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COLLEGENOW SUMMER 2024

PROGRAM STARTS - 7/15/24 - 8/15/24

TRACY NOEL

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Basic Chemistry CHEM 112 <u>Monday - Thursday - 10:00 AM - 11:55 AM</u> (<u>Online Synchronous</u>)

An introductory course designed for students who plan further study in chemistry. The course presents essential concepts in chemistry found most difficult for entering College Freshman. These concepts include the mole concept, nomenclature, stoichiometric calculations, gas laws, and solution concentration calculations.



Environmental Health Issues ENVS 200

<u>Monday - Thursday - 10:00 AM - 11:55 AM</u> (<u>Online Synchronous</u>)

This course provides the basis for understanding the widespread health problems that are linked to environment and occupational concerns, especially within urban communities. Topics include the identity and sources of air and water pollutants, the spread of these pollutants, and the harmful effects of these pollutants. The course also discusses the responsibilities of those involved with public health and the measures taken to address environmental health concerns. This specialized course emphasizes science literacy and authentic research, through hands-on experiments, analyzing scientific papers, and communicating the results of their work through poster presentation.

Intermediate Algebra & Trigonometry MTH 136

<u>Monday - Thursday - 10:00 AM - 12:40 PM</u> <u>In-Person (Subject to Change to Online Synchronous)</u>

This course is designed to provide students in general with the knowledge and skills needed for further studies in the mathematical and physical sciences as well as in such fields as accounting and finance, marketing and management. The topics to be discussed in this course include rational and polynomial expressions, graphical methods, solving equations and systems of equations by Cramer's Rule, of analytic trigonometry, exponentials and logarithms, induction, the binomial theorem, progressions, conic sections. Applications to various fields will be emphasized. Electronic calculators will be used throughout the course to perform detailed numerical calculations.



College English I ENGL 112

<u>Monday - Thursday - 10:00 AM - 11:55 AM</u> (<u>Online Synchronous</u>)

This composition course emphasizes the various types of critical and expository writing students will need in the content area courses they will take throughout their college careers.