

# HILLTOP HIGH SCHOOL SUMMER PROGRAM COURSE SELECTION

## COURSE SELECTION

The following pages contain a list of courses available as well as a brief description of the course content.

### MATH

<b>Math 10-3</b>	8 Modules, 5 Credits
<b>Math 20-3</b>	7 Modules, 5 Credits
<b>Math 10C</b>	7 Modules, 5 Credits
<b>Math 20-1</b>	7 Modules, 5 Credits
<b>Math 20-2</b>	7 Modules, 5 Credits

### ENGLISH

<b>English 10-2</b>	7 Modules, 5 Credits
<b>English 20-2</b>	6 Modules, 5 Credits
<b>English 10-1</b>	7 Modules, 5 Credits
<b>English 20-1</b>	7 Modules, 5 Credits

### SCIENCE

<b>Science 14</b>	4 Modules, 5 Credits
<b>Science 24</b>	4 Modules, 5 Credits
<b>Science 10</b>	4 Modules, 5 Credits
<b>Biology 20</b>	8 Modules, 5 Credits
<b>Chemistry 20</b>	7 Modules, 5 Credits
<b>Physics 20</b>	8 Modules, 5 Credits

### SOCIAL STUDIES

<b>Social Studies 10-2</b>	6 Modules, 5 Credits
<b>Social Studies 20-2</b>	7 Modules, 5 Credits
<b>Social Studies 10-1</b>	6 Modules, 5 Credits
<b>Social Studies 20-1</b>	6 Modules, 5 Credits

## **MISCELLANEOUS**

**CALM**

4 Modules, 3 Credits

### **OPTIONS and CTS (Career & Technology Studies)**

#### **Experimental Psychology 30**     20 Projects, 3 Credits

This course examines the history and theories of the field of psychology and applies it to real-life situations.

**No exam**

#### **Forensic Science 25**                    6 Modules, 3 Credits

This course is designed for students who have completed Science 10 or 14. Content includes the collection and analysis evidence from crime scenes, the principles of fingerprinting, breathalyzers, polygraphing, and DNA analysis. A major component is an analysis of real crime scene cases including Laci Peterson murder, the infamous John Dillinger, the Zodiac killer, the O.J. Simpson case, the Atlantic Child Murders, and the tragic death of Princess Diana. Forensic Science 25 must be ordered through ADLC.

**Prerequisite: Science 10 or Science 14**

**Final exam**

#### **Forensic Science 35**                    Modules, 3 Credits

This course is designed as a Grade 12 option for students who have successfully completed Science 10 or 14. The course content includes forensic anthropology, forensic entomology, forensic toxicology, ballistics, police protective equipment, police dogs, arson investigation, and criminal profiling. A major component of the course is an analysis of real crime cases including the Romanov remains, the Washington sniper shootings, Clifford Olson, Ted Bundy, and Geoffre Dahmer.

**Prerequisite: Science 10 or Science 14**

**Final exam**

#### **General Psychology 20**                11 Lessons, 3 Credits

This course provides a general background in psychology including the history, the principles of learning and thinking, along with various emotional problems and behavioral disorders.

**No exam**

**HCS 3000**

“Workplace Safety Systems” 1 Module, 1 Credit

Students gain the attitudes, knowledge and skills related to workplace health and safety and examine relevant legislation required in the workplace.

**Pre-requisite: Work Experience 15, 25, 35**

**Final exam**

**HCS 3010**

“Workplace Safety Practices”

Students explore workplace safety principles and practices, and apply these principles and practices to a variety of contexts.

**Pre-requisite: RAP Program**

**Final exam**

**World Geography 30**

13 Projects, 3 Credits

World Geography 30 is a project-based course in which students study world patterns of population and settlement, man kinds use of the earth, and the patterns of physical elements of geography. **No exam**

**Learning Strategies 15**

4 modules, 5 credits

Learning Strategies is a course designed to assist high school students in developing understandings, literacies, skills and values to be successful learners across all subject areas. This course directly involves students in response to their needs and in respect to their courses of study. In collaboration with teachers, educational assistants, peers and parents, support is engaged and strategies are introduced, developed and applied. Progressively, students gain confidence, realize independence and achieve success in subject areas.

**Learning Strategies 25**

4 modules, 5 credits

Students will reflect on, strengthen and continue to apply learning strategies with increasing confidence.

**Learning Strategies 25**

4 modules, 5 credits

Students will apply learning strategies with increased independence for successful high school completion and in preparation for lifelong learning, transition to postsecondary education, and/or the world of work.