



*Quinsigamond Community College (QCC) and Worcester State University  
Free College Courses for Worcester Public School Students  
Early College Worcester Fall 2023*

*Fall Semester -September 6, 2023 – December 19, 2023*

**On QCC Campus Tues/Thurs 1:30-2:50pm**

**ALH 102 – Introduction to Medical Terminology – 3 Credits**

**Tues/Thurs 1:30-2:50PM**

This course provides a basic foundation for students interested in the allied health field. Emphasis is on analyzing word parts and learning basic prefixes, suffixes and word roots. The course also highlights the body systems: basic anatomy and physiology, including terms used in diseases and surgical procedures.

**Prerequisites:** 2.7 GPA/Counselor Rec

Register for this course here: <https://forms.gle/iXysMu8y2hqHUuxN8>

**CSC 101 – Introduction to Programming Using Python – 3 Credits**

**Tues/Thurs 1:30-2:50PM**

This course introduces analytical thinking and problem solving using the Python programming language. Python is a modern language popular in many scientific and engineering disciplines. Students learn key concepts that help them learn how to work with data in their disciplines. This course covers basic logic operations, creating reusable and generic functions, and the use of data structures to represent the components of a problem. Topics include control structures, iterators, functions, and basic data structures, such as list, dictionary, file, etc., which are common in many programming languages. Students implement, comment, test, and debug programs through class assignments.

Register for this course here: <https://forms.gle/iXysMu8y2hqHUuxN8>

**FYE 102 – Healthcare First Year Experience – 3 Credits**

**Tues/Thurs 1:30-2:50PM**

First year students who want success and direction in their college experience gain practical skills that are directly applied to selection of a healthcare college major and future healthcare career paths. Students gain effective learning strategies and information on how to navigate and use college procedures and resources. This course emphasizes self-discovery, the workplace, life decisions, and career/future planning within a multicultural framework. Students identify their abilities and explore their values, interests, motives, motivations, behaviors, personalities, and interaction styles. Students acquire and develop skills for healthcare career planning, job searching and understanding healthcare job requirements/satisfaction. Students develop an e-portfolio that integrates information developed through the self-assessment and healthcare career development process.

Register for this course here: <https://forms.gle/iXysMu8y2hqHUuxN8>

**HST 104 – World History I: Beginning to 1500 – 3 Credits**

**Tues/Thurs 1:30-2:50PM**

This course examines the world's ancient and pre-modern peoples, cultures, and civilizations. It emphasizes themes such as the development of agriculture and rise of civilization, formation of empires, development of religions, and economic and cultural interaction between regions of the world

**Prerequisites:** ENG 101

Register for this course here: <https://forms.gle/iXysMu8y2hqHUuxN8>

**IMG 102 – Introduction to Game Design – 3 Credits**

**Tues/Thurs 1:30-2:50PM**

This course provides students an overview of the theoretical, aesthetic, and practical elements of game design pre-production. Through a series of creative exercises, lectures, and classroom critiques, students will gain an understanding of the fundamental skills required in character development, storyboarding, scripting, creation strategies, camera angles, lighting, and editing game design pre-production for a variety of purposes and audiences. Assignments are completed using industry-standard software and hardware.

**Prerequisites:** 2,7 GPA/Counselor Rec

Register for this course here: <https://forms.gle/iXysMu8y2hqHUuxN8>

**MGT 101 – Introduction to Business – 3 Credits**

**Tues/Thurs 1:30-2:50PM**

This course provides a broad overview of the business world. Students learn to apply basic business concepts and principles to a variety of business situations. Topics include business terminology, the legal forms of business organizations, the impact of the economy on business, and the basic functions of management including marketing, banking and financing, accounting, and technology. Credits: 3

**Prerequisites:** 2.7 GPA/Counselor Rec

Register for this course here: <https://forms.gle/iXysMu8y2hqHUuxN8>

**SCI 104 – Climate and Weather: Causes and Effects – 3 Credits**

**Tues/Thurs 1:30-2:50PM**

The focus of this course is the science related to weather and climate, how humans affect weather and climate, and weather and climate's effect on humans. Students use basic laws and theories of physics and chemistry to describe and explain the composition, structure, and energy distribution of Earth's atmosphere plus atmospheric phenomena, such as global warming/cooling, the greenhouse effect, ozone depletion, air pollution, severe storms, rainbows, auroras, weather, and climate. Students examine climate change and techniques to measure climate change and compare Earth's atmosphere to that of other planets.

**Prerequisites:** 2.7 GPA/Counselor Rec

Register for this course here: <https://forms.gle/iXysMu8y2hqHUuxN8>

**SOC 101 – Introductory Sociology (Principles) – 3 Credits**

**Tues/Thurs 1:30-2:50PM**

This course introduces basic theories and vocabulary of sociology including its historical origins and research process. It examines the major principles that govern the structure and function of society, its institutions, groups, and processes. Students learn how societies meet or do not meet the social, psychological, economic and everyday needs of their members. The course emphasizes making connections between students' personal lives and the social change occurring around them.

**Prerequisites:** 2.7 GPA/Counselor Rec

Register for this course here: <https://forms.gle/iXysMu8y2hqHUuxN8>

**THA 102 – Stage Movement – 3 Credits**

**Tues/Thurs 1:30-2:50PM**

This course examines the basic techniques of movement with emphasis on developing each student's potential for effective physicalization of character. This course focuses on tempo, rhythm, period movement, mask, Mythic Gesture; personal mannerisms and their essence are defined and explored.

Register for this course here: <https://forms.gle/iXysMu8y2hqHUuxN8>

**On QCC Campus Tues/Thurs 4:00-5:20pm**

**HUM 101 – Critical Thinking and Problem Solving – 3 Credits**

**Tues/Thurs 4:00-5:20PM**

This course focuses on the development of reasoning and problem-solving skills by analyzing controversial public issues and practical everyday problems. Students explore problem solving strategies, argumentation, cultural differences in reasoning, inductive and deductive logic, cause and effect reasoning and the role of perception in thinking. Other topics include studying the scientific method, propaganda, manipulation of language in advertising and political speeches, and the use of emotional appeals in public discourse. Students write argumentative essays to explore different facets of the course topics.

**Prerequisites:** Placement into college level English

**PHI 131 – Introduction to Ethics**

**Tues/Thurs 4:00-5:20PM**

This course focuses on philosophical principles for human action. Students critically examine major issues in ethics, morality, and values such as: What is a human act? To what extent are we free and have choices? What is the nature of responsibility? What constitutes happiness, good, and evil?

**Prerequisites:** Placement into college level English

Register for this course here: <https://forms.gle/iXysMu8y2hqHUuxN8>

**PSY 101– Introduction to Psychology – 3 Credits**

**Tues/Thurs 4:00-5:20PM**

In this survey course, the student becomes aware of and appreciates the various influences upon behavior. The topics covered include, but are not limited to, the nervous system, sensation and perception, motivation, learning, emotion, and personality. Through an investigation of these areas, within a multiplicity of cultural contexts, the student understands the diversity of the human condition.

**Prerequisites:** Placement into college level English

Register for this course here: <https://forms.gle/iXysMu8y2hqHUuxN8>

**On Campus Friday 5:00-7:00pm**

**BTT 101 Introduction to Biotechnology - 3 Credits**

**Friday 5:00-7:00PM**

The basic tenets of biotechnology including the scientific method will be presented through readings on the commercialization of recombinant DNA technology to produce therapeutic proteins and on the drug discovery process. Students will discuss the ethics, public policy issues, patent issues, career opportunities, and therapeutic promises of recombinant DNA technology. Students will also participate in a virtual drug discovery program to elucidate issues in drug discovery such as target identification, lead discovery and optimization, candidate selection, ethical clinical trials, and drug markets.

**Prerequisite:** TBD

Register for this course here: <https://forms.gle/iXysMu8y2hqHUuxN8>

**Courses Provided at the High Schools**

**ART 131 – Introduction to Drawing I – 3 Credits**

**During the school day**

This course examines the varied experiences involved in the drawing process while emphasizing an awareness of traditional disciplines. Students learn how to solve problems of surface organization and to develop the ability to analyze and translate three-dimensional space into a two-dimensional surface by using both perceptual and conceptual drawing methods.

**Course at:** Burncoat, Doherty and North

Register for this course here: <https://forms.gle/iXysMu8y2hqHUuxN8>

**ENG 101 – Composition I – 3 Credits**

**During the school day**

The course focuses on theme-based argument. Students practice and develop critical reading, thinking, and writing skills necessary for college. Students read, analyze, and summarize college level analytic arguments from various genres (popular, academic, etc.) and compose research-based analytic arguments based on the course's theme. Students become aware of writing decisions made for different audiences, purposes, and genres, with a focus on academic writing conventions. Students also learn beginning research skills, including appropriate quotation, summary, paraphrase, and documentation skills. At the end of the semester, students compile a portfolio of 15-25 pages, to include their summary, synthesis, and analysis projects.

**Prerequisites:** Placement into college level English

**Course at:** Burncoat, Claremont/UPCS, Doherty, North, South and WTHS

Register for this course here: <https://forms.gle/iXysMu8y2hqHUuxN8>

**FYE 101 – First Year Experience – 3 Credits**

**Tues/Thurs 2:30-4:15PM**

This course will help new students make a successful transition to campus, both academically and personally. The course aims to foster a sense of belonging, promote engagement in the curricular and co-curricular life of the college, develop learning strategies, establish career planning skills, and help to clarify purpose, meaning and direction.

**Course at:** Burncoat, Claremont, North, South and WTHS

Register for this course here: <https://forms.gle/iXysMu8y2hqHUuxN8>

**SPN 111 – Beginning Spanish I – 3 Credits**

**During the day**

This course introduces the fundamentals of the Spanish language. Students examine brief readings on the everyday aspects of the contemporary Spanish-speaking world. Students use common conversation, tell time, make comparisons, discuss the weather, and recognize and use basic tenses for common verbs. Previous knowledge of Spanish is not necessary.

**Course at:** Doherty