

*Quinsigamond Community College (QCC) – Spring 2021 Semester
January 20 to May 11*

Name _____ High School _____

Tues/Thu 2:30-3:45 Remote (Synchronously)

BSL 101 –Business Law I - 3 Credits

This course examines law and society; the operation of law as it reflects the mores of human relations; and the ethics of business, criminal, and tort law with special emphasis on the law of contracts. Topics include the general principles of the law assigned, the nature of the United States legal system, the trial process, and the sources of law available. Students analyze court decisions and learn to apply the law both in fact situations and in reasoning in gray areas.

Business Pathway

Tues/Thur 2:30-3:45 Remote (Synchronously)

CRJ 102 Terrorism and Homeland Security - 3 Credits

This course covers the fundamentals of preparing an organization and community for terrorism in the 21st century. Areas of study include the concept of threat assessment, prevention, mitigation, and response. Students learn about crisis and consequence management, and the methods used to plan for and respond to domestic terrorist incidents involving nuclear, biological, or chemical weapons of mass destruction as it relates to Homeland Security.

Criminal Justice Pathway

Tues/Thurs 2:30-3:45 Remote (Synchronously)

CIS 105 Introduction to Information Technology - 3 Credits

This course provides an overview of the core aspects of information technology. The topics include: computer hardware, operating systems, application software, networks, information security, interactive media, and programming. The course focuses on defining how each IT area relates to, and interacts with, each other. Upon completion of the course, students have the knowledge necessary for further study in IT as well as understanding of the impact of technology on society and organizations of all types.

Tues/Thurs 2:30-3:45 Remote (Synchronously)

PSY 101 Introduction to Psychology - 3 Credits

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.

Prerequisite: ENG 091 with a grade of "C" or higher, ENG 096 with a grade of "C" or higher; or appropriate placement score. F/S/SU **General Education Pathway**

Tues/Thurs 2:30-3:45 Remote (Synchronously)

FYE 101 First Year Experience - 3 Credits

First year students who want success and direction in their college experience gain practical skills that are directly applied to selection of a college major and future 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 explore psychological theories and apply those theories to their own personal situations to formulate career/life plans. Students identify their abilities and explore their values, interests, motives, motivations, behaviors, personalities, and interaction styles. Students acquire and develop skills for career planning, job searching and understanding job satisfaction. Students develop an e-portfolio that integrates information developed through the self-assessment and career development process. **General Education Pathway**

Tues/Thu 2:30-3:45 Remote (Synchronously)

ART 131 Introduction to Drawing I - 3 Credits

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. F/S **General Education Pathway**

Friday 5:00-7:50 Remote (Synchronously)

BTT 101 Introduction to Biotechnology - 3 Credits

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:** ENG 091 with a grade of "C" or higher, ENG 096 with a grade of "C" or higher; or appropriate placement score, MAT 095 with a grade of "C" or higher; or appropriate placement score. F/S/S **Biotechnology Pathway**

Tues/Thurs 2:30-3:45 Remote (Synchronously)

MAT 122 Statistics Credits - 3

This course covers the essentials of statistics. Students learn descriptive and inferential statistics; charts (histograms, frequency polygons, ogives, and pie charts); measures of central tendency (mean, median, mode, and weighted mean); and measures of dispersion (range, variance, and standard deviation). Additional areas of study include discrete and continuous random variables; basic probability theory; the binomial distribution and its application in binomial experiments; standard and non-standard normal distributions; the Central Limit Theorem; confidence intervals for means, proportions, and variances; linear correlation and

regression; and the one sample hypotheses test for mean (large and small sample), proportions, and variances.

MAT 095 with a grade of "C" or higher; or appropriate placement score

Healthcare Pathway

Tues/Thu 2:30-3:45 Remote (Synchronously)

SPN 112 Beginning Spanish II - 3 Credits

This course is a continuation of SPN 111 Beginning Spanish I. Students continue to progress in the fundamentals of understanding, speaking, reading, and writing the Spanish language. The course emphasizes the development of reading skills through the study of enjoyable, short, and timely articles on contemporary life and culture in the Spanish-speaking world. The course covers more complex verb and pronoun forms.

Prerequisite: SPN 111. F/S

Tues/Turs 2:30-3:45 Remote (Synchronously)

MAT 100 College Algebra - 3 Credits

This course continues the areas of study presented in Intermediate Algebra with more advanced treatment. Students perform arithmetic operations on rational expressions; solve equations with fractions; factor expressions; simplify complex fractions; simplify exponential expressions, roots, radicals, and rational exponents; solve linear systems using several techniques; use the midpoint and distance formulas; recognize and graph the equation of a circle; solve linear and absolute value inequalities; solve quadratic equations by completing the square and by using the quadratic formula; solve equations containing radicals or absolute values; and perform arithmetic operations on radical expressions and complex numbers.

Prerequisite: MAT 099 with a grade of "C" or higher; or appropriate placement score. F/S/SU

M/T/W/T/F- 8:13-9:00AM at Doherty

ENG 102 Composition II - 3 Credits

In Composition II, students produce a minimum of four essays of carefully crafted prose. Student writers practice integrating and citing readings from academic disciplines, including literature; their research-based documented essays are expected to reflect the ethical standards of formal argument.

Prerequisite: ENG 101. F/S/SU

M/T/W/T/F 7:20-8:09AM at Doherty

ART 132 Introduction to Drawing II - 3 Credits

This course introduces instrumental and perspective drawing, including free application of mechanical theories. Topics include art and design applications of techniques; proper instrument use; and parallel, angular, and three-point perspective. Students learn how to use both freehand techniques and mechanical instruments to render drawings with speed, accuracy, legibility, and neatness.

Prerequisite: ART 131. F/S

M/T/W/T/F- 8:13-9:00AM South HS
ENG 102 Composition II - 3 Credits

In Composition II, students produce a minimum of four essays of carefully crafted prose. Student writers practice integrating and citing readings from academic disciplines, including literature; their research-based documented essays are expected to reflect the ethical standards of formal argument.

Prerequisite: ENG 101. F/S/SU

M/T/W/T/F 8:00-8:52 at UPCS/Claremont
ENG 102 English Composition 1 – 3 Credits

In Composition 1, students write a minimum of four essays in multiple drafts in addition to shorter writing assignments, such as journals or discussion posts, with emphasis on audience awareness; critical thinking and reading; thesis development; organization; and grammatical correctness. Readings from various disciplines provide writing models and material for analysis of ideas. Students also evaluate, incorporate, and document sources from print, Internet, and library databases to support their writing.

Prerequisite: ENG 091 with a grade of "C" or higher; ENG 096 with a grade of "C" or higher; or appropriate placement score. F/S/SU **General Education Pathway**

M/T/W/T/F 8:52-10:16 Every other Week at WTHS
ENG 102 English Composition 1 – 3 Credits

In Composition 1, students write a minimum of four essays in multiple drafts in addition to shorter writing assignments, such as journals or discussion posts, with emphasis on audience awareness; critical thinking and reading; thesis development; organization; and grammatical correctness. Readings from various disciplines provide writing models and material for analysis of ideas. Students also evaluate, incorporate, and document sources from print, Internet, and library databases to support their writing.

Prerequisite: ENG 091 with a grade of "C" or higher; ENG 096 with a grade of "C" or higher; or appropriate placement score. F/S/SU **General Education Pathway**

M/T/W/T/F 8:52-10:16 Every other Week at WTHS
ENG 102 English Composition 1 – 3 Credits

In Composition 1, students write a minimum of four essays in multiple drafts in addition to shorter writing assignments, such as journals or discussion posts, with emphasis on audience awareness; critical thinking and reading; thesis development; organization; and grammatical correctness. Readings from various disciplines provide writing models and material for analysis of ideas. Students also evaluate, incorporate, and document sources from print, Internet, and library databases to support their writing.

Prerequisite: ENG 091 with a grade of "C" or higher; ENG 096 with a grade of "C" or higher; or appropriate placement score. F/S/SU **General Education Pathway**

M/T/W/T/F Every other week 11:35-12:58 at WTHS

MAT 121 Topics in Mathematics - 3 Credits

This course explores various areas in contemporary mathematics and consists of two components: required topics and optional topics. Required topics include mathematical patterns and problem solving, consumer finance, probability, statistics and Euclidean and transformational geometry. Optional topics may be chosen from the following: linear functions and applications; numeration systems; sets; logic; graph theory; election theory; apportionment; tessellations and fractals; and cryptography; in addition, instructors may also choose to expand upon the required topics.

Prerequisite: MAT 095 with a grade of "C" or higher; or appropriate placement score. F/S/SU
General Education Pathway

M/T/W/T/F 7:20 –8:09 at Burncoat

ENG 102 English Composition 1 – 3 Credits

In Composition 1, students write a minimum of four essays in multiple drafts in addition to shorter writing assignments, such as journals or discussion posts, with emphasis on audience awareness; critical thinking and reading; thesis development; organization; and grammatical correctness. Readings from various disciplines provide writing models and material for analysis of ideas. Students also evaluate, incorporate, and document sources from print, Internet, and library databases to support their writing.

Prerequisite: ENG 091 with a grade of "C" or higher; ENG 096 with a grade of "C" or higher; or appropriate placement score. F/S/SU **General Education Pathway**

M/T/W/T/F 7:20 –8:09 at North

ENG 102 English Composition 1 – 3 Credits

In Composition 1, students write a minimum of four essays in multiple drafts in addition to shorter writing assignments, such as journals or discussion posts, with emphasis on audience awareness; critical thinking and reading; thesis development; organization; and grammatical correctness. Readings from various disciplines provide writing models and material for analysis of ideas. Students also evaluate, incorporate, and document sources from print, Internet, and library databases to support their writing.

Prerequisite: ENG 091 with a grade of "C" or higher; ENG 096 with a grade of "C" or higher; or appropriate placement score. F/S/SU **General Education Pathway**

Worcester State University (WSU)

Spring 2021 Semester January 19 to May 4

MW 3:30-4:45 at WSU

UR-101 – Intro to Urban Studies — A broad contextual overview of urban life that examines from a systems perspective the relationship of man and his environment.

MW 1:50-3:05 at WSU

SO-100 – Intro to Sociology — The nature of group behavior and social interaction viewed through analysis of structure, norms, and values.

MW 3:30-4:45 at WSU

PO-450 – Politics of Black Hair – (100 MTC) -

Selected areas of interest to students and instructors. Topic, prerequisites and instructor are announced in advance.

MW 1:50-3:05 at WSU

AR-105 – Intro to Animation — This hands-on introductory course covers the fundamentals and aesthetics of computer animation using the Adobe AfterEffects motion graphics program.

MW 3:30-4:45 at WSU

MU-140 – World Music — An introduction to music of various cultures and continents including music of Africa, Asia, Latin America, the Middle East, and India.