

2019 WGHS Extended School Year Opportunities
Course Descriptions and Information
May 30th – July 3rd, 2019

****Each course needs a minimum enrollment of 15 for the course to be offered this summer***
Courses are subject to change*

9310 Algebra I (Second Semester)

Credit: 1/2 of Math

10:00 a.m. - 12:30 p.m.

Open to Grades: 10 - 12

This course is available to current students in need of Algebra credit.

This course covers the topics taught second semester in Algebra I.

Topics include linear functions, linear systems, and polynomials.

(This is a credit recovery course only)

20201 Computer Applications (Online)

Credit: 1/2 of Practical Art or Elective

Open to Grades: 9 - 12

Computer Applications is a course aimed to help students learn how to efficiently use the computer and get “hands on” computer experience with Microsoft Office 2016. Students will have an opportunity to review computer basics and word processing concepts. Spreadsheet analysis, database management, and presentation usage will also be learned. Students who have a foundation in Microsoft Office will find it very useful now and later in life.

*Please note: This course is online but will have a **30-minute required meeting** at Webster Groves High School on **May 24th at 9:00 AM in room 248A** to obtain materials and instructions. Students must have email and internet access in order to complete all assignments, projects and assessments. Weekly submittal of work will be required. Online courses are intended for self-motivated, independent learners who can problem solve.*

2079 Computer Programming with Python ONLINE

Credit: 1/2 unit

Prerequisite: Students who earned a “C” or better in Algebra have experienced a challenging yet appropriate placement in this course.

Open to Grades: 9-12

This course introduces students with little or no programming experience to the fundamental features and essentials of computer science and object-oriented programming, with an emphasis on helping students develop logical thinking and problem solving skills. Students will be introduced to the multiple stages a programmer works through to take a programming concept and produce a usable Python application. Through engaging activities and graphical programming exercises students will develop skills and knowledge in programming including using mathematical operators; order of operations and error handling, data types and variables; using “if” statements, loops, and arrays; creating menus; and drawing lines and shapes. With the beginning programmer in mind, this course will introduce you to a new career, maybe your own!

*Please note: This course is online but will have a **30-minute required meeting** at Webster Groves High School on **May 24th at 10:30AM in room 248A** to obtain materials and instructions. Students must have email and internet access in order to complete all assignments, projects and assessments. Weekly submittal of work will be required. Online courses are intended for self-motivated, independent learners who can problem solve.*

9320 Freshman Summer Immersive Reading

Credit: 1/2 of Elective

7:30 a.m. – 10:00 a.m.

Open to Grade 9 only

This course will offer students the opportunity to work with their required summer reading novels while also interpreting other works of literature. Through individual and interactive whole-class novel study, students will acquire skills [evidence and inference, word meanings, text features, and thematic work] to help them improve in comprehending and analyzing the texts they will approach as readers in their first year of high school.

6860 Session I Geocaching

6861 Session II Geocaching

Credit: 1/2 of Physical Education

Open to Grades: 11 – 12

Enrollment: Minimum 10 – Maximum 25

(May only be taken one time during your high school career)

****ADDITIONAL LEARNING AND CONTACT HOURS REQUIRED BEYOND ACTIVITY WEEK****

Session I: 8:00 a.m. – 4:00 p.m. May 30th & 31st and June 3rd – June 5th

Session II: 8:00 a.m. – 4:00 p.m. June 6th & June 7th and June 10th – 12th

Geocaching is an exciting sport in which the participants use a GPS device (provided for course participants) to locate hidden "treasures." Students will take extensive hikes through forests and parks and use maps coordinates, and problem-solving skills to locate geocaches throughout the St. Louis area.

IMPORTANT!!!

Notification Process and Official Enrollment - You will receive an email regarding your enrollment status (enrolled or wait listed) within two weeks of your online application. Enrollment is on a first come, first serve basis and applying online does not guarantee a placement in the course. If you are enrolled you will then be called to the Chelsea Center for an acceptance interview to go over requirements for your opportunity. There are assignments involved and we want to make sure you know what will be expected of you over the summer to make sure you are ready to undertake this fun class!

If you agree to the requirements, you will be given a registration form(s) to complete and return which will include a parent signature. You will choose the dates for your orientation, workshops, meetings, and Wrap-Up Day. These days are IN ADDITION TO your class days. This registration form must be completed, signed, and turned into the Chelsea Center (Room 200) within ten school days of your acceptance to Geocaching. Once we receive this form, we will officially register you in your opportunity!

98053 Geometry (Second Semester)

Credit: 1/2 of Math

10:00 a.m. - 12:30 p.m.

Open to Grades: 10 -12

This is the second course in a sequence of courses preparing a student for college admission eligibility. In this course students will have informal hands on experiences which will deepen their understanding of the properties of shapes in two and three dimensions, and the application of those properties to real world situations. In addition, they will use formal deductive reasoning to generalize and prove their discoveries. Topics covered include properties of a triangle, congruent triangles, properties of parallel lines, polygons, and introduction to logic and formal deductive proof. Similarity, properties of right triangles, polygons and circles, perimeter, area, and volume will also be studied. **(This is a credit recovery course only)**

6500 Health

Credit: 1/2 of Physical Education

7:30 a.m. -10:00 a.m. or 10:00 a.m. - 12:30p.m.

Open to Grades: 9 - 12

Health is also a graduation requirement for all WGHS students. The course could be thought of as a life management class in that an emphasis will be placed on how decisions, actions, and lifestyle choices during teen years can affect a person's adult life. Topics to be covered include physical fitness, nutrition and weight management, tobacco, alcohol, and other drugs; disease prevention and control, including STD's and HIV; and healthy relationships, including family, dating and peers. This is normally a one semester course that will be condensed into five weeks.

3750 Literature and Composition

Credit: 1/2 of English

7:30 a.m. – 10:00 a.m. or 10:00 a.m. – 12:30p.m.

Open to Grades: 10 - 12

This course includes the principles of literary analysis through a variety of texts, a review of the basic skills of composition and language, a strong focus on vocabulary development, and an overview of study skills including taking notes, active listening, and contributing to class discussion.

(This is a credit recovery course only)

2008 Personal Finance Online

Credit: 1/2 of Practical Art

Open to Grades: 10 - 12

While focusing on their role as a citizen, student, family member, consumer, and active participant in the business world, students in this course will explore various financial responsibilities. This course will provide exposure in the areas of income, money management, spending and credit, and savings and investing. It will also provide opportunities for self-awareness, expression, and satisfaction in an ever-changing society. Students will discover new ways to maximize their earning potential, develop strategies for managing their resources, and explore skills for the wise use of credit, and gain insight into the different ways of investing money. This course fulfills the Personal Finance graduation requirement. Continued on next page.

Please note: This course is online but will have a 30-minute required meeting at Webster Groves High School on May 22nd or May 23rd at 7:15AM in room 248D to obtain materials and instructions. Students must have email and internet access available to them. Weekly submittal of work will be required. Online courses are intended for self-motivated, independent learners who can problem solve.

(This course fulfills the Personal Finance graduation requirement)

9300 Physical Education

Credit: 1/2 of PE

7:30 a.m. - 10:00 a.m. or 10:00 a.m. - 12:30 p.m.

Open to Grades: 9 - 12

Physical Education for summer school is a combination of three courses offered during the regular school year: Team Sports, Personal Fitness, and Weight Training. Students should come dressed for the weather and the activity. T-shirts, shorts, athletic shoes and socks are required. Locker rooms will not be provided. A water bottle is highly recommended. Students will be graded on attendance and participation. *Due to the length of summer school classes, please note that if a student sustains an injury while enrolled in PE and needs to miss more than 3 days of class participation due to the injury the student will need to be withdrawn from the summer PE course.*

9776 Online Physical Fitness Online (provided by Launch)

Credit: ½ of PE

Open to Grades: 9-12

Students in this physical education online class will gain an understanding and appreciation of the lifetime need for fitness. Students will participate in group and individual activities to develop all aspects of health related fitness and the proper components of weight training principles. This course uses a combination of traditional assignments and logging exercise hours using wearable fitness trackers.

For more details, see the [Launch Student Guide](#).

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