizes higher order thinking, communication, leadership, self-determination and management processes is recommended to strengthen the understanding and application of consumer economics issues. The course focuses on interrelationships among economic principles and individual and family roles of exchanger, consumer, producer, saver, investor, and citizen. Economic principles to be studied include scarcity, supply and demand, market structure, the role of government, money and the role of financial institutions, labor productivity, economic stabilization, and trade.

* Recommended Grade Level: 9, 10, 11, 12
* Applied Units: 1 unit maximum
* Counts as an Employability or Social Studies requirement for the Certificate of Completion

**APPLIED NUTRITION AND WELLNESS**

*5342*

*Applied Nutrition and Wellness* is an introductory course valuable for all students as a life foundation and academic enrichment. This is a nutrition class that introduces students to only the basics of food preparation so they can become self- sufficient in accessing healthy and nutritious foods. Major course topics include nutrition principles and applications; influences on nutrition and wellness; food preparation, safety, and sanitation; and science, technology, and careers in nutrition and wellness. A project-based approach that utilizes higher order thinking, communication, leadership, self-determination, and management processes, and fundamentals to college and career success is recommended in order to integrate these topics into the study of nutrition, food, and wellness. Food preparation experiences are a required component. Direct, concrete mathematics and language arts proficiencies will be applied.

* Recommended Grade Level: 9, 10, 11, 12
* Applied Units: 2 units maximum
* Counts as an Employability Requirement or Elective for the Certificate of Completion

**APPLIED INTERPERSONAL RELATIONSHIPS**

*5364*

*Applied Interpersonal Relationships* is an introductory course that is relevant for students interested in careers that involve interacting with people and for everyday life relationships. This course addresses knowledge and skills needed for positive and productive relationships in career, community, and family settings. Major course topics include communication skills; leadership, self-determination, teamwork, and collaboration; conflict prevention, resolution, and management; building and maintaining relationships; and individual needs and characteristics and their impacts on relationships. A project or community-based approach is recommended in order to apply these topics of interpersonal relationships. This course provides a foundation for all careers and everyday life relationships that involve interacting with people both inside and outside of a business/organization, including team members, clients, patients, customers, the general public, family and friends.

* Recommended Grade Level: 9, 10, 11, 12
* Applied Units: 2 units maximum
* Counts as an Employability Requirement or Elective for the Certificate of Completion

**APPLIED PREPARING FOR COLLEGE AND CAREERS**

*5394*

*Applied Preparing for College and Careers* addresses the knowledge, skills, and behaviors all students need to be prepared for success in college, career, and life. The focus of the course is the impact of today’s choices on tomorrow’s possibilities. Topics to be addressed include twenty-first century life and career skills; higher order thinking, communication, leadership, and management processes; exploration of personal aptitudes, interests, values, and goals; examining multiple life roles and responsibilities as individuals and family members; planning and building employability skills; transferring school skills to life and work; and managing personal resources. This course includes reviewing the 16 national career clusters and Indiana's College and Career Pathways, in- depth investigation of one or more pathways, reviewing graduation plans, developing career plans, and developing personal and career portfolios. A project-based approach, including computer and technology applications, cooperative ventures between school and community, simulations, and real-life experiences, is recommended.

* Recommended Grade Level: 9,10,11,12
* Applied Units: 2 units maximum
* Counts as an Elective or Employability requirement for the Certificate of Completion

**Winchester Community High School**

**Certificate of Completion**

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| **INDIANA HIGH SCHOOL CERTIFICATE OF COMPLETION**  |
| **WCHS COURSE WORKSHEET** |
| **Course and Credit Requirements** |
| **The Course of Study for the Certificate of Completion is a framework aligning curriculum to grade level standards while meeting the individual goals and transition needs stated in the student’s Individual Education Plan (IEP).** |
| **English/LanguageArts** | **8 credits/applied units** |
| Credits must include literature, composition and speech |
| **Mathematics** | **4 credits/applied units** |
| Balance of number sense, expressions, computation, data analysis, stats, probability, equations and inequalities and personal finance. To be taken every year. |
| **Science** | **4 credits/applied units** |
| Balance of physical, earth/nature, life, engineering, and technology |
| **Social Studies** | **4 credits/applied units** |
| Balance of history, civics and government, geography, economics |
| **PhysEd./Health** | **3 credits/applied units** |
| **Electives (7 credits/applied units)****Employability (10 credits/applied units)** | **17 credits/applied units** Job exploration, work- or project-based learning experiences, employability skills, portfolio creation, intro to post-secondary options |
| 40 Total State Credits Required Grade Requirements: D- or higher to earn a credit per semester |