New Course Proposals
Brief Descriptions
2018-2019

Global Scholars III

Global Scholars III is the culminating course for the Global Scholars Program. The course teaches global fluency in cross-curricular areas through inquiry-based practices. The course is designed to acknowledge students who demonstrate global competencies above and beyond the curriculum requirements. Students will select a global issue, create a plan for how they can make a difference on this issue, and implement their plan. The four categories of competencies that will be assessed are: investigating the world, recognizing perspectives, communicating ideas, and taking action. The credit is 0.5, and the course uses a Blended Learning format.

TWHS, WKHS, and Linworth
Credit: .5
One year
Grade 11

Spanish Foundations Year 1

This course is designed for students at the high school level who have not completed a middle school 1A or 1B Spanish Course, Students in Spanish Foundations Year 1 acquire vocabulary and grammar in order to understand and produce written and spoken Spanish. Students will appreciate the impact of Spanish-speaking cultures and language through multiple experiences and projects. The ability to understand, read, write, and speak Spanish will be expanded as students work with authentic materials.

TWHS, WKHS
Credit: 1.0
Grades 9, 10, 11, or 12

Spanish Foundations Year 2

This course is designed for students at the high school level who have completed Spanish Foundations Year 1 successfully, or who need more of a Spanish Foundation prior to taking Spanish 2. Students in Spanish Foundations Year 2 will continue to acquire vocabulary and grammar in order to understand and produce written and spoken Spanish. Students will appreciate the impact of Spanish-speaking cultures and language through multiple experiences and projects. The ability to understand, read, write, and speak Spanish will be expanded as students work with authentic materials.

TWHS, WKHS
Credit:1.0
Grades 9, 10, 11, or 12

IB Mathematical studies SL

This course is for students with varied backgrounds and abilities. The content of the course focuses on fundamental math concepts including: numbers and algebra, descriptive statistics, logic, sets, probability, geometry, trigonometry, statistics, models, introduction to calculus. The course will enable students to: develop logical, critical and creative thinking, develop an understanding of the principles and nature of the subject, employ and refine their powers of abstraction and generalization, develop patience and persistence in problem solving, appreciate the consequences arising from technological developments, transfer skills to alternative situations and to future developments, communicate clearly and confidently in a variety of contexts, enjoy the courses and develop an appreciation of the elegance, power and usefulness of the subjects, appreciate the multiplicity of cultural and historical perspectives of mathematics.

WKHS
Credit: 1
Grades 11, or 12

Environmental Science

Environmental Science surveys key topic areas including the application of scientific process to environmental analysis; ecology; energy flow; ecological structures; earth systems; and atmospheric, land, and water science. Topics also include the management of natural resources and analysis of private and governmental decisions involving the environment. Students learn that political and private decisions about the environment and the use of resources require accurate application of scientific processes, including proper data collection and responsible conclusions.

TWHS, WKHS
Credit: 0.5
Grades 11, or 12

Astronomy

Astronomy introduces students to the composition and structure of the universe. Astronomy is the scientific study of the contents of the entire Universe. This course provides the student with a study of the universe and the conditions, properties, and motions of bodies in space. The content includes, but is not limited to, historical astronomy, astronomical instruments, the celestial sphere, the solar system, the earth as a system in space, the earth/moon system, the sun as a star, and stars.

TWHS, WKHS
Credit: 0.5
Grades 11, or 12

Biomedical Science

This course provides an introduction to biomedical science through exciting hands-on projects and problems. Students investigate concepts of biology and medicine as they explore health conditions including heart disease, diabetes, sickle-cell disease, hypercholesterolemia, and infectious diseases. The activities and projects in this course introduce students to human physiology, basic biology, medicine, and research processes and allow students to design experiments to solve problems. Key biological concepts, including maintenance of homeostasis in the body, metabolism, inheritance of traits, and defense against disease are embedded in the curriculum.

TWHS, WKHS
Credit: 0.5
Grades 11, or 12

Forensics

Forensics focuses on the collection, identification and analysis of crime scene evidence. Emphasis will be placed on the methods that link suspect, victim, and crime scene. Laboratory exercises will include fingerprinting, handwriting analysis, ballistics, blood typing, hair and fiber examination, and DNA analysis. Case studies and current events will be explored. This course will focus upon evidence based reasoning skill.

TWHS, WKHS
Credit: 0.5
Grades 11, or 12

Fashion and Interior Design

In this course, students will study the visual appearance of fabric and fashion design. Students will identify, analyze and apply production processes and techniques to textiles. Additional topics will include the maintenance and alterations of textiles products, including home interior accessories and garments.

TWHS
Credit: .5
Grades 9, 10, 11, or 12

Strand 1: Career Development
Develop skills in professionalism, leadership and communication, as applied to career planning and entrepreneurship, to succeed in educational and professional settings.
Strand 4. Personal Finance and Consumerism
Develop skills to achieve personal financial wellness and become an educated consumer.
Strand 6. Design
Apply the principles of design to interior and exterior spaces and textiles.
Strand 7. Living Environment
Develop knowledge and skills to maintain a healthy living environment.

Course Name Changes
2018-2019

The name changes do not change the content or credits for each class.

ELA Course Name Changes:
CCSS ELA 7 to ELA 7
CCSS Enriched ELA 7 to Enriched ELA 7
CCSS ELA 8 to ELA 8
CCSS Enriched ELA 8 to Enriched ELA 8
CCSS ELA I to ELA I
Honors CCSS ELA I to Honors ELA I
CCSS ELA II to ELA II
Honors CCSS ELA II to Honors ELA II
CCSS ELA III to ELA III
CCSS ENGLISH LANGUAGE ARTS II+ BIOLOGY to English Language Arts II + Biology
EL CCSS ELA I to EL ELA I
EL CCSS ELA II to EL ELA II
EL CCSS ELA III to EL ELA III
EL CCSS ELA IV to EL ELA IV

Math Course Name Changes:
CCSS Math 7 to Math 7
CCSS Accelerated Math 7 to Accelerated Math 7
CCSS Math 8 to Math 8
CCSS 8th Grade Math 1 to 8th Grade Math 1
CCSS Math I to Math I
CCSS Math 1A to Math 1A
CCSS Math 1B to Math 1B
CCSS Math II to Math II
Honors CCSS Math II to Honors Math II
CCSS Math III to Math III
Honors CCSS Math III to Honors Math III