JANUARY 19 – MAY 10, 2022



ART 141 Photographing People - 3 Credits <u>Link to register</u> Tue/Thu 4:00-5:30pm Remote Sync

This course covers both posed and candid photographs of people. Students learn the proper operation of various cameras (automatic, manual, and single-lens reflex, digital) and the selection of subjects, posing, and lighting. Students must supply their own photographic equipment (a working camera- can be a phone) and pay their own processing costs for prints.

BSL 101 –Business Law I - 3 Credits <u>Link to register</u> Tue/Thu 4:00 – 5:30pm Remote Sync

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

BTT 101 Introduction to Biotechnology - 3 Credits <u>Link to register</u> FRIDAYS ONLY IN PERSON: 5:00 – 7:50pm at QCC (Proof of Vaccination Needed)

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**

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CIS 111 Introduction to Microcomputer Applications - 3 Credits <u>Link to register</u> THURSDAYS ONLY: 6:00 – 8:50pm Remote Sync

This course provides an overview of common business office technology usage, including operating systems functions, Internet technologies, and productivity suites. The course focuses on basic working knowledge and hands-on experiences in word processing, spreadsheet processing, relational database processing, and presentation software. This course is the first of two in a series to assist students in preparation of the Microsoft Office Specialist (MOS) certification exam. **Microcomputer Applications Pathway**

CIS 134 Web Page Development I - 3 Credits Link to register

Tuesdays Only: 6:00 - 8:50pm Remote Sync

This course focuses on designing Web sites using HTML5/XHTML and CSS3 along with development tools such as Notepad++. Topics include creating links, image maps, using grid based layout for laying out pages, positioning elements, applying CSS for graphic design, flexbox for mobile web pages, media queries, tables, client-side forms, and insertion of audio and video files. Validation of web pages using transitional DTD, strict DTD will also be discussed. Students will work on individual assignments to create web pages/sites.

Requisite: CIS 111. F/S Computer Science Pathway

CRJ 101 Introduction to Criminal Justice - 3 Credits <u>Link to register</u> Tue/Thu 4:00 – 5:30pm Remote Sync

This course covers the philosophies and historical background of the American criminal justice system. Students discuss the organization, operation, and processes of the justice system: police, courts, and corrections. Students learn the nature of crime, the characteristics of criminals and victims, and several contemporary issues confronting each part of the system, such as the use of force by the police, changes in sentencing practices, and the growth in the prison population.

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

JANUARY 19 – MAY 10, 2022

FYE 101 First Year Experience - 3 Credits Link to register

Tue/Thu: 4:00 – 5:30pm Remote Sync

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**

FYE 102 Healthcare First Year Experience - 3 Credits <u>Link to register</u> Tues/Thu 4:00 – 5:30pm Remote Sync

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.

JANUARY 19 – MAY 10, 2022

MAT 122 Statistics Credits – 3 <u>Link to register</u>

Saturdays Only 10:00 – 12:50pm Remote Sync

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**

MUS 121 Jazz in America - 3 Credits Link to register

Tue/Thu 4:00 – 5:30pm Remote Sync

This course introduces the various forms and styles of jazz (ragtime, Dixieland, swing, bebop, and modern) and the musicians and composers of each style, including Scott Joplin, Louis Armstrong, Duke Ellington, Charlie Parker, and George Shearing. Students develop a better understanding of the sources and roots of the various jazz styles and stylists.

PSY 101 Introduction to Psychology - 3 Credits <u>Link to register</u> Tue/Thu 4:00 – 5:30pm Remote Sync

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**

JANUARY 19 – MAY 10, 2022

SCI 104 Climate and Weather: Causes and Effects - 3 Credits <u>Link to register</u> Tue/Thu 4:00 – 5:30pm Remote Sync

The focus of this course is the science related to weather and climate, how humans affect weather and climate, and weather and climates 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.

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/SU

SOC 101 Introductory Sociology (Principles) - 3 Credits <u>Link to register</u> Tue/Thu 4:00 - 5:30pm Remote Sync

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 student's personal lives and the social change occurring around them.

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

SPH 101 Speech Communication Skills - 3 Credits Link to register

SATURDAYS ONLY IN PERSON: 10:00 – 12:50pm at QCC (Proof of Vaccination Needed) This course covers organization and delivery skills, and the development of confidence necessary for effective oral communication. Students organize speeches for both specific and general audiences; and prepare and present extemporaneous and impromptu speeches on a variety on contemporary issues. Students implement principles and practices of public communication through evaluated classroom activities including the use of PowerPoint presentations.

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

JANUARY 19 – MAY 10, 2022

ENG 102 English Composition II – 3 Credits M/T/W/T/F 7:20 – 8:30am at North

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

ENG 102 Composition II - 3 Credits M/T/W/T/F- 7:20 - 8:30am at Doherty

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

ENG 102 Composition II - 3 Credits M/T/W/T/F- 7:20 - 8:30am at South

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

ENG 102 Composition II - 3 Credits M/T/W/T/F 7:20 – 8:30am at UPCS/Claremont

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

JANUARY 19 – MAY 10, 2022

ENG 102 English Composition II – 3 Credits M/T/W/T/F 7:20 – 8:30am at <u>Burncoat</u>

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

ENG 102 English Composition II – 3 Credits M/T/W/T/F 7:20 – 8:30am at WTHS

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

ART 132 Introduction to Drawing II - 3 Credits M/T/W/T/F 7:20 – 8:30am at <u>Doherty</u>

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

MAT 121 Topics in Mathematics - 3 Credits M/T/W/T/F 9:20 – 10:30am at WTHS

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**

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