

Updated: 5/2/18

NOTE: This catalog is updated periodically. Please check the course schedule before you register, to ensure that the time of the class has not changed.

Oak Park and River Forest High School

2018 Summer School Catalog

<http://www.oprfhs.org/summer-school/>

Summer School and Athletic Camp Registration Timeline

Feb. 6 - March 1, 2018	Save time during registration--create/double-check your registration account. For instructions, visit oprfs.org/summer-school/ .
Feb. 21, 2018	Early Summer School sign up for rising seniors. Students graduating in 2019 can sign up early to ensure they meet their graduation requirements. Students must see their counselor for early signup.
March 1 - 5, 2018	Registration for 12-day and 24 day classes. Registration available <i>online only</i> , beginning Thurs., March 1 at 6 p.m. , for all current OPRF students. Online registration closes Monday, March 5 at 11:59 p.m. No mail-in registration accepted.
Week of March 5	Athletic Camps catalog available at oprfs.org/summer-school/.
March 7, 2018	Registration for 12-day and 24-day classes. Registration available <i>online only</i> , beginning Wed, March 7 at 6 p.m., for incoming freshmen and continues with current OPRF students. Online registration closes Wednesday, April 4th at 11:59 p.m. No mail-in registration accepted.
April 3, 2018	Registration for Swim Camp only, on a first-come, first-served basis. Registration available <i>online only</i> , beginning Tues., April 3 at 10:00 a.m. No mail-in registration accepted.
April 4, 2018	Registration for all other Athletic Camps, on a first-come, first-served basis. Registration available <i>online only</i> , beginning Wed., April 4 at 10:00 a.m. No mail-in registration accepted.
June 4 - 7, 2018	Walk-in registration for Summer School classes. On a space-available basis. Ticket Booth, 9:00 a.m. – 2:00 p.m.
May 28-June 8, 2018	Walk-in registration for Swim and Athletic camps. On a space-available basis. Athletic Office, 7:30 a.m. - 3:30 p.m.
May 30, 2018	Class schedules sent out via regular mail.
June 11, 2018	Full 24-day + Session A 12-day classes begin.
June 28, 2018	Session A 12-day classes end.
July 2, 2018* (Class will be held on Friday, July 6th due to holiday)	Session B 12-day classes begin.
July 4, 2018	4th of July Break. No classes or camps.
July 19, 2018	Full 24-day + Session B 12-day classes end.

Summer School Session Options

Each option below, whether the full 24-day session or a 12-day session, teaches course material normally covered in an 18-week semester. Some students may find this condensed schedule too challenging. We strongly encourage you to consider your child's ability to handle a concentrated learning experience before registering for Summer School classes.

Summer School will run Monday through Thursday.

- **Full 24-day session:** Mon., June 11 - July 19, 2018
(no classes July 4; classes resume on July 5 & July 6)
 - **Period 1:** 8:00 a.m. – 10:30 a.m., one semester credit
 - **Period 2:** 10:40 a.m. – 1:10 p.m., one semester credit
 - **Period 3:** 1:20 p.m. – 3:50 p.m., one semester credit
- **Two 12-day sessions:**
 - **Session A:** Mon., June 11 - Thurs., June 28
8:00 a.m. – 1:10 p.m., one semester credit
 - **Session B:** Mon., July 2-19 (no classes July 4; classes resume on July 5 & July 6)
8:00 a.m. – 1:10 p.m., one semester credit

A Note about Health Class

Beginning with last year's incoming ninth grade class, Health class will be taken only during the school year, with ninth graders required to take one semester of Health and one semester of PE. **Students in the Class of 2022 will not be allowed to register for Health in the summer session.** We have made this change in order to provide a more consistent, comprehensive experience for our students.

Current OPRF Students in need of repeating a failed course:

Course registration for any *failed* course is done through your school counselor. *There is not an online registration process for registering for a failed course/courses.* Please reach out to your counselor as soon as possible to discuss this registration process and any questions you may have. Your counselor will provide you with the application and the process for getting registered for a summer make-up class or classes.

Contacts

Summer School Coordinators: Jonathan Weintraub (jweintraub@oprfs.org)
Jason Lee (jlee@oprfs.org)

Summer School Administrative Assistant: Margaret Collins, 708-434-3121,
mmcollins@oprfs.org

Summer School Secretary: Linda Hayes, 708-434-3692, lhayes@oprfs.org

Athletic Director: John Stelzer, 708-434-3000, jstelzer@oprfs.org

Questions about...	Contact...
Which courses your child should take	Your child's counselor (<i>see next page</i>)
Course content	Appropriate division head (<i>see next page</i>)
Registration, payment, or attendance	Summer School Coordinator (<i>see above</i>)
Athletic camps	Athletic director (<i>see above</i>)

Student Services Department

Assistant Principal for Student Services:

Jennifer Hoffmann, 434-3208, jhoffmann@oprfs.org

Counselors:

Brandi Ambrose, 434-3711, bambrose@oprfs.org

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Sarah VenHorst, 434-3710, svenhorst@oprfs.org

Division Heads

Driver Education: Dan Kleinfeldt, 434-3253, dkleinfeldt@oprfs.org

English: Helen Gallagher, 434-3378, hgallagher@oprfs.org

Fine & Applied Arts/Business Education: Sarah Roodhouse, 434-3257
sroodhouse@oprfs.org

History: Jason Spoor-Harvey, 434-3379, jspoorharvey@oprfs.org

Mathematics: Julie Frey, 434-3748, jfrey@oprfs.org

Physical Education: Clay Reagan, 434-3250, creagan@oprfs.org

Science/Technology: Matt Kirkpatrick, 434-3749, mkkirkpatrick@oprfs.org

Special Education: Kennedi Dixon, 434-3105, kdixon@oprfs.org

World Languages: Claudia Sahagun, 434-3884, csahagun@oprfs.org

Attendance and Tardy Policy

Because the accelerated pace of Summer School instruction covers an entire semester of curriculum, daily attendance is mandatory. If a student is absent and no contact has been made with the Summer School Coordinator, the student may be dropped from the class without a refund of tuition and fees. If a student requires an absence due to serious illness or death in the family, the parent/guardian must immediately notify the Summer School Coordinators at 708-434-3731 or 708-434-3423. If the coordinator and teacher can determine that the time and assignments can be made up in a feasible manner and time frame, the student may be allowed to continue toward gaining credit in the course. Students are expected to be in the classroom at the beginning of each session and when breaks are over. Initial tardiness will result in detentions, and excessive tardiness in number and time lost may result in the student's removal from the class without a refund of tuition and fees.

Tuition/Fees

- **Book/fee waivers are not valid for summer school.**
- Tuition is \$185 per credit. Unless otherwise specified, all courses carry one credit.
- An additional Instructional Material Fee (IMF) of \$25 per class covers books/kits/materials received for each course.
- Additional lab fees vary and are noted in the course description.
- **Multiple course registrations for the same class period will result in a \$50 processing fee.** Sometimes more than one parent or guardian registers the same student, resulting in multiple course registrations for the same class period. This makes slots unnecessarily unavailable to other students. **Please be sure your child is signed up for only one course per class period.**
- **When paying by check,** the check should be made out to OPRFHS and must have the name and address of the signer imprinted on the front. Please note the student's name and I.D. number on the check. *Telecheck* will charge a \$25 fee for each check returned, and your registration will be invalidated.

Create/Double-Check Your Registration Account Ahead of Time

Save time the day registration opens by creating your account (or double-checking that you already have an account. For instructions, [click here](#) OR go to oprfs.org/summer-school/ OR visit <http://bit.ly/2kBxzeA>.

Financial Assistance

Financial assistance may be available for classes and athletics camps from the Oak Park Township Youth Services. Please contact Linda Hayes at 708-434-3692 or Margaret Collins 708-434-3121 for the necessary paperwork and verification of eligibility.

Refunds

- **No refunds will be issued after Wed., June 13, 2018.**
- Students dropping a class on or before June 13 will receive a refund of tuition minus the \$25 IMF fee + any lab fee + a \$25 service fee.

Waiting Lists

Waiting lists will not be available. If your preferred class is not available, the options are to sign up for another class or check back during walk-in registration to see whether any slots have opened up due to cancellations.

Class Cancellations

Class cancellations are possible due to lack of enrollment. Students will be notified of any changes or cancellations. Every effort will be made to reschedule the student for another class, if available.

Athletic Eligibility

Reminder: IHSA Scholastic Standing Rule 3.020 states that all students must pass 25 semester hours (five classes) of high school work in the second semester to be eligible for fall and winter sports. Summer school credit can be used to enhance second semester credits.

Summer School Services

- **Bookstore:** Students will receive their books/kits in their classes on the 1st day of Summer School. All textbooks will be checked out to the student's ID number and must be returned in good condition to the Bookstore on the last day of class. Otherwise, a \$5 late fee and the new textbook replacement cost will be charged. All other materials received will become the property of the student. The Bookstore summer hours are 7:30 a.m. – 3:00 p.m. Contact 708-434-3740 with any questions.
- **Health Services:** A nurse will be available from 8:00 a.m. – 4:00 p.m., Monday through Friday.

Summer School Regulations

Summer School hours are from 7:45 a.m. to 3:50 p.m. All students must vacate the building unless they are under the supervision of an instructor or coach.

Discipline: School policies in effect during the regular school year also apply in Summer School. The Code of Conduct will be distributed on the first day of class. Violation of certain infractions of the Code of Conduct will result in immediate dismissal from Summer School with no refund of tuition or fees. Other infractions that may be less serious but committed multiple times may also result in dismissal from Summer School with no refund of tuition or fees. Certain violations may also result in suspensions or actions that carry over to the start of first semester.

Transportation: School year parking restrictions apply during Summer School. Students who drive to Summer School should park in non-restricted areas. Students riding bicycles must lock

them on the racks that the school has provided. Bicycles locked in this area are under the protection of a Safety & Support person between the hours of 7:45 a.m. and 3:50 p.m. Bicycles chained in other areas of the campus may be removed by Safety & Support. The school is not responsible for any theft of bicycles or personal property.

Food and Drink: Students are not permitted to have food or drink in classrooms during school hours. Food service is not available during Summer School.

Human Dignity/Diversity Statement

The Board of Education recognizes the diverse character of the Villages of Oak Park and River Forest and asserts that, in a society characterized by that diversity, it is important that persons in the school community understand both their own heritage and the heritage of others.

Respect for the rights of others encourages understanding and interaction necessary to good citizenship. There shall be no discrimination against any individual because of race, religion, nationality, gender, disability, physical characteristics or sexual orientation.*

Each individual shall be considered as unique with individual strengths, talents, skills, and shortcomings; shall have equal access to all school-related opportunities; shall be regarded in the same high esteem; and shall equally be encouraged to fulfill his or her potential as a human being. OPRFHS is committed to providing an inclusive education for all students where racial and economic predictability are eliminated in student achievement and success.

Negative or discriminatory behavior in violation of this policy shall be challenged wherever it occurs and dealt with appropriately.

**Civil Rights are defined by local, state and federal laws. For purposes of this statement, "sexual orientation" is defined as the actual or perceived state of heterosexuality, homosexuality, bisexuality, or gender expression.*

NOTE: This catalog is updated periodically. Please check the course schedule before you register, to ensure that the time of the class has not changed.

Course Schedule

24-Day Session (June 11 - July 19)

Period 1 (8:00 - 10:30 a.m.)

Business Education Classes <i>(24-Day Session/Period 1)</i>	Grade in Fall 2018	Credits
S600 Financial Literacy	9-12	1
S604 Applied Keyboarding	9-12	1
S605 Digital Literacy - Open Capacity	9-10	1

English Classes <i>(24-Day Session/Period 1)</i>	Grade in Fall 2018	Credits
S936 Reading Strategies	9	1
S149 Creative Writing Workshop - Open Capacity	9 - 10	1

Fine & Applied Arts Classes <i>(24-Day Session/Period 1)</i>	Grade in Fall 2018	Credits
S651 Art Foundations	9 - 12	1
S661N Wheel Throwing (NOT FOR CREDIT)	9 - 12	0

Mathematics Classes (24-Day Session/Period 1)	Grade in Fall 2018	Credits
S201 Pre-Plane Geometry A	9	1
S202 Pre-Geometry A	9	1
S265 Beyond x: A Mathematical Adventure - - Open Capacity	9-12	1
S2112 Algebra 2	10	1
S2231 & 2232 Plane Geometry 1 & 2*	10	2
S2152 Advanced Algebra 2A	10-11	1

*Students must enroll in periods 1 and 2

24-Day Session (June 11 - July 19)

Period 2 (10:40 a.m. - 1:10 p.m.)

Business Education Classes (24-Day Session/Period 2)	Grade in Fall 2018	Credits
S600 Financial Literacy	9-12	1
S604 Applied Keyboarding	9-12	1
S636 Computer Animation/Multimedia	9-12	1
S605 Digital Literacy - <i>Open Capacity</i>	9-10	1

English Classes (24-Day Session/Period 2)	Grade in Fall 2018	Credits
S149 Creative Writing Workshop - Open Capacity	9 - 10	1

Fine & Applied Arts Classes (24-Day Session/Period 2)	Grade in Fall 2018	Credits
S651 Art Foundations	9 - 12	1
S661N Wheel Throwing (NOT FOR CREDIT)	9 - 12	0
S683 Fundamentals of Photography	9 - 12	1

Mathematics Classes (24-Day Session/Period 2)	Grade in Fall 2018	Credits
S200 Pre-Algebra 8	9	1
S201 Pre-Plane Geometry A	9	1
S265 Beyond x: A Mathematical Adventure - - Open Capacity	9-12	1
S2272 Geometry 2A	11	1
S2231 & 2232 Plane Geometry 1 & 2*	10	2
S2352 Trigonometry 2A	10-11	1
S2501 Intro to Computer Science	9-12	1

*Students must enroll in periods 1 and 2

24-Day Session (June 11 - July 19)

Period 3 (1:20 p.m. - 3:50 p.m.)

Business Education Classes (24-Day Session/Period 3)	Grade in Fall 2018	Credits
S600 Financial Literacy	9-12	1
S605 Digital Literacy - Open Capacity	9-10	1

Fine & Applied Arts Classes (24-Day Session/Period 3)	Grade in Fall 2018	Credits
S651 Art Foundations	9 - 12	1
S849 Musical Theatre Workshop (NOT FOR CREDIT)	9 - 12	0
S683 Fundamentals of Photography	9 - 12	1

12-Day Session A (June 11 - June 28)

8:00 a.m. - 1:10 p.m.

Business Education Classes (First 12-Day Session)	Grade in Fall 2018	Credits
S600 Financial Literacy	9-12	1

English Classes (First 12-Day Session)	Grade in Fall 2018	Credits
S155 Pre-AP Strategies and Practice	10 - 12	1

Physical Education Classes (First 12-Day Session)	Grade in Fall 2018	Credits
S501 Health Education	10 - 12	1

Science & Technology Classes (First 12-Day Session)	Grade in Fall 2018	Credits
S508 Exploration in Laboratory Science	10 - 12	1

12-Day Session B (July 2 - July 19)
8:00 a.m. - 1:10 p.m.

Business Education Classes (<i>Second 12-Day Session</i>)	Grade in Fall 2018	Credits
S600 Financial Literacy	9-12	1

English Classes (<i>Second 12-Day Session</i>)	Grade in Fall 2018	Credits
S155 Pre-AP Strategies and Practice	10 - 12	1

Physical Education Classes (<i>Second 12-Day Session</i>)	Grade in Fall 2018	Credits
S501 Health Education	10 - 12	1

Field Sciences (Times and Dates to be Announced)

Science & Technology Classes	Grade in Fall 2018	Credits
S527 Field Marine Biology I or II* (Florida)	10-12	2
S533 Summer Field Ecology (UK)	10-12	2
S531 Tropical Field Ecology (Costa Rica)	10-12	2

*Both classes run concurrently

Special Education

All Special Education registration forms should be returned to Margaret Collins in Room 108 - 708-434-3121.

24-Day Session (June 11 - July 19)

Period 1 (8:00 - 10:30 a.m.)

Special Education Classes (24-Day Session/Period 1)	Grade in Fall 2018	Credits
S1177 ESY - Reading (Sophomores - Seniors)	10 - 12	1
S2177 ESY - Applied Math	9	1
S1999 TEAM (8:00 a.m. - 12:00 p.m.)*	9 - 12	1
S9707/1 CITE I (8:00 a.m. - 12:00 p.m.)*	9 - 12	1
S9707/2 CITE II (8:00 a.m. - 12:00 p.m.)*	9 - 12	1

*Paid Classes

24-Day Session (June 11 - July 19)

Period 2 (10:40 a.m. - 1:10 p.m.)

Special Education Classes (24-Day Session/Period 2)	Grade in Fall 2018	Credits
S2177 ESY - Applied Math	10 - 12	1
S1177 ESY - Reading (Freshmen only)	9	1
9000ST ESY - SED/STAR Program	10 - 12	TBD
S6057 Applied Keyboarding*	9-12	1

*Paid Classes

Driver Education

June 8 - July 6

Priority given to Oak Park and River Forest residents.

There is no online or pre-registration. To take Driver Education during Summer School, you must attend BOTH of the registration meetings on May 7 and May 21, 2018.

Driver Education Classes	Grade in Fall 2018	Credits
S920 Driver Education (<i>Classes are held Monday through Friday</i>)	10 - 12	1
Section A: 8:30 a.m. to 11:30 a.m.		
Section B: 12:00 p.m. to 3:00 p.m.		

NOTE: This catalog is updated periodically.

Please check the course schedule online before registering, to confirm that the class is available and that the time has not changed.

Summer School Course Descriptions

Summer School courses are described below by division. General education courses carry one credit and, unless otherwise specified, are open to incoming freshmen. Repeat courses are designed for students who failed the course during the regular school year. Academic courses are open only to students with high school standing.

Business Education Division

S600 Financial Literacy

This course is an introduction to practical economics and an overview of basic aspects of business. Emphasis is on the student's role as consumer, producer, and citizen. Topics include money management, banking services, savings and investments, credit, insurance, business and government services, taxes, the American business system, and basic economics. Successful completion of this course fulfills the state consumer education requirement.

S604 Applied Keyboarding

Computer Applications with Keyboarding is district course designed to introduce, familiarize, and augment student learning through the use of various technologies. Serving the primary role technologically is the Chromebook; which serves as the technology of choice for the District 1 to 1 initiative. Students will use technology to increase their efficiency and understanding of core curricular concepts such as mathematics, communication, Internet research, app usage, and understanding of personal learning style. Apps for this class include coverage of Google Drive, Microsoft Office, Internet and Email usage, Keyboard Efficiency, Social Media, and Online Professional Portfolios.

S636 Computer Animation/Multimedia

Students use personal computers to learn a variety of computer animation applications including GIF Animator for basic web animations, Cool 3D for simple 3D animations, Flash, digital cameras, Video Studio for stop action, Claymation and Inspire 3D for advanced and complex 3D animation and modeling. This course does not fulfill the computer proficiency graduation requirement.

English Division

General Courses

S149 Creative Writing Workshop

Note: For incoming freshman and sophomore students only. This class is for emerging and enthusiastic, talented writers entering their freshman or sophomore year. It is intended for students with strong English skills who may already be writing creatively on their own.

S936 Reading Strategies

Note: Open to incoming freshman students recommended for transitional English. This course is recommended for those students placed in transitional English their freshman or

sophomore year and whose academic achievement in the regular school year would be enhanced by further reading instruction. The small group setting emphasizes comprehension of content area textbooks, test-taking, vocabulary, ACT/SAT test preparation, speed reading and writing skills to assist students with overall academic achievement. Students who successfully complete Reading Strategies in Summer School may have the opportunity to transition to College Prep English for their freshman or sophomore year.

S155 Pre-AP Strategies and Practice

Recommended for students who will take their first Advanced Placement class in the fall

Through close reading and textual analysis, students will examine interdisciplinary topics, identify and analyze arguments, and construct responses that synthesize evidence and points of view. Students will also have the opportunity to discuss time management, workload, and expectations with peers that have successfully completed AP classes. By practicing these skills and interacting with those that have been part of the AP curriculum, students will be better prepared for the college-level reading, writing, and expectations they will encounter in their AP classes.

Repeat Courses

Repeat English courses are held with OPRFHS teachers during the 24-day morning sessions using APEX (computer based and available only to OPRFHS students) course materials.

S1131 English 1

S1132 English 2

S1331 American Literature 1

S1332 American Literature 2

S1441 English Literature 1

S1442 English Literature 2

Fine & Applied Arts Division

S651 Art Foundations

This is an introductory studio course in which students gain exposure to the visual culture through a variety of two- and three-dimensional media. Through the use of elements and principles of design, students will see, feel and think about the world within a contemporary and historic perspective. Fees include all materials needed for the course.

Additional Lab Fee: \$50

S683 Fundamentals of Photography 1

Photo 1 – 35mm BW Film-- Photo 1 students will learn how to use a fully manual 35mm SLR camera, how to develop black and white film, and how to process black and white prints. Emphasis is placed on understanding the functions of a manual camera and learning the basics of photography such as metering, shutter use, aperture control, composition, and techniques/skills necessary for traditional darkroom printing. Students must provide their own fully manual 35mm SLR camera, paper and film.

Additional Lab Fee: \$125

S661N Wheel Throwing

Not for credit. This workshop introduces basic skills and material exploration using the potter's wheel and hand-building techniques. Fee includes all materials and tool kit. **Additional Lab Fee: \$25**

S605 Digital Literacy & Citizenship

This is a course designed to enhance the digital efficiency, effectiveness, and safety of students. The curriculum will be delivered utilizing a hybrid model of both in-class and online platforms. Upon completion of the course, students will be able to use the introductory functions of the Microsoft suite and Google apps for education. They will also understand online organization, email, presentations, smart internet research and references, sources and copyrights, safe use of social media, and guidelines for cyberbullying, privacy, and security. This course fulfills the computer proficiency requirement.

S849 Musical Theatre Workshop –

Not for credit. This workshop explores all aspects of musical theatre production and culminates in a full scale production performed for the community. Students will either perform on stage in the musical or work with the backstage crew. Students must register for one course or the other. Students must participate in all performances, July 13, 14 and 15, 2018, as well as the final day of class.

Dates: June 11 - July 19, 2018

Additional Lab Fee: \$25

S849P = Performer or S849C = Crew

History Division

General Courses

S155 Pre-AP Strategies and Practice

Recommended for students who will take their first Advanced Placement class in the fall

Through close reading and textual analysis, students will examine interdisciplinary topics, identify and analyze arguments, and construct responses that synthesize evidence and points of view. Students will also have the opportunity to discuss time management, workload, and expectations with peers that have successfully completed AP classes. By practicing these skills and interacting with those that have been part of the AP curriculum, students will be better prepared for the college-level reading, writing, and expectations they will encounter in their AP classes.

Mathematics Division

General Courses

Note: All OPRFHS students enrolled in a freshman math class will be required to use a Texas Instrument TI-Nspire with touchpad calculator or a TI-Nspire CX. The Bookstore offers the TI-Nspire CX for sale. Please check with Bookstore staff for pricing.

S200 Pre-Algebra 8

Open to incoming freshmen only – 1 credit (Pass/Fail)

Students may take this course to better prepare for Algebra. This course is for students recommended for Algebra or students recommended for Pre-Algebra (200) who wish to move up to Algebra (211).

S201 Pre-Plane Geometry A

Open to incoming freshmen only

Summer School Only; 1 credit (Pass/Fail)

This course is intended for good mathematics students who have covered Algebra in 8th grade. It begins with the basic concept of signed numbers and works its way through algebraic expressions, equation solving, polynomials, etc. The purpose of this course is to prepare good math students for Plane Geometry A. This course is for students recommended for Plane Geometry A or students recommended for Algebra who wish to move up to Plane Geometry A.

S202 Pre-Geometry A

Open to incoming freshmen only

Summer School Only; 1 credit (Pass/Fail)

This course reviews the full year of algebra that advanced students took in 8th grade, with the intention of better preparing these students for Geometry A. Included in the review are the studies of integers, rationals, irrationals, number properties, expressions, equations, inequalities, polynomials, factoring, graphing, systems, functions, and quadratics. Students should not take this course unless they have studied all (or most) of the topics in the preceding list. This course must review the entire year of freshman algebra. This course is for students recommended for Geometry A or students recommended for Intermediate Plane Geometry A who wish to move up to Geometry A.

S2112 Algebra 2

Enables current freshmen to step up from the basic level to the regular level. Topics include data analysis, number patterns and properties, functions, equation solving, systems of linear equations, lines and slope, distance, polynomials, and quadratic equations. A TI-Nspire calculator is required.

S2152 Advanced Algebra 2A

This class is for students who wish to step up from the honors to the accelerated level. This class is also for students who wish to be able to take AP Calculus as a senior, and should be taken in conjunction with Trigonometry S2352A. This course is offered first period. Topics include functions, systems of equations, exponential and logarithms, radicals and rational

expressions, sequences and series, and complex numbers. Challenging word problems covering these topics are included. A TI-Nspire or TI-84 Plus calculator is required.

S2231 & S2232 Plane Geometry 1 & 2 (2 credits)

NOTE: Class requires attendance both periods 1 and 2 in the 24-day session

Not open to incoming freshmen

By special permission only

This course is designed to accelerate an entire year of Plane Geometry over two sessions. The purpose for this course is to allow students who show extraordinary desire and work ethic to move from the college preparatory level to the honors level. **This course is only open to students who are currently taking Algebra 1 - 2 (211) and are recommended by their teacher.** This course will cover explorations of inductive reasoning through the study of traditional relationships from Euclidean geometry including points, lines, planes, triangles, polygons, circles, areas and volumes. Problem solving skills and proof writing are emphasized. A graphing calculator is required.

S2272 Geometry 2A

This class is for students who wish to step up from the honors to the accelerated level, or for students who are currently taking Geometry in 8th grade, and would like to take Advanced Algebra as a freshman. Topics include functions, systems of equations, conic sections, logarithms, radicals and rational expressions, sequences and series, and complex numbers. Challenging work problems covering these topics are included. A TI-Nspire or TI-84 Plus calculator is required.

S2352 Trigonometry 2A

This class is for students who wish to be able to take AP Calculus as a senior, and should be taken in conjunction with Advanced Algebra S2152A. Topics include circular functions, transformations of trigonometric functions, proving trigonometric identities, sum and difference identities, inverses of trigonometric functions, compositions of trigonometric functions, solving trigonometric equations, law of sines, law of cosines, complex numbers, arithmetic and geometric sequences and series, and the binomial theorem. A TI-Nspire or TI-84 Plus calculator is required.

S2501 Introduction to Computer Science

This course provides an introduction to computer science programming. Students will discover the theory and power of computers by learning to write computer programs to conduct experiments and solve practical problems. The course will focus on several programming languages to facilitate students' learning of computer programming solutions. Languages include Scratch, Android App Inventor, and Python. The course prepares students for the more rigorous AP Computer Science or Honors Computer Science courses. Most of the work for the class will be done during class time in a computer lab setting under the supervision of the teacher. Some laboratory time outside of class may be required; a home computer with Internet access can serve this purpose. A Google Chromebook is required.

S265 Beyond x: A Mathematical Adventure

This course will take students beyond the curriculum of a traditional mathematics course. Students will be challenged throughout the summer with engaging tasks meant to develop and enhance their critical thinking and problem solving skills, as well as their mathematical abilities. Topics will include, but are not limited to, algorithms (How does Google work?), fractals (How does Halo make that coastline?), secret codes (How math won the war.), game theory (How to make a decision.), graph theory (How do UPS, FedEx, and USPS work?), history of mathematics (How did they come up with that?). Please come join us for a mathematics course like you have never seen - but will want to see more!

Physical Education Division

S501 Health Education - Open to Sophomores, Juniors, and Seniors

Topics covered in this course include, but are not limited to, those areas mandated by the Illinois School Code Comprehensive Health Education Program (105 ILCS 110/3). Subject matter includes the prevention and control of diseases including AIDS, consumer health, safety education, mental wellness, alcohol and drug use and abuse, human growth and development, human sexuality, nutrition, physical fitness, dental care, and steroid abuse.

Note: Successful completion of this course fulfills the state health education requirement but may not be applied toward the high school's graduation requirement of two laboratory science credits.

Science Division

S508 Exploration in Laboratory Life Science

This is a life-science lab-based course for students who have failed one or two semesters of Biology. Successful completion of this course, in combination with previous enrollment in Biology 1 and 2, will provide an alternate method for students to meet the prerequisites for courses that specify successful completion of one year of biology. This course emphasizes three distinct areas: laboratory/process skills, biology content knowledge, and executive function study skills. **Prerequisite:** Required attendance days completed for both Biology 1 and 2. One or two failed semesters of Biology or Biology A (513 or 515); teacher and counselor recommendation needed. **Additional Lab Fee: \$25**

Field Sciences

Note: Credit earned does not fulfill the laboratory science graduation requirement. Students receive an elective credit. **Field Science classes are not open to incoming freshmen.**

S527 Field Marine Biology I

\$395 tuition + approximately \$1800 for field experience – 2 credits

This is a field-based course in which students meet weekly during the winter/spring term of the school year to study the biotics and abiotics of marine ecosystems. Topics covered during these classes include Florida ecology, marine biomes, marine mammal anatomy and behavior, fish identification and invertebrate diversity. The culminating experience of this course is an 11-day field study in Florida during the summer. Students study marine ecology and technology including coral reefs, mangroves, sea grasses, the hard bottom, open ocean, bioluminescence, research and aquaculture. Participants focus on discovering the great biodiversity of the world's oceans while understanding their fragility. Students must enjoy the water and have an interest in snorkeling as well as a counselor and science teacher recommendation and a prerequisite of successful completion of one year of lab science. Scholarships are available through the Oak Park and River Forest High School Alumni Association.

S528 Field Marine Biology II (runs concurrently to Field Marine Biology I)

\$395 tuition + approximately \$4,950 for field experience – 2 credits

Designed to prepare students with the knowledge and skills to be successful and engaged in the field experience component of the course. Activities and requirements include research sessions, laboratory classes, meetings and lectures. Students are expected to complete a research project prior to the trip + summer field experience. Along with this project, homework, independent laboratories, field notebook and journal assignments are required of all students. In this eleven-day course, students will travel to various research and informational facilities in Florida to study marine habitats including Seagrass Habitat, Mangrove Habitat, Reef Habitat and Open Ocean Habitat. They will then spend time at a marine lab to experience snorkeling and to study the marine environment in depth.

S531 Tropical Field Ecology

\$395 tuition + approximately \$3,200 for the field experience – 2 credits

Prerequisite: Biology, Earth Science, Geology or consent of instructor

For this field-based course, students meet bimonthly during the winter/spring terms of the school year to develop and master science skills related to field studies in general and neotropical rainforests specifically. Students become familiar with the experiences of biologists doing research in the rainforests of Central America to prepare for experience in sustainable development, focus on conservation issues and efforts, and study the general biology, environment, geology, and sociology relevant to the region. This summer field course includes a trip to Costa Rica during the summer. During the excursion, students will experience the adventure, beauty, captivating culture and rich biodiversity hands on while traveling throughout Costa Rica and its rainforests. Students will explore different ecosystems, search for all kinds of wildlife, interact with rural community members while collaborating on service projects, and

learn about successful sustainable development strategies that have made Costa Rica famous for conservation and ecotourism. Students will travel by foot, kayak, boat, canopy walkway and zip line to experience the wonderful country in a truly authentic way. Successful completion of this course provides two elective credits toward graduation.

S533 UK Summer Field Ecology

\$395 tuition + approximately \$5,630 for the field experience – 2 credits

Prerequisite: One lab science class, consent of instructors, and recommendation of counselor

This course earns two science elective credits. Pre-travel classes meet bimonthly during the Spring semester and will investigate the basic principles and methods of ecology and environmental science with an emphasis on the unique flora, fauna and ecosystems of two regions within the United Kingdom (London, England and Cardiff, Wales). The field component will entail a variety of experiences including site visits to forests, fields and wetlands; tours of several of the world's best science museums including The Natural History Museum (London); visits to buildings and infrastructure exhibiting sustainable design features; tours, workshops and service projects at the Royal Botanic Gardens at Kew and Wakehurst; and hiking, orienteering, geocaching, paddle sports and natural history survey at Brecon Beacons Mountains (Wales). Students will travel by multiple means including boat, bus, canopy walkways and foot and will be expected to keep a journal.

Special Education Division

All registration forms should be obtained from and returned to Ms. Margaret Collins (mmcollins@oprfs.org; 708-434-3121) in Room 108.

S1177 Reading

A student must have an exceptional characteristic of LD/ED on his/her OPRFHS IEP in order to qualify.

This course is offered only to incoming freshmen. It is specifically designed to measure the decoding, comprehension, fluency, and vocabulary skills of incoming 9th grade students identified at the IEP meeting as having a need in reading skills. The course is to target the student's need areas and provide instruction and remediation. Instruction is based on multi-modal strategies with a strong emphasis on visualization. Students will be able to move from this course into three concurrent reading classes beginning in August of their freshman year. This class is offered through the IEP process for students who have identified regression in the area of reading, and are eligible for Extended School Year. (ESY – free of charge.)

S1177 Reading

A student must have an exceptional characteristic of LD/ED on his/her OPRFHS IEP in order to qualify.

This course is offered to 10th and 11th grade students identified at the IEP meeting as having a need in reading skills. It is specifically designed to measure the decoding, comprehension, fluency, and vocabulary skills of 10th and 11th grade students. The course is to target the student's need areas and provide instruction and remediation. Instruction is based on multi-modal strategies with a strong emphasis on visualization. This class is offered through the IEP

process for students who have identified regression in the area of reading, and are eligible for Extended School Year. (ESY – free of charge.)

S2177 Applied Math

A student must have an exceptional characteristic of LD/ED on his/her OPRFHS IEP in order to qualify.

This class is offered through the IEP process for students who have identified regression in the area of math, and are eligible for Extended School Year. (ESY – free of charge.)

S604 Applied Keyboarding

This Special Education course is designed to provide an opportunity for students to master the skills of entering alphabetic, numeric, and symbolic information on a keyboard and a 10-key pad using the touch method of typing. Emphasis is placed on development of accuracy, speed, proper techniques, and correct fingering. Students who successfully complete this course will be well prepared in technology use and equipped to handle assignments from a variety of disciplines. Software that students will use includes the Microsoft Office suite (Word, Excel, PowerPoint, Access, and Publisher), MicroType, and Internet Explorer. Successful completion of this course fulfills the computer proficiency graduation requirement.

TEAM Program

S1999 Academics Development/S3989 Skills Development

This course is designed to provide support in the application of a variety of academic areas. Students will acquire a basic knowledge of community resources, self-determination, current events, activities of daily living, and a variety of necessary life skills. Students will apply classroom skills in a variety of school and community settings for the purpose of skill generalization. **Activity Fee: \$35**

S97071 C.I.T.E. 1 (Community Integrated Transition Education)

An outcome-based program that will promote the student's optimal independence in the home and community by teaching individualized, age-appropriate life skills. **Activity Fee: \$35**

S97072 C.I.T.E. 2 (Community Integrated Transition Education)

An adult transition program for students 18 to 21 years old that will focus on vocational training and independent living skills. **Activity Fee: \$35**

Physical Education/Driver Education Division

S9040 Physical Education (Make-up Only)

This one-semester course is designed for freshman through senior students to recover Physical Education credit for graduation. The course will be designed to meet the needs of students with varying abilities and skill level. Students will participate in individualized fitness activity, individual sports and team activities. Students will learn the five principles of physical fitness

and how to apply them to a healthy lifestyle. Heart rate monitors and technology will be incorporated, as well as classroom activity. All students will be expected to dress in active wear each day.

S920 Driver Education (residents of Oak Park and River Forest have priority)

Driver Education Summer School will start on June 8 and end on July 6. Students will be required to pick one of the following class times. Section A will run from 8:30 a.m. to 11:30 a.m. and Section B will run from 12:00 p.m. to 3:00 p.m. Classes will be held Monday through Friday. Attendance is extremely important and students are expected to be in class every day.

There is no pre-registration or online registration. Everything needed for Driver Education registration and for acquiring instruction permits is done only on the dates listed below and not before. Please do not send/mail anything at this time.

To take Driver Education during Summer School, you must attend BOTH of the two special sessions described below.

- **Session 1: Mon., May 7, 2018 – 7:00 p.m.** Initial registration for Summer School Driver Education will be held in the North Cafeteria. At this meeting, students will complete the appropriate forms and will review for the Rules of the Road test in order to obtain a Learner's Permit. Applicants must bring a black pen.
- **Session 2: Mon., May 21, 2018 – 7:00 p.m.** At the final registration, students must bring a current Learner's Permit, forms, and fees to the North Cafeteria. Students will then sign up for a specific Driver Education class. If you have questions, contact Daniel Kleinfeldt at 708-434-3253.

Tuition: \$185

Lab Fee: \$175

The fees are to be paid on the second night of registration by non-OPRFHS students, anyone retaking the course, or OPRFHS students who have not yet paid sophomore fees. Credit/debit cards, checks and money orders only.