

# Toledo Jr/Sr High School

Course Descriptions 2020-21



# ENGLISH

## **English 7** (1.0 credit)

Language Arts (grade 7) courses build upon students' prior knowledge of grammar, vocabulary, word usage, and the mechanics of writing, and include the four aspects of language use: reading, writing, speaking, and listening. Beyond emphasizing different uses for language, these courses may also include using language (particularly written text) to construct meaning and connections. Specific content depends upon state standards for grade 7.

## **English 8** (1.0 credit)

Language Arts (grade 8) courses build upon students' prior knowledge of grammar, vocabulary, word usage, and the mechanics of writing, and include the four aspects of language use: reading, writing, speaking, and listening. Typically, these courses use various genres of literature to improve reading skills, and they link writing exercises for different purposes to those reading selections. Specific content depends upon state standards for grade 8.

## **English 9** (1.0 credit)

English 9 courses build upon students' prior knowledge of grammar, vocabulary, word usage, and the mechanics of writing and usually include the four aspects of language use: reading, writing, speaking, and listening. Typically, these courses introduce and define various genres of literature, with writing exercises often linked to reading selections.

## **English 10** (1.0 credit)

English/Language Arts II (10th grade) courses usually offer a balanced focus on composition and literature. Typically, students learn about the alternate aims and audiences of written compositions by writing persuasive, critical, and creative multi-paragraph essays and compositions. Through the study of various genres of literature, students can improve their reading rate and comprehension and develop the skills to determine the author's intent and theme and to recognize the techniques used by the author to deliver his or her message.

## **English 11** (1.0 credit)

English 11 courses continue to develop students' writing skills, emphasizing clear, logical writing patterns, word choice, and usage, as students write essays and begin to learn the techniques of writing research papers. Students continue to read works of literature, which often form the backbone of the writing assignments. Literary conventions and stylistic devices may receive greater emphasis than in previous courses.

## **English 12** (1.0 credit)

English 12 courses blend composition and literature into a cohesive whole as students write critical and comparative analyses of selected literature, continuing to develop their language arts skills. Typically, students primarily write multi-paragraph essays, but they may also write one or more major research papers.

**Honors English 9** (1.0 credit)

\*\*Teacher recommendation required, required course if pursuing an Honors Diploma. This course builds upon students' prior knowledge of grammar, vocabulary, word usage, and the mechanics of writing and usually include the four aspects of language use: reading, writing, speaking, and listening. Typically, these courses introduce and define various genres of literature, with writing exercises often linked to reading selections.

**Honors English 10** (1.0 credit)

\*\*Teacher recommendation required, required course if pursuing an Honors Diploma. This course usually offers a balanced focus on composition and literature. Typically, students learn about the alternate aims and audiences of written compositions by writing persuasive, critical, and creative multi-paragraph essays and compositions. Through the study of various genres of literature, students can improve their reading rate and comprehension and develop the skills to determine the author's intent and theme and to recognize the techniques used by the author to deliver his or her message.

**Writing 121** (.50 credit)

\*\*Teacher recommendation required, Junior/Senior standing required. Writing 121 is a dual credit course offered through OCCC at Toledo High School. This course focuses on academic writing as a means of inquiry. Uses critical reading, discussion and the writing process to explore ideas, develop cultural awareness and formulate positions. Emphasizes development of a variety of strategies to present evidence in support of a thesis.

**Writing 122** (.50 credit)

\*\*Teacher recommendation required, Junior/Senior standing required. Writing 122 is a dual credit course offered through OCCC at Toledo High School. This course continues the focus of WR 121 on academic writing as a means of inquiry with added emphasis on persuasion and argument supported by external research. Uses critical reading, discussion and the writing process to explore ideas, develop cultural awareness and formulate original positions. Emphasizes development of writing and critical thinking through logical reasoning, rhetorical control, independent research and information literacy.

## MATHEMATICS

**7th Math** (1.0 credit)

Mathematics (grade 7) courses typically emphasize proficiency in skills involving numbers and operations; measurement; patterns; functions; algebraic formulas;

geometry; and concepts of data analysis, including statistics and probability. Specific content depends upon state standards for grade 7

**8th Math** (1.0 credit)

Mathematics (grade 8) courses typically emphasize proficiency in skills involving numbers and operations, measurement, patterns, simple functions, algebra, geometry, statistics, and probability. Specific content depends upon state standards for grade 8.

**Integrated Math 1** (1.0 credit)

Integrated Mathematics I courses emphasize proficiency in skills involving numbers and operations, algebra, geometry, statistics, and probability. These courses are offered as the first course in a 3- or 4-year sequence of college-preparatory mathematics courses that replace traditional Algebra 1, Geometry, and Algebra 2 courses.

**Integrated Math 2** (1.0 credit)

Integrated Mathematics II courses emphasize proficiency in skills involving numbers and operations, algebra, geometry, statistics, and probability. These courses are offered as the second course in a 3- or 4-year sequence of college-preparatory mathematics courses that replace traditional Algebra 1, Geometry, and Algebra 2 courses.

**Integrated Math 3** (1.0 credit)

Integrated Mathematics III courses emphasize proficiency in skills involving numbers and operations, algebra, geometry, statistics, and probability. These courses are offered as the third course in a 3- or 4-year sequence of college-preparatory mathematics courses that replace traditional Algebra 1, Geometry, and Algebra 2 courses.

**Math 111 (College Algebra)** (.50 credit)

\*\*Teacher recommendation required, Junior/Senior standing required.

Math 111 is a dual credit course offered through OCCC at Toledo High School. This course reviews and extends algebraic concepts for students who have already taken Algebra II. Course topics include (but are not limited to) operations with rational and irrational expressions, factoring of rational expressions, linear equations and inequalities, quadratic equations, solving systems of linear and quadratic equations, properties of higher-degree equations, and operations with rational and irrational exponents. The courses may introduce topics in discrete mathematics, elementary probability and statistics; matrices and determinants; and sequences and series

**Personal Finance** (.50 credit)

Consumer Economics/Personal Finance courses provide students with an understanding of the concepts and principles involved in managing one's personal finances. These courses emphasize lifespan goal-setting, individual and family decision making, and consumer rights as well as topics that are commonly associated with personal finance so that one can become a financially responsible consumer. Topics may include savings and investing, credit, insurance,

taxes and social security, spending patterns and budget planning, contracts, and consumer protection. These courses may also investigate the effects of the global economy on consumers and the family.

## SCIENCE

### **7th Science** (1.0 credit)

Science (grade 7) courses build on previous years of scientific inquiry and typically include subject matter from several strands of science, including earth sciences, physical sciences, and life or environmental sciences, and may organize material around thematic units. Specific content depends upon state standards for grade 7.

### **8th Science** (1.0 credit)

Science (grade 8) courses typically include subject matter from several strands of science, including earth sciences, physical sciences, and life or environmental sciences, and may organize material around thematic units. Specific content depends upon state standards for grade 8.

### **Integrated Science** (1.0 credit)

The specific content of Integrated Science courses varies, but they draw upon the principles of several scientific specialties—earth science, physical science, biology, chemistry, and physics—and organize the material around thematic units. Common themes covered include systems, models, energy, patterns, change, and constancy. These courses use appropriate aspects from each specialty to investigate applications of the theme.

### **Biology** (1.0 credit)

Biology courses are designed to provide information regarding the fundamental concepts of life and life processes. These courses include (but are not restricted to) such topics as cell structure and function, general plant and animal physiology, genetics, and taxonomy.

### **Chemistry** (1.0 credit)

Chemistry courses involve studying the composition, properties, and reactions of substances. These courses typically explore such concepts as the behaviors of solids, liquids, and gases; acid/base and oxidation/reduction reactions; and atomic structure. Chemical formulas and equations and nuclear reactions are also studied.

### **Anatomy and Physiology** (1.0 credit)

\*\*Biology prerequisite required.

Anatomy and Physiology courses present the human body and biological systems in more detail. In order to understand the structure of the human body and its functions, students learn anatomical terminology, study cells and tissues, explore functional systems (skeletal, muscular, circulatory, respiratory, digestive, reproductive, nervous, and so on), and may dissect mammals.

# PHYSICAL EDUCATION

## **Physical Education** (.50 credit)

Physical Education courses provide students with knowledge, experience, and an opportunity to develop skills in more than one of the following sports or activities: team sports, individual/dual sports, recreational sports, and fitness/conditioning activities.

## **Weight Training** (.50 credit)

Weight Training courses help students develop knowledge and skills with free weights and universal stations while emphasizing safety and proper body positioning; they may include other components such as anatomy and conditioning.

# HEALTH

## **Health 1/2** (.50 credit each)

Topics covered within Health Education courses may vary widely, but typically include personal health (nutrition, mental health and stress management, drug/alcohol abuse prevention, disease prevention, and first aid) and consumer health issues. The courses may also include brief studies of environmental health, personal development, and/or community resources.

# SOCIAL STUDIES

## **7th Social Studies** (1.0 credit)

Social Studies (grade 7) courses provide continued development of understanding and skills in the social studies disciplines: history, geography, civics and government, and economics. Specific content depends upon state standards for grade 7.

## **8th Social Studies** (1.0 credit)

Social Studies (grade 8) courses provide continued development of understanding and skills in the social studies disciplines: history, geography, civics and government, and economics. Typically, these courses focus on single disciplines at a time (e.g., statespecific history and government, U.S. history, world history, or civics) to develop discipline-related skills. Specific content depends upon state standards for grade 8.

## **Global Geography** (.50 credit)

World Geography courses provide students with an overview of world geography, but may vary widely in the topics they cover. Topics typically include the physical environment; the political landscape; the relationship between people and the land; economic production and development; and the movement of people, goods, and ideas.

**20th Century Global Studies (.50 credit)**

Contemporary World Issues courses enable students to study political, economic, and social issues facing the world. These courses may focus on current issues, examine selected issues throughout the 20th century, and look at historical causes or possible solutions.

**US History (1.0 credit)**

This course provides students with an overview of the history of the United States, examining time periods from discovery or colonialism through World War II or after. These courses typically include a historical overview of political, military, scientific, and social developments. Course content may include a history of the North American peoples before European settlement.

**Economics (.50 credit)**

This course provides students with an overview of economics with primary emphasis on the principles of microeconomics and the U.S. economic system. These courses may also cover topics such as principles of macroeconomics, international economics, and comparative economics. Economic principles may be presented in formal theoretical contexts, applied contexts, or both.

**Government (.50 credit)**

This course provides an overview of the structure and functions of the U.S. government and political institutions and examines constitutional principles, the concepts of rights and responsibilities, the role of political parties and interest groups, and the importance of civic participation in the democratic process. These courses may examine the structure and function of state and local governments and may cover certain economic and legal topics.

## WORLD LANGUAGE

**Spanish 1 (1.0 credit)**

\*\*Required course if pursuing an Honors Diploma.

Designed to introduce students to Spanish language and culture, Spanish I courses prepare students to communicate authentically in Spanish by interpreting (reading, listening, viewing), exchanging (speaking and listening; reading and writing), and presenting (speaking, writing) information on a variety of topics. They introduce the relationships among the products, practices, and perspectives of Spanish-speaking cultures.

**Spanish 2 (1.0 credit)**

\*\*Spanish 1 required, required course if pursuing an Honors Diploma.

Spanish II courses build upon skills developed in Spanish I, preparing students to communicate authentically in Spanish by interpreting (reading, listening, viewing), exchanging (speaking and listening; reading and writing), and presenting (speaking, writing) information on concrete topics. Spanish II courses introduce the relationships among the products, practices, and perspectives of Spanish-speaking cultures.

# FINE ART & CAREER TECHNICAL

## **Cultural Foods** (.50 credit)

Food culture is the connection, beliefs, and experience we have with food and our food system. In this course, students will be able to explore relationships between food and culture. These courses examine specific topics related to Restaurant, Food, and Beverage Services, such as catering, rather than provide a general study of the industry or of specific topics already described.

## **Drama** (1.0 credit)

Theater—Acting/Performance courses provide students with experience and skill development in one or more aspects of theatrical production, by allowing them to concentrate on acting and performance skills. Introductory courses explore fundamentals, while advanced courses extend and refine technique, expand students' exposure to different types of theatrical craft and traditions, and increase their participation in public productions.

## **Band** (1.0 credit)

This class serves to expose students to relevant instrumental music in a variety of styles, genres, and historical periods. Students will be provided tools in the areas of vocabulary, music theory, sight-reading, conducting, and instrumental technique to make them successful in their activities now and as participants in a life-long pursuit of enjoyment in the art form.

## **Choir** (1.0 credit)

This class is designed for students to apply musical skills as they continue to create and experience music as an ensemble. Students will continue developing mastery of solfege, major and minor scales, and 4-part harmonies. Students will continue to develop an understanding and appreciation of the differences in music from other cultures and the connections music brings to people, places and time. The topics in this class will provide a strong basis for the continuation of their music skills in the path to becoming life-long participants of music.

## **Music Exploration** (1.0 credit)

This course serves to increase students' musical aptitude in a non-performance setting. Students will gain the tools to actively listen to, discuss, and critique various styles of music through the understanding of music literacy, history, and cultural importance. Students will interact with classical and popular music.

## **Annual** (1.0 credit)

Publication Production courses provide students with the knowledge and skills necessary to produce the school newspaper, yearbook, literary magazine, or other printed publication. Students may gain experience in several components (writing, editing, layout, production, and so on) or may focus on a single aspect while producing the publication.

**Digital Photography (.50 credit)**

Photography courses provide students with an understanding of photographic media, techniques, and processes. These courses focus on development of photographic compositions through manipulation of the elements of art and principles of design. Photography courses may also include the history of photography, historic movements, image manipulation, critical analysis, and some creative special effects.

**Video Production (.50 credit)**

Cinematography/Video Production courses emphasize the application of the elements of art and principles of design relative to the history and development of cinema, television, and video production. Students experience a variety of media, techniques, and processes as they study production values and various styles of cinematography. Students engage in critiques of their cinematic or video productions, those of other students, and productions of professional cinematographers or video artists.

**AutoCAD 1A (.50 credit)**

Drafting—Technical/Mechanical courses introduce students to and help them refine the technical craft of drawing illustrations to represent and/or analyze design specifications, using examples drawn from industrial applications. These courses are intended to help students develop general drafting skills, but place a particular emphasis on sectioning, auxiliary views, revolutions, and surface development. In these courses, students typically learn basic machining and fabrication processes as they draw schematic diagrams featuring cams, gears, linkages, levers, pulleys, and so on.

**AutoCAD 1B (.50 credit)**

Frequently offered as an intermediary step to more advanced drafting courses (or as a concurrent course), CAD Design and Software courses introduce students to the computer-aided drafting systems available in the industry.

**Welding A/B (.50 credit)**

Welding courses enable students to gain knowledge of the physical and chemical properties, uses, and applications of various metals. Students gain skills in various processes used to join and cut metals (such as oxyacetylene, shielded metal, metal inert gas, and tungsten arc processes) and experience in identifying, selecting, and rating appropriate techniques. Students read and interpret blueprints in order to identify, select, and rate appropriate techniques. These courses may prepare students to pass relevant industry certifications.

**Woodshop A/B (.50 credit)**

Woodworking courses introduce students to the various kinds of woods used in industry and offer experience in using selected woodworking tools. Students design and construct one or more projects and may prepare a bill of materials. Correct and safe use of tools and equipment is emphasized. As students advance, they focus on learning the terminology necessary to use power tools successfully, developing skills to safely use these tools in the workshop and

becoming familiar with various kinds of wood-finishing materials. Advanced students typically design a project, prepare bills of materials, construct, and finish proposed projects.

**Psychology (.50 credit)**

Psychology courses introduce students to the study of individual human behavior. Course content typically includes (but is not limited to) an overview of the field of psychology, topics in human growth and development, personality and behavior, and abnormal psychology.

## ELECTIVES

**MS Art (.50 credit)**

Art courses provide to students activities that foster creative expression, communication through artistic endeavor, and appreciation of culture and heritage. Activities may include those that enable students to refine their technique, increase their artistic vocabulary, express themselves and their world view, make connections to other content areas, develop their own aesthetic, and strengthen their critical abilities.

**MS Creative Writing (.50 credit)**

Students will be working on a variety of small writing projects through creative exercises in a variety of genres. We will try to touch upon different kinds of fiction writing and methods, different forms of poetry, and also creative non-fiction.

**MS Robotics and Engineering (1.0 credit)**

Robotics courses help students develop and expand their skills and knowledge of robotics and related scientific and engineering topics. Course topics may include principles of mechanics, electronics, hydraulics, pneumatics, programmable logic controllers. These courses may emphasize the use of engineering principles to design and build robots, construct and connect sensors, and program robots in the programming language.

**Leadership (1.0 credit)**

Leadership courses are designed to strengthen students' personal and group leadership skills. Typically intended for students involved in extracurricular activities (especially as officers of organizations or student governing bodies), these courses may cover such topics as public speaking, effective communication, human relations, parliamentary law and procedures, organization and management, and group dynamics.

**Oregon Outdoors (.50 credit)**

This course provides students with knowledge, experience, and an opportunity to develop skills in more than one recreational sport or outdoor pursuit.

**Certified Emergency Response Team (.50 credit)**

Community Protection courses provide students with information regarding the personnel and agencies concerned with protection of the home, city, state, and nation. Topics covered typically include civil defense; homeland security; disaster, terrorism, and emergency preparedness; crime prevention; pollution control; fire prevention and control; legal and social systems and principles; and public health.

**History of Rock and Roll (1.0 credit)**

This course serves to introduce students to the history and performance of Rock music. Students will learn the music and bands of historical significance, hearing loss prevention, and compositional techniques of Rock music. This course will cover the history of Rock music from its inception to the present day.

**AVID (1.0 credit)**

AVID courses encourage students to pursue college readiness (and eventual enrollment). Typically, the courses offer activities that enable students to learn organizational and study skills, enhance their critical thinking skills, receive academic assistance as necessary, and be motivated to aspire to college education.