



High School Summer Courses 2019 June 10–28

ENGLISH

Course: English Language Development 9–12 (Morning)

Credit: 0.5 Elective

For all ELD students entering grades 9–12

Through the genre of science fiction movies, this course develops English language skills in reading, writing, speaking, and listening. Topics explored include colonization of other worlds, evolution of the human species, and infertility. Students discuss movie clips, evaluate the credibility of scientific phenomena seen on film, and create authentic spoken/written texts in which they have to consider purpose and audience. Students learn grammar and vocabulary in context.

Course: English Reinforcement and Enrichment (Morning)

Credit: 0.5 English

For all students entering grades 9–12

Students entering 9th, 10th, 11th, and 12th grades will read, discuss, write about, and report on short literary works. Course readings will be in the genres of shorter fiction, nonfiction, poetry, drama, and the graphic novel. This course will improve students' skills in critical reading, writing, and thinking skills, which they will use throughout their academic careers. The mixed levels will give all students the opportunity to develop and polish their command of these fundamentals in the supportive environment of a summer class.

Course: SAT English (Afternoon)

Credit: 0.5 Elective

For all students entering grades 11 and 12

This is a student-centered introduction to the SAT. Based on their individual strengths and weaknesses, students will prepare a three-week personalized SAT study plan. Students will select skill areas to focus on, make decisions on how to learn, and negotiate assessment methods. As part of a learning community, students will use peer-to-peer interactions to enhance their learning. The emphasis is on making sure the students' learning efforts translate into maximum performance gains on the SAT.

Course: TOEFL iBT® Preparation (Morning)

Credit: 0.5 Elective

For all students entering grades 9–12

This course is an introduction to the TOEFL iBT. (The TOEFL iBT® test measures the ability to use and understand English at the university level.) The course aims to develop language for academic purposes in all four skill areas—reading, listening, speaking and writing. Students will build their academic vocabulary and increase their control of grammar in the context of specific TOEFL iBT tasks. They will also develop effective test-taking strategies and work on their critical-thinking skills.

Course: Let's Build You a Tribe! (Morning)

Credit: No credit

For students entering grades 9–12

This is an exciting new course that will encourage students to produce and expand their online presence. Students will explore different computing platforms and use them to build their personal online community. They will also learn about appropriate and safe uses of technology, as well as micro blogging/vlogging. In addition, there is a timely focus in teaching students how to allocate their time between their online and offline worlds.

SCIENCE

Course: Introduction to the Biomedical Sciences (Morning and Afternoon)

Credit: 0.5 Science

For all students entering grades 9–12

This course is for biology enthusiasts who want to explore the structure and workings of the human body. The approach will be skills-based and will include the following topics:

- Gross anatomy and dissection
- Human organs under the microscope
- How the body heals itself
- Research on emerging diseases and the future of medicine

No prerequisite courses are required, and the course is open to all high school students at all levels, especially those who are planning to embark on the biomedical track. However, a high level of maturity is expected with regard to handling laboratory instruments.

Course: Experimental Design for Science (Morning and Afternoon)

Credit: 0.5 Science

For all students entering grades 9–12

The distinguishing feature of science is its dependency on experimentation. In this course, students will learn how to design and perform experiments safely, write a report based on the expectations of the RIS Science Department, and analyze data to draw valid conclusions and predictions. The focus of the lessons will be students performing various experiments, mainly of a physical science nature.

MUSIC

Course: Guitar and Songwriting (Morning and Afternoon)

Credit: 0.5 Performing Arts

For students entering grades 9–12

This course will accommodate beginning and advanced guitar students. Both acoustic and electric guitars are welcome. Students will learn how to read chord charts, use guitar tabs, and use software. Students will be given basic instruction on *Garageband*[®] and have the opportunity to record their own songs using this application. They will also have the opportunity to practice writing their own songs as well as prepare for a group performance that will take place at the end of the course.

MATHEMATICS

Course: Mathematics Enrichment (Morning)

Credit: 0.5 Mathematics

For all students entering grades 10–12

This course is suitable for students who are confident in their mathematical abilities and who may be entering an accelerated mathematics class, an IB course, or an AP course. This is an intensive program for outstanding high school students who are excited about doing mathematics. The goal is to develop our talented youth by providing a challenging course in a unique learning environment.

Course: Mathematics Reinforcement (Morning)

Credit: 0.5 Mathematics

For all students entering grades 9–12

This course is suitable for students who feel the need to revisit some of the mathematics they encountered during the previous school year in order to be more prepared for the coming school year. This reinforcement course fosters:

- technology skills
- applications of algebra
- statistical measures
- modeling situations

Course: SAT Math (Morning)

Credit: 0.5 Mathematics

For students entering grades 10–12

This course stresses the fundamentals of mathematics that are tested on the SAT as well as the critical-thinking skills necessary to score well on these tests. After reviewing the basics, the students will focus on the wording and main concepts that recur most frequently. Each student will work with several sections from the most recent SATs given. The instructor will provide guided practice in using a calculator to arrive at the correct answers and will help students become familiar with student-generated response-type questions. Actual SAT tests will be practiced and their individual components will be reviewed. Weekly assessments will be provided for each student.

VALUES

Course: Values 11: Ethics (Morning)

Credit: 0.5 Values

For students entering grade 11

This grade 11 Values course will focus on ethical theories and how these theories can be applied to issues in the 21st century. Each ethical theory will be critically examined, in particular its strengths and weaknesses, and its real-life applicability will be investigated. By the end of this course, students will be able to look at moral issues from many different angles and analyze the ethics of their actions.

Course: Values 12: Philosophy of Responsibility (Afternoon)

Credit: 0.5 Values

For students entering grade 12

This course introduces and examines various studies that are considered to have philosophical roots. A few of the main questions that will be studied during this class are: What is a person? What is a meaningful life? What is a just society? While asking these questions, the students will reflect on

their own lives and their personal existence in society. The exploration of these topics will be based on personal interaction with the course content through various exercises and activities.

PHYSICAL EDUCATION

Course: Fitness Training (Morning and Afternoon)

Credit: 0.5 PE

For all students entering grades 9–12

Using the same SHAPE standards as the PE program throughout the regular school year, this course will focus on improving or maintaining fitness with an emphasis on health-related components of fitness. Activities will include resistance training, circuit training, yoga, Pilates, fitness walking/running, kickboxing, Zumba, Crossfit, aerobics, plyometrics, and other exercises that increase the heart rate to improve personal fitness levels. Students will take a pre-, during, and post-fitness test, continually setting goals for improvement. They will learn to design and implement a fitness plan and understand the correlation between intensity and results.

VISUAL ARTS

Course: Art (Morning and Afternoon)

Credit: 0.5 Art (Students can receive Art credit only once during summer school)

For students entering grades 9–12

This course introduces students to the elements and principles of art. Students will learn and apply the elements and principles of art to produce artwork that reflects their understanding of these concepts. Students will then explore and experiment with various techniques and media. As part of the course, students will learn critical-analysis skills and will need to use a web-based platform to reflect on their process and product. This course fulfills the Art 1 requirement; students should therefore not take regular school Art 1.

TECHNOLOGY

Course: VEX Robotics HS Summer School (Afternoon)

Credit: 0.5 Elective

For students entering grades 9–12

Students are tasked with designing and building a robot in teams to play against other students in a game-based engineering challenge. Classroom STEM (Science, Technology, Engineering, and Math) concepts are put to the test as students learn lifelong skills of teamwork, leadership, communication, and more. Students who take this summer school course can go on to join the RIS Robotics Team during the school year and take part in national competitions. No previous robotics experience is needed, and students of all abilities are welcome to join this not-to-be-missed summer school opportunity that is available this year. Assessment is based on several practical skills-based tasks as well as an engineering notebook and journal.

Course: Introduction to Computer Programming (Morning)

Credit: 0.5 Elective

For students entering grades 9–12

This course will introduce the basics of computer programming. It will focus on the practical application of the Python 3.7 programming language to solve daily problems such as file organization and web searching, using “Automate the Boring Stuff with Python” as a text. This course requires no prior computer programming experience.

LANGUAGES

Course: Thai Research and Service (Afternoon)

Credit: 0.25 Elective

For all students entering grades 9–12

This course is designed to prepare students to take Thai Research and Service. Students will learn how to do research for their 5,000-word essay on a topic of interest in Thai studies that follows the IB Extended Essay format. In addition, community service organizations will be introduced. During this course, students will learn how to plan and write a 500-word reflective essay.

Once your course selections have been approved by Mr. Paul Thompson, you must pay your course fees at the Finance Office. Summer School fees are 34,000 baht for a full day and 17,000 for a half day. If you have any questions, please see Mr. Paul Thompson in H513 or email: pault@rism.ac.th.

*** Please check these course listings regularly for updates. New courses are sometimes added, while current courses may be dropped due to low enrollment.**