



DISTRICT 300

Summer School Course and Program Offering Guide

2018-2019

High School Summer School

Honor Courses

American Government (2406)
Geometry (3412/3413)
Global Economics (2404)
U.S. History (2408/2409)
World History (2401/2402)

Courses for Enrichment

Art Fundamentals (8801/8802)
Automotive Technology I (7801)
Culinary Arts I (7856)

Driver's Education

Driver's Education SS (9835SS)
Behind the Wheel SS (9836SS)

The following courses are for remedial or retakes

English

English 9 (1310/1311)
English 10 (1313/1314)
English 11 (1316/1317)
English 12 (1319/1320)

Math

Algebra I (3304/3305)
Algebra II (3315/3316)
Geometry (3312/3313)

Physical Education

Physical Education (SS9850)

Core Courses for Summer School

American Government (2406)

Length/Credit: 1 semester/1.0 unit

Grade: 10, 11, 12

Students will develop an analytical perspective on the federal, state, and local governments and politics, including a study of concepts used to interpret government and politics, as well as the analysis of specific examples, i.e., the United States and Illinois Constitutions. Students will write extensively on government related work and will be adhere to the demanding structure of this course.

Geometry (3412/3413)

Length/Credit: 2 semesters/1.0 unit

Grade: 9, 10, 11, 12

Prerequisite: Algebra I with a B or higher.

Other Info: This course will count toward the Math graduation requirement.

This course is a rigorous study of the fundamentals of geometry. Geometric reasoning and proof are developed and applied to triangles, congruent triangles, properties of quadrilaterals, parallel lines, perpendicular lines, and properties of circles. In addition, students will explore the relationships of right triangles, similar triangles, and elementary trigonometry. Area, surface area and volume of polygons and polyhedral will also be studied.

Geometric relationships are developed using coordinate geometry techniques. Algebraic skills are reinforced through use in developing geometric concepts and their applications.

Global Economics (2404)

Length/Credit: 1 semester/0.5 unit

Grade: 10, 11, 12

Students will explore global economic issues and individual economic issues and individual economic decisions. A major component of the course will be an analysis of the international dimensions of economics. A greater focus will be placed on interpretation and independent study including a stronger focus on writing skills. Students will engage in extensive reading and analysis, while adhering to the demanding structure of this course.

U.S. History (2408/2409)

Length/Credit: 2 semesters/1.0 unit

Grade: 11, 12

This course is a study of U.S. history from colonization to the present, focusing on social, political, economic, and geographic developments of the United States. The class will include in-depth and accelerated work, emphasizing the interpretation of trends and movements by analyzing and interpreting original and secondary documents and readings. Students will engage in extensive reading and historical writing, while adhering to the demanding structure of this course.

World History (2401/2402)

Length/Credit: 2 semesters/1.0 unit

Grade: 9

Students will explore the major events and movements in world history. Emphasis will be placed on the development of students' skills to analyze history as they study world civilizations. The class will include in-depth and accelerated work, emphasizing the interpretation of trends and movements by analyzing and interpreting original and secondary documents and readings. Students will engage in extensive reading and historical writing, while adhering to the demanding structure of this course.

Art Fundamentals (8801/8802)

Length/Credit: 2 semesters/1.0 units

Grade: 9, 10, 11, 12

In this year-long introductory class, students will utilize the Elements and Principals of Design through a wide variety of art media such as drawing, ceramics, printmaking, painting, sculpture and metals. This class is designed to provide students with the foundation necessary to expand into more specialized areas.

Automotive Technology I (7801)

Length/Credit: 1 semester/0.5 units

Grade: 9, 10, 11, 12

Other Info: Articulated with ECC AUT 100. Small Engine Tune-Up, Overhaul and Diagnosis Introduction to Transportation and Automotive Technology focuses on the theories related to transporting people and cargo. Students will learn

about the impact of technology on various types of transportation. Students will also learn basic automotive engine fundamentals as well as fundamentals of other propulsion engines used in land, water, air, and space transportation. Students will also explore career opportunities in transportation.

Culinary Arts I (7856)

Length/Credit: 1 semester/0.5 units

Grade: 9, 10, 11, 12

Other Info: 7856, 7857, 7858, 7859 together articulated with ECC CUL 100. Students will be introduced to the principles and practices of working with food and culinary equipment. Students will practice the basic skills and knowledge necessary for food preparation by planning, preparing, and evaluating a variety of simple, economical, and nutritious dishes including baking, dairy, eggs, and grains. Students will survey careers in the area of foods and nutritions.

Algebra I (3304/3305)

Length/Credit: 2 semesters/1.0 units

Grade: 9

Other Info: This course will count toward the Math graduation requirement. This course is an integrated study of skills and techniques traditionally associated with algebra and elementary geometry. This Algebra course is a rigorous course, which is a prerequisite for accelerated mathematics courses including Honors Geometry. Students enrolling in this class should have strong computational skills with fractions, integers, and decimals. Some topics presented are properties of real numbers, function notation, and evaluation of variable expressions. The students will learn to solve equations and inequalities, graph functions, and solve systems of linear equations. Also, this course contains the study of non-linear relationships, which includes operations with exponents and radicals, polynomial expressions, and solutions to radical equations. Finally, students will learn to solve and graph quadratic relationships along with topics in statistics and probability. Throughout the course, algebraic skills will be linked to problem solving and critical thinking.

Algebra II (3315/3316)

Length/Credit: 2 semesters/1.0 units

Grade: 10, 11, 12

Prerequisite: Geometry.

Other Info: A graphing calculator, while not required, would be a helpful tool in this course and is needed on the SAT. In Algebra II students will review essential Algebra I concepts such as graphing linear equations, solving linear systems, and factoring polynomials. A major theme throughout this course is transformations of graphs; transformations will be analyzed with the following functions: quadratic, polynomial, radical, and rational. Students will also solve equations involving the same types of functions. Sequences and series will be introduced after the students have a solid foundation with logarithms. Students will also go through an in-depth statistics unit, wherein students explore how mean and standard deviation are related to each other, as well as explore margin of error and confidence intervals.

English 9 (1310/1311)

Length/Credit: 2 semesters/1.0 units

Grade: 9

Students will practice and apply skills necessary to reading high school materials and communicating complex ideas effectively in a variety of situations. They will apply analytic and critical reading skills to make and justify inferences about meaning in fiction and persuasive and expository texts, write focused multi-paragraph composition to persuade and explain, and compose and deliver effective speeches for a variety of purposes and audiences.

English 10 (1313/1314)

Length/Credit: 2 semesters/1.0 units

Grade: 10

Prerequisite: English 9, summer school, night school, or concurrent enrollment. Tenth grade students will continue to explore necessary skills in reading and writing, while reinforcing skills in English 9. Students will study world literature and use knowledge of cultural context. They will apply themes and allusions to make connections between different cultures and literatures. Students will continue to expand on writing and vocabulary acquisition.

English 11 (1316/1317)

Length/Credit: 2 semesters/1.0 unit

Grade: 11

Prerequisite: English 9 and 10, summer school, night school, or concurrent enrollment.

This course is devoted to a thematic study of American literature. Students will continue to build on skills for reading and writing. Students will write and analyze a variety of literacy and rhetorical devices. In addition, students will study grammar, usage, and vocabulary as a means of improving writing skills for college and career readiness.

English 12 (1319/1320)

Length/Credit: 2 semesters/1.0 unit

Grade: 12

Prerequisite: English 9, 10, and 11, summer school, night school, or concurrent enrollment.

Students will analyze complex literary devices; synthesize and defend interpretation of British literature; relate British literature to historical and literary traditions and themes; write effectively for a variety of academic and practical purposes; and continue to analyze rhetorical devices.

Geometry (3312/3313)

Length/Credit: 2 semesters/1.0 unit

Grade: 9, 10, 11, 12

Prerequisite: Algebra I with a B or higher.

Other Info: This course will count toward the Math graduation requirement.

This course is a rigorous study of the fundamentals of geometry. Geometric reasoning and proof are developed and applied to triangles, congruent triangles, properties of quadrilaterals, parallel lines, perpendicular lines, and properties of circles. In addition, students will explore the relationships of right triangles, similar triangles, and elementary trigonometry. Area, surface area and volume of polygons and polyhedral will also be studied. Geometric relationships are developed using coordinate geometry techniques. Algebraic skills are reinforced through use in developing geometric concepts and their applications.

Physical Education SS (SS9850)

Length/Credit: 1 semester/0.5 unit

Grade: 9, 10, 11, 12

Summer school physical education students will participate in activities such as resistance training, weight training concepts and principles, cardiovascular conditioning, flexibility activities as well as team sports units to be selected by the teacher from the following list: basketball, floor hockey, lacrosse, miscellaneous games, softball, soccer, speedball, team handball, touch football, track and field, tumbling, ultimate Frisbee, and volleyball. The summer school Physical Education curriculum will emphasize the development of a personal fitness program and the skills learned through participation in team sports. A variety of individual and team activities are included in order to give students a well-rounded understanding of basic fitness principles, five components of fitness and team sport concepts.

Driver's Ed Classroom (9835SS)

Length/Credit: 1 semester/0.5 units

Grade: 9, 10, 11, 12

Other Info: Student must be 15 years of age by the start of class.

The purpose of this course is to prepare students with the philosophies, concepts, and skills needed for the behind the wheel phase of Driver Education. Students will also develop an understanding of how drugs, distractions and alcohol affect the physical condition of a driver and the importance of wearing safety belts. This course meets the Illinois state requirement of 30 classroom hours of driver education.

Please note - registration and course dates and times differ than other summer school courses. Please refer to the driver's education-specific registration form for dates.

Behind the Wheel (9836SS)

Length/Credit: Minimum of 12 hours; no credit awarded

Grade: 9, 10, 11, 12

Prerequisite: Enrolled in or already completed Driver's Ed Classroom.

Other Info: This course requires the payment of a user's fee of \$300 as well as the fee paid to the State of Illinois for a

driver's permit. No credit is given for this course.

The basic classroom ideas and concepts are applied to the driving phase. Habits and skills are developed for residential, city, and highway driving with special emphasis on specific maneuvers. Six hours of driving instruction are necessary to meet the state requirement for applying for a driver's license. Scheduling varies by school.

****Please note - registration and course dates and times differ than other summer school courses. Please refer to the driver's education-specific registration form for dates.****

Extended School Year [ESY]

Program Description

Extended School Year or ESY offers an opportunity for students with one or more severe disabilities the opportunity to continue their school year throughout the summer to prevent regression that would be more significant than their non-disabled peers. Participation in ESY is based on a student's IEP programming.

Courses

Preschool & Kindergarten Self Contained

Preschool and Kindergarten LEAP

LIFE/L2IFE Elementary

LIFE/L2IFE and LIFE/LEAP Blended Secondary

Multi-Needs Elementary

Multi-Needs Secondary

LEAP Elementary

LEAP 6th-8th

High Incidence Elementary

High Incidence 6th-8th

High Incidence 9th-12th

Vision K-12

Core Courses for Extended School Year [ESY]

Preschool & Kindergarten Self Contained

Creative Curriculum.

Preschool and Kindergarten LEAP

Discrete trial teaching and 1:1 instruction on IEP goals.

LIFE/L2IFE Elementary

Instruction is based on individual IEP goals in reading and math. Students also participate in activities to support Life Skills development including cooking. Students have the opportunity to participate in community based instruction.

LIFE/L2IFE and LIFE/LEAP Blended Secondary

Instruction is based on individual IEP goals in reading and math. Students also participate in activities to support Life Skill development including cooking and apartment living. Students have the opportunity to participate in community based instruction.

Multi-Needs Elementary

Instruction is based on activities of daily living including personal care. Students have the opportunities to participate in activities to support Life Skills development including cooking, and community based instruction.

Multi-Needs Secondary

Instruction is based on activities of daily living including personal care. Students have the opportunities to participate in activities to support Life Skills development including cooking, apartment living and community based instruction.

LEAP Elementary

Instruction is based on individual IEP goals in reading and math. Students also participate in activities to support Life Skill development including cooking and apartment living. Students have the opportunity to participate in community based instruction

LEAP 6th-8th

Instruction is based on individual IEP goals in reading and math. Students also participate in activities to support Life Skill development including cooking and apartment living. Students have the opportunity to participate in community based instruction.

High Incidence Elementary

Instruction is based on individual IEP goals in reading and math. Students also complete lessons on iReady twice a week to remediate areas of deficits in reading and math.

High Incidence 6th-8th

Instruction is based on individual IEP goals in reading and math. Students also complete lessons on iReady twice a week to remediate areas of deficits in reading and math.

High Incidence 9th-12th

Instruction is based on individual IEP goals in reading and math. Students also complete lessons on iReady twice a week to remediate areas of deficits in reading and math.

Vision K-12

Instruction is based off the expanded core curriculum and students individual IEP goals.

District-Based Camps, Programs, and Activities

Elementary

Title I Programming

The Title 1 summer program's goal is to provide a hands-on enrichment program for Title 1 elementary students. Students allowed to participate by invitation only.

TPI Enrichment

The TPI summer program's goal is to provide a hands-on enrichment program for TPI elementary students. Students allowed to participate by invitation only.

Middle School

AVID Excel Bridge

Program offered for students enrolled in the AVID Excel program. This program provides students with supports as they transition from one grade level to another and prepares them for continuing participation in the AVID Excel program. Participation based on course enrollment and AVID participation.

AVID Summer Math Bridge-Algebra I

Program offered for AVID students enrolled in Algebra I in the fall. This program provides students with supports as prepare for the Algebra I course. Participation based on course enrollment and AVID participation.

Summer Band

This program is for all incoming 6th - 8th grade students currently enrolled in the band program at their base school.

Summer Orchestra

This program is for all incoming 6th - 8th grade students currently enrolled in the orchestra program at their base school.

Summer Theatre

This production will focus on the development of a full, two-act musical and will be held to high production standards. Participation is open to all students entering grades 6-8.

High School

9th Grade Bootcamp

Prerequisite: Must be a freshman during 2018-2019 school year.

Date: August 2, 8:00am-1:00pm

9th grade Boot Camp is an interactive workshop where incoming freshmen students get first exposure to the rigors and intricacies of high school. This event will focus on developing five attributes: teamwork, communication, organization, critical reading, and problem solving.

AP Bootcamp

Prerequisite: Must be enrolled in an AP course during 2018-2019 school year.

Date: August 1, 8:00am-1:00pm

AP Boot Camp is an interactive leadership workshop where students new to AP or recommended by an AP teacher, discuss and practice the qualities required for success in college and in the corporate world. This event will focus on developing five attributes: teamwork, communication, organization, critical reading, and problem solving.

AVID Summer Math Bridge-Algebra I

Program offered for AVID students enrolled in Algebra I in the fall. This program provides students with supports as prepare for the Algebra I course. Participation based on course enrollment and AVID participation.

AVID Summer Math Bridge-Algebra II

Program offered for AVID students enrolled in Algebra II in the fall. This program provides students with supports as prepare for the Algebra II course. Participation based on course enrollment and AVID participation..

Summer Theatre

This production will focus on the development of a full, two-act musical and will be held to high production standards. Participation is open to all students entering grades 9-12.

Pre-Calculus

Prerequisite: Must be enrolled in an AP Calculus course during 2018-2019 school year.

Date: June 11-28 and July 9-26, 8:00am-1:00pm

A graphing calculator is required for this class. The recommended model is TI-84-Plus. This course will NOT count toward the Math graduation requirement. This course is recommended for students that have successfully completed Honors Algebra 2 junior year and are looking at taking AP Calculus senior year. This course will include the review and study of linear, radical, rational, and polynomial functions and their graphs. Also, zeros of polynomials, derivatives, critical points of graphs, and inverse functions are explored. Topics useful for the study of calculus such as trigonometric identities, inverse trigonometric functions, polar coordinates, complex numbers, normal forms and rotation of axes are presented. The course concludes with a review of exponential and logarithmic functions, sequences, and series.

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DISTRICT 300

2550 Harnish Drive, Algonquin, IL 60102
www.d300.org

