



Lincoln High School 9th Grade Course Descriptions

2019-2020



Required Courses (taken by all LHS 9th graders)*

- 20th Century World History SOC111,112
(Year-long course) 1.0 credit
- English I LA103,104
(Year-long course) 1.0 credit
- Next sequential math course:
Algebra I MTH111,112 (if not already completed)
(Year-long course) 1.0 credit
Geometry MTH211,212 (if Algebra I successfully completed)
(Year-long course) 1.0 credit
- Team Sports/Games (with CPR)
(Semester course) 0.5 credit

*Students attending Central Academy may have different courses.

Science (must select one of the following):

Biology SCI203,204

(Year-long course) 1 Credit

Biology is the study of life. This lab-based course provides a survey of life science topics with a special focus on science processes and inquiry, the cell, the molecular basis of heredity, evolution, interdependence of organisms, living systems, human body, and behavior of organisms. Integration of these topics allows students to practice scientific thinking skills and apply them to in-class investigations.

Earth Science SCI207,SCI208

(Year-long course) 1 Credit

This interdisciplinary course, consisting of a study of the earth and space, is an integral part of the science sequence. Topics of study include geology, space and astronomy, meteorology and oceanography. Laboratory investigations, which involve students in the inquiry processes of science, are incorporated into the course. This course is part of the sequence of science courses students should consider for a strong, diversified academic program in science.

Elective Courses

Art Courses

Intro to 2D & 3D Art ART101,102

(Year-long course) 1 Credit

This course is an introductory foundational level study of all visual art standards and requires no previous art experience. Students use a variety of media, techniques and processes to express meaning and solve visual arts and creative problems. Satisfactory completion of this course is a prerequisite for all advanced art courses.

Career & Technology Education Courses (Business, FCS, & Tech Ed)

Future Ready: Academic & Career Planning CTE101

(Semester course) 0.5 Credit

Future Ready will direct students in career and academic planning. Students will be exposed to all types of post-secondary options. Future Ready will meet graduation requirements including Health Literacy, Financial Literacy, Technology Literacy, and Employability Skills. Future Ready will help prepare students for life after high school, wherever their path may lead!

Beginning Computer Applications

BUS111

(Semester course) 0.5 Credit

Beginning Computer Applications is designed specifically for students new to computer applications and/or new to the English language. Students will be introduced to word processing, database, presentation, and spreadsheet functions. Students will complete projects in each topic. This course will help students to develop skills needed for both professional, educational, and personal use.

Intro to Business

BUS103

(Semester course) 0.5 Credit

Introduction to Business offers students the opportunity to examine a variety of careers in the business and marketing area. The course will include some activities designed to help students assess their interests, aptitudes, and abilities and match them with the requirements of various occupations. Activities such as resume writing, interviewing, problem solving, and working with groups will be included in order to help students develop skills to obtain and keep a job.

General Business

BUS105

(Semester course) 0.5 Credit

General Business is designed to enhance students' understandings of the role businesses play in our present-day economic system. Topics include: banking, careers, insurance, personal investment, consumerism, credit and marketing.

PLTW: Intro to Computer Science

TEC161,TEC162

(Year-long course) 1 Credit

Designed to be the first computer science course for students who have never programmed before, Introduction to Computer Science is an optional starting point for the PLTW Computer Science Program. Students work in teams to create apps for mobile devices using MIT App Inventor. They explore the impact of computing in society and build skills in digital citizenship and cybersecurity. Beyond learning the fundamentals of programming, students build computational-thinking skills by applying computer science to collaboration tools, modeling and simulation, and data analysis.

Nutrition & Food Prep 1

FCS107

(Semester course) 0.5 Credit

In Nutrition and Food Prep 1, students will apply nutrition principles to personal diet planning, develop skills in selecting, care and preparation of a variety of food. Labs are designed to help students learn safe food preparation techniques.

Child Development 1

FCS103

(Semester course) 0.5 Credit

Students will develop skills in the care and guidance of infants, toddlers, and preschoolers. The course will include prenatal development from conception to birth. Students will participate in many activities designed to simulate the social, emotional, and intellectual development of children. Students will analyze responsibilities and decisions that need to be made regarding pregnancy.

Personal Health & Development

FCS101

(Semester course) 0.5 Credit

Personal Health and Development is a course designed to provide students with information about how to develop a healthy lifestyle. The topics included are self-concept, nutrition, exercise, substance usage and sexuality. Students will apply the decision making process to health choices and examine the interrelation between physical, emotional, mental and social health.

Drafting: 3D Mechanical Design & Development TEC203

(Semester course) 0.5 Credit

Students will be introduced to the universal language of the mechanical design and development industry. Students will apply the basic skills such as measurement and problem solving in the areas of lettering, free hand sketching, geometric construction, multi-view drawings, pictorial drawing, dimensioning, and section drawings. Students will apply computer aided design and development (CADD) skills to create these drawings. This course is a building block to students who may be enrolling in other Tech Ed courses in high school or programs at Central Campus.

Exploring Technology Education TEC101

(Semester course) 0.5 Credit

This course includes learning experiences in the four technological areas of graphic communications, wood/construction, metals, and drafting. In these four areas students will develop introductory skills in safety, positive work attitudes, the use of tools, equipment, processes and materials, and the application of basic working skills. These competencies and learning experiences will assist the students in identifying their career goals as it relates to the programs at Central Campus and their home high school.

Graphic Design Fundamentals 1 TEC223

(Semester course) 0.5 Credit

The students will experience a wide range of hands-on experiences and knowledge of modern printing processes and careers. The students will design and produce various products using appropriate printing technology. During the semester, students will be introduced to publication design, desktop publishing, electronic imaging, process photography including halftone photography, image assembly/plate making, offset lithography including multi-color printing, silk-screen printing and bindery/finishing. The student will learn and apply safety as it relates to the tools, equipment, and materials common to this course.

PLTW: Intro to Engineering Design (college) TEC501,TEC502

Co-requisite: Algebra I; proficient in math

(Year-long course) 1 Credit

This is the first year foundation course of the national pre-engineering program, Project Lead the Way. This course teaches problem-solving skills using a design development process. Models of product solutions are created, analyzed and communicated using solid modeling computer design software. This is a dual credit enrollment course, meaning students are able to earn DMACC credit after completing the second semester of the course (TEC502).



Language Arts Elective Courses

Graphic Novels LA241

(Semester course) 0.5 Credit

Students will read literary works that have been adapted into a graphic novel format, enabling a deeper analysis of the text involved. This course will be a collaborative learning community in which the students will explore the graphic novel medium as a mode of communicating stories, using various texts as a way to enhance, practice, and master traditional and new literacies. Graphic novels are a rich and varied form of literature and students will analyze the structure, research the history and growth of the popular culture phenomenon of graphic novels, and look closely at the effects created in sequential art narrative.

Modern Expression LA141

(Semester course) 0.5 Credit

This one-semester course will focus on issues and topics relevant to modern life. Students will be asked to question the way they experience the world around them through text, film, art, and so forth. Through personal, analytical, and argumentative discussion and writing, students will increase their ability to think and write critically about the society around them.

Theater Arts I DRM129,DRM130

(Year-long course) 1 Credit

Theater Arts I is an introductory course that will teach students to utilize and develop self-confidence, poise, basic theater terminology, appreciation of various dramatic forms, appropriate response, awareness of theater production processes, understanding of theater literature, knowledge of theater history, and beginning performance skills.

Music Courses

9th Grade Choir

(Year-long course) 1 Credit

Students are split into a girls treble choir and a boys concert choir. Students will discuss and sing repertoire from different genres and cultures, build basic vocal skills and musical literacy. As a performance class, choral literature will be rehearsed and performed at required concerts each semester.

9th Grade Treble Choir

VOC111,VOC112

9th Grade Bass Choir

VOC113,VOC114

Band

BND101,BND102, MUS181,MUS182

Prerequisite: Middle School Band

(Year-long course) 1 Credit

This course includes concert band and marching band. The course begins approximately two weeks prior to the start of school with a required summer marching band camp. Marching band involves performances at all home varsity football games and a variety of other contests or parades each fall. Members in the band will study traditional concert band literature, and perform regularly throughout the winter and spring months. **9th grade band students must take Band Lessons.**

Orchestra

ORC121,ORC122

Prerequisite: Middle School Orchestra

(Year-long course) 1 Credit

This course is for all interested string players. Students participate in several concerts per year.

World Language Courses

Spanish I

WL111,WL112

(Year-long course) 1 Credit

Students in the first year of Spanish are introduced to the culture and geography of the Spanish-speaking world. Much effort is spent on comprehending and speaking Spanish. Proof of comprehension is based on ability to say and/or write what is required. Correct usage is taught orally through repetition, pattern drills, and questions. Corresponding written exercises emphasize correct usage. Vocabulary is based on student's interest and activities in daily life – eating, entertainment, sports, etc. of Hispanic cultures. **Student who speak Spanish fluently should sign up for Heritage Spanish I, WL214,WL214.**

Heritage Spanish I

WL413,WL414

Prerequisite: Native/Fluent Spanish speaker

(Year-long course) 1 Credit

This course is intended for native speakers of Spanish. The focus is to introduce students to grammatical structures of their first language with an emphasis on spelling, accent use, vocabulary and written Spanish versus spoken Spanish. Cultural topics of the Spanish-speaking world will be integrated via reading, writing, listening and speaking activities.

Miscellaneous

FAST 9 (College & Career Readiness) MIS161,MIS162

Prerequisite: Application, Interview

(Year-long course) 1 Credit

FAST (Future Academic Success Training, formerly AVID) is a program that helps students prepare for college and to help them get the most out of their high school learning experience. Students must be self-motivated and have the expectation that college is in their future. The FAST program is geared to help students achieve their postsecondary academic goals.

Leadership

MIS315,316

Prerequisite: Election to Student Council

(Year-long course) 1 Credit

Leadership is a hands on course that provides students experience in leadership in a variety of settings. The course will consist of two groups: student council and the senior board. Traditional academic lessons are typically held at the beginning of every other class.