



Catalog 2020-2021



January 15, 2020

Table of Contents

[What is QuEST?](#)

[QuEST Guidelines](#)

[Asynchronous Course Overview](#)

[Asynchronous Course Descriptions](#)

What is QuEST?

QuEST is the name of the Knox County Schools Distance Learning Program. It stands for **Quality Education for Students using Technology**.

It is online classes with teacher recorded materials.

QuEST affords high school students an opportunity to engage in more classes than their school alone might be able to offer.

Because university classes and industry certification programs rely more heavily on the online learning format, we need to provide an opportunity for our students to experience a different way of teaching and learning while we are still able to provide the appropriate developmental supports.

We are always looking for new classes, and we want to support teachers who are willing to be pioneers in this endeavor.

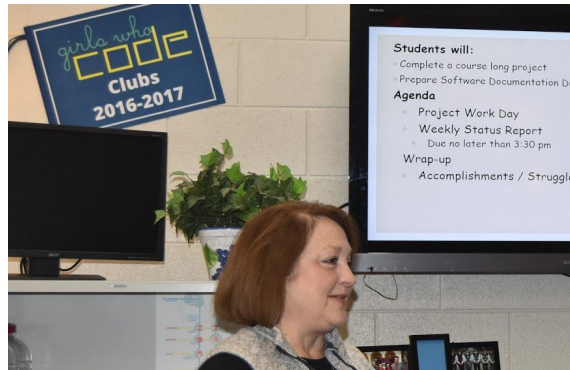
For additional information please contact:

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QuEST Coordinator

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QuEST Guidelines

What makes a good QuEST student?

- Self-Motivated
- Not needing prompting from the teacher of record
- Organized
- Capable of keeping up with all assignments

If the student is not self-motivated, please do not put them in a QuEST class.

Special Requirements

- Meeting face to face with the teacher of record at his/her request
- Example: Spanish 2 course, students are required to take a pre-test and pass with at least 80%.

Please take special note of these requirements listed at the end of the course description. They are bold, italicized, and in orange.

**Please know that the descriptions in this catalog may be changed as the new pink book descriptions are updated.*

Course Catalog Overview

Class	Course Code	Time Offered	When Offered	Anticipated Teacher
SOCIAL STUDIES				
AP European History	34410500Q	Online	Full Year	Ron Martinez
CP Psychology/Sociology	34330300Q/ 34320300Q	Online	Fall 2021 Spring 2021	Laura St Clair
AP Psychology	34470500Q	Online	Full Year	Chris Ottinger
AP World History	34490500Q	Online	Full Year	Shasta Todd
CAREER AND TECHNICAL EDUCATION				
Web Design Foundations	61000000Q	Online	Fall 2020 Spring 2021	Trina Polston
ENGLISH				
Sci-Fi Literature	29010060Q	Online	Full Year1	Keith Leonard
Appalachian/Southern Literature	29010020Q	Online	Fall 2020 Spring 2021	Melissa Sandling
WORLD LANGUAGES				
Latin 1	30310000Q	Online	Fall 2020 Spring 2021	Christopher Webb
Latin 2	30320000Q	Online	Fall 2020 Spring 2021	Christopher Webb
Honors Chinese 1	30910400Q	Online	Fall 2020	Frank Chen
Honors Chinese 2	30920400Q	Online	Spring 2021	Frank Chen
MATH				
CP Statistics	31360000Q	Online	Fall 2020 Spring 2021	Lindsay Davis
SCIENCE				
Honors Organic Chemistry	32260400Q	Online	Full Year	Glenn Arnold

COURSE DESCRIPTIONS: ASYNCHRONOUS CLASSES

All course descriptions following are from the high school progression plan. Please make note that the descriptions may change as the courses are updated for the upcoming year.

Check back frequently!

SOCIAL STUDIES

AP EUROPEAN HISTORY

This course provides an in-depth study of the development of Western European history. The course is designed to increase the knowledge of European political, social, economic, and intellectual history of the nations of Western Europe. The student will gain a better understanding of the problems faced by people at a given time, relate these problems to the present, and attempt to find solutions. This course follows the College Board guidelines and is taught at the college level. (Prerequisite: Departmental Recommendation) *This class will meet one evening per month, most likely on Mondays from 4:15-5:45 pm.*

January 15, 2020

CP PSYCHOLOGY

Psychology is a one-half credit course. Students will study the development of scientific attitudes and skills, including critical thinking, problem-solving, and scientific methodology. Students will also examine the structure and function of the nervous system in humans, the processes of sensation and perception, lifespan development, and memory, including encoding, storage, and the retrieval of memory. Students will look at perspectives of abnormal behavior and categories of psychological disorders, including treatment thereof. Students will elaborate on the importance of drawing evidence-based conclusions about psychological phenomena and gain knowledge on a wide array of issues on both individual and global levels. Students will examine social and cultural diversity as well as diversity among individuals. Throughout the course, students will examine connections between content areas within psychology and relate psychological knowledge to everyday life while exploring the variety of careers available to those who study psychology.

CP SOCIOLOGY

Sociology is a one-half credit course. Students will explore the ways sociologists view society and how they study the social world. Students will examine culture, socialization, deviance, and the structure and impact of institutions and organizations as well as selected social problems and how change impacts individuals and societies. The standards reflect those recommended by the American Sociological Association.

AP PSYCHOLOGY

AP Psychology is a one credit, semester-long course (equivalent to 90 days of instruction) and is designed to introduce students to the systematic and scientific study of the behavior and mental processes of human beings and other animals. Students are exposed to the psychological facts, principles, and phenomena associated with each of the major subfields within psychology. They also learn about the ethics and methods psychologists use in their science and practice. Prerequisite: Departmental Recommendation. *Face-to-face meetings required periodically.*

AP WORLD HISTORY

Students will study the rise of the nation-state in Europe, the origins and consequences of the Industrial Revolution, political reform in Western Europe, imperialism across the world, and the economic and political roots of the modern world. Students will explain the causes and consequences of the great military and economic events of the past century, including the World Wars, Great Depression, Cold War, and Russian and Chinese Revolutions. Students will study the rise of nationalism and the continuing persistence of political, ethnic, and religious conflict in many parts of the world. Students will explore geographic influences on history, with attention to political boundaries that developed with the evolution of nations from 1750 to the present and the subsequent human geographic issues that dominate the global community. Additionally, students will examine aspects of technical geography and how these innovations continuously impact geopolitics in the contemporary world. This course is a continuation of the 6th and 7th-grade survey courses of world history and geography and is designed to help students think like historians, focusing on historical concepts in order to build a foundational understanding of the world. Appropriate primary sources have been embedded in the standards in order to deepen the understanding of world history and geography. Special emphasis will be placed on the contemporary world and its impact on students today.

CAREER AND TECHNICAL EDUCATION

WEB DESIGN

Web Design Foundations is a course that prepares students with work-related web design skills for advancement into postsecondary education and industry. The course is intended to develop fundamental skills in both theory and practical application of the basic web design and development process, project management and teamwork, troubleshooting and problem solving, and interpersonal skill development. Laboratory facilities and experiences simulate those found in the web design and development industry; where interaction with a “client” is indicated in the standards, it is expected that students’ peers or the instructor may serve as mock clients in lieu of an actual relationship with an industry partner. Upon completion of this course, proficient students will be prepared for more advanced coursework in the Web Design program of study. Standards in this course are aligned with Tennessee State Standards for English Language Arts & Literacy in Technical Subjects and Tennessee State Standards in Mathematics.

Prerequisite(s): Computer Science Foundations, Algebra I, & Geometry.

Credit: 1 - Grade Level 10

ENGLISH

GENRE LITERATURE/ SCI-FI

In Genre Literature, students will be given the opportunity to develop deeper thematic critical reading skills through additional reading experiences of two or more literary genres. Students will explore the thematic elements and various styles and plot elements of various literary genres, including Ancient Literature, Appalachian and Southern Literature, Modern Literature, Mystery and Suspense Literature, Mythology, Science Fiction and Shakespeare. *The course also requires a monthly meeting after school with the instructor. This session can be online or in-person.*

GENRE LITERATURE/ APPALACHIAN/SOUTHERN LITERATURE

In Genre Literature, students will be given the opportunity to develop deeper thematic critical reading skills through additional reading experiences of two or more literary genres. Students will explore the thematic elements and various styles and plot elements of various literary genres, including Ancient Literature, Appalachian and Southern Literature, Modern Literature, Mystery and Suspense Literature, Mythology, Science Fiction and Shakespeare.

WORLD LANGUAGES

LATIN 1

For students who are interested in acquiring knowledge of the Roman language and culture. The curriculum includes the development of vocabulary, grammar, and translation skills and the study of the historical and cultural values of Rome and its continuing contributions to western civilization. Recommended for 9th-grade students who read and perform language arts skills on or above grade level, and for any students in grades 10-12 who need to meet the two-year college entrance requirement.

LATIN 2

For students who are interested in developing the skills learned in Latin 1. The curriculum includes further study of Latin grammar, language, history, and culture of the Romans. Students who have successfully completed Latin 1 or who have demonstrated proficiency as determined through a language proficiency test or through teacher recommendation are eligible to take this course.

HONORS CHINESE 1 LEVEL 1 HONORS

Chinese I Honors is a beginning course. It is designed to develop a student's basic Chinese proficiency. In Chinese I Honors, you will be introduced to the Chinese language and culture and will learn the elements of basic conversational Chinese. Emphasis will be on developing communicative proficiency in the areas of speaking and listening. You will also learn about traditions, families, and schools in Chinese-speaking countries. Most importantly, you will begin your journey towards learning a critical language considered by the US government which gives you a variety of opportunities in the future. *This class is designed for non-native speakers of Chinese. Heritage speakers will not be eligible to sign up. This class meets one time each week with the instructor (Dr. Chen) at Hardin Valley Academy.*

HONORS CHINESE 2 LEVEL 2 HONORS

This course is designed for those who have finished Chinese 1 Honors and are motivated to learn more about Mandarin Chinese and Chinese culture. The focus of the course, in addition to the emphasis on the areas of speaking and listening in the first year, will be on the composition of characters so students will be prepared for reading and writing. Chinese II will cover approximately 300 Chinese characters. *This class is designed for non-native speakers of Chinese. Heritage speakers will not be eligible to sign up. This class meets one time each week with the instructor (Dr. Chen) at Hardin Valley Academy.*

MATH

CP STATISTICS

Statistics is non-calculus in its orientation and designed to introduce students to the major concepts and tools for collecting, analyzing, and drawing conclusions from data. The major themes in Statistics include: interpreting categorical and quantitative data, conditional probability and other rules of probability, using probability to make decisions, and making inferences and justifying conclusions. Statistics is intended for students interested in business, social sciences, education, and data analysis. Prerequisites: Algebra 2.

SCIENCE

HONORS ORGANIC CHEMISTRY

This course is an introduction to organic chemistry. The course includes nomenclature, structure and reactions, in-depth treatment of biological molecules such as proteins, lipids and numerous metabolic processes such as glycolysis, gluconeogenesis, and the central dogma will make up the biochemistry portion of the course. (Prerequisites: Chemistry 1 and Biology 1) *The State Board of Education has approved this course through 2024.*