



HIGH SCHOOL RELATIONS

HIGH SCHOOL CONCURRENT COURSE CATALOG

Early College Experience offers college credit courses to high school students in several academic areas. Course offerings are based on school requests. A complete list of college courses is available at <https://www.nwacc.edu/catalogs/default.aspx>

ARHS 1003 Art Appreciation – ECE Online

A general introduction to the visual arts. Lectures on art theory and an introduction to art history, plus demonstrations, films, slides, and field trips. Pre-requisites: 19 ACT Reading or equivalent (252 Accuplacer Next Generation Reading, 428 ASPIRE Reading)

BIOL 1544 Principles of Biology – ECE Online

An introductory college-level course that surveys various levels of organization from atoms to biomes. The course introduces students to basic principles that provide a background to understanding biological issues in society and a foundation for further study. Topics of study include the scientific method; the chemistry of life; cell structure & function, metabolism, cell reproduction, genetics, DNA structure & function, evolution, basic ecological principles. Pre-requisites: 19 ACT Reading or equivalent (252 Accuplacer Next Generation Reading, 428 ASPIRE Reading)

BLAW 2013 Legal Environment in Business

A discussion of the legal environment, contracts, dealings with goods, debts and creditors, the judicial system, and forms of business organization. Pre-requisites: 19 ACT Reading or equivalent (252 Accuplacer Next Generation Reading, 428 ASPIRE Reading)

CHEM 1054 Chemistry in the Modern World – ECE Online

A one-semester introductory course covering general inorganic, organic and biochemical concepts. The course is relevant to non-science majors and fulfills the science with lab general education requirement. Because of the breadth of topics, this course may be appropriate for students in technical programs where a one semester chemistry course is required. Pre-requisites: 19 ACT Reading or equivalent (252 Accuplacer Next Generation Reading, 428 ASPIRE Reading)

CHEM 1104 College Chemistry I

The first course of a two-semester sequence designed to provide background for further study in such majors as pre-agriculture, pre-professional, prescience, pre-engineering or mathematics. The course provides an introduction to the study of inorganic, organic, analytical, and physical chemistry from a more concentrated viewpoint than offered in CHEM 1024. 19 ACT Reading and 21 ACT Math or equivalent (252 Accuplacer Next Generation Reading, 428 ASPIRE Reading, 256 Accuplacer Next Generation Math, 243 ASPIRE Math)

CISQ 1103 Intro to Computer Information Systems – ECE Online

An orientation to the terminology and applications of computers and the Internet. Commercial software packages used will include Windows, word processing, spreadsheet, business presentations and database applications. This course will satisfy the hands-on computer requirements of most degree plans. Pre-requisites: 19 ACT Reading or



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equivalent (252 Accuplacer Next Generation Reading, 428 ASPIRE Reading)

COMM 1303 Public Speaking – ECE Online

Application of the communication techniques needed to organize and deliver oral messages in a public setting. Pre-requisites: 19 ACT Reading or equivalent (252 Accuplacer Next Generation Reading, 428 ASPIRE Reading)

ENGL 1013 English Composition I

Guiding the student through the process of writing with regular practice and analysis of effective writing, this first course of the composition sequence emphasizes the writing of clear, concise, developed academic prose.

Generally, students are expected to follow the rules of Standard Edited English, to understand paragraph development, and to write a research assignment involving the integration of sources. Pre-requisites: 19 ACT Reading and 19 ACT English or equivalent (252 Accuplacer Next Generation Reading, 428 ASPIRE Reading; 260 Accuplacer Next Generation Writing, 428 ASPIRE English)

ENGL 1023 English Composition II

This course continues the writing, reading, research and critical thinking skills developed in Composition I. Students will write in multiple genres and gain further practice in the analysis, interpretation, and evaluation of complex texts. Pre-requisites: Successful completion of English Composition I (C or better), or AP Language and Composition score of 3 or higher.

HIM 1403 Medical Terminology – ECE Online

In depth presentation of medical language which will serve a solid foundation for students interested in health care, medicine, nursing, pharmacy, physical therapy, or related careers. Medical Terminology for the health and disease is presented in relation to human structure and function. This course of study builds a framework by introducing the key elements in the formation as well as the modification of medical terms which then is applied to the specific body systems. 19 ACT Reading or equivalent (252 Accuplacer Next Generation Reading, 428 ASPIRE Reading)

HIST 2003 History of the American People to 1877 – ECE Online

Exploration of aspects in American history beginning with European backgrounds; discovery and settlement; concluding with the Civil War and Reconstruction. This survey encompasses the constitutional, political, social and economic development of the United States prior to 1877. 19 ACT Reading or equivalent (252 Accuplacer Next Generation Reading, 428 ASPIRE Reading)

HIST 2013 History of the American People since 1877 – ECE Online

Exploration of aspects in American history from Reconstruction to the second half of the Twentieth Century. This survey encompasses the constitutional, political, social and economic development of the United States since 1877. Particular emphasis will be placed on the rise of the United States as an industrial and world power. 19 ACT Reading or equivalent (252 Accuplacer Next Generation Reading, 428 ASPIRE Reading)



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HLSC 1002 Wellness Concepts – ECE Online

Interrelationship of mental, emotional, physical, social, and spiritual aspects of functioning to optimal health and wellness; implications for education about wellness in the schools and for adult living are provided. 19 ACT Reading or equivalent (252 Accuplacer Next Generation Reading, 428 ASPIRE Reading)

HLSC 1103 Personal Health and Safety – ECE Online

Discussion of health and safety problems with emphasis on the promotion of individual health and safety concepts. 19 ACT Reading or equivalent (252 Accuplacer Next Generation Reading, 428 ASPIRE Reading)

MATH 1203 College Algebra – ECE Online

An overview of the fundamental concepts of algebra. Topics include linear and quadratic equations and inequalities; the Cartesian plane and graphing using graphing utility functions, graphs and models; polynomial and rational functions; exponential and logarithmic functions; systems of equations, inequalities and matrices; and sequences and series. 19 ACT Reading and 21 ACT Math or equivalent (252 Accuplacer Next Generation Reading, 428 ASPIRE Reading, 256 Accuplacer Next Generation Math, 243 ASPIRE Math)

MATH 1213 Plane Trigonometry

A survey of basic trigonometric concepts. Topics include a review of functions and graphs, the trigonometric functions, graphs of trigonometric functions, inverse trigonometric functions, trigonometric identities and equations, applications of trigonometry, complex numbers, a review of exponential and logarithmic functions, and polar coordinates and equations. Pre-requisites: Successful completion of College Algebra (C or better) or 24 ACT Math and 19 ACT Reading or equivalent.

MATH 2053 Finite Mathematics

A survey and applications course in mathematics designed for business, life science, and social science students. Topics include a review of using a graphing utility, linear models, systems of linear equations, matrices, linear programming, the simplex method, set theory, probability, counting principles, statistics, and finance mathematics. Pre-requisites: Successful completion of College Algebra (C or better) or 24 ACT Math and 19 ACT Reading or equivalent.

PLSC 2003 American National Government – ECE Online

The organization, functions, institutions, and problems of the federal government will be studied including the United States Constitution, Congress, the Presidency and federal bureaucracy, and the judicial system. Additional study will be given to political parties, public opinion, interest groups, voting and elections, Supreme Court decisions, and other political aspects and activities of government. 19 ACT Reading or equivalent (252 Accuplacer Next Generation Reading, 428 ASPIRE Reading)

PSYC 2003 General Psychology – ECE Online

An investigation into basic principles and theories of behavior in the areas of learning, memory, perception, development, biological basis of behavior, motivation and emotion, personality, stress, abnormal behavior and social and interpersonal relationships. 19 ACT Reading or equivalent (252 Accuplacer Next Generation Reading, 428 ASPIRE Reading)



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SOCI 2013 General Sociology – ECE Online

A general introduction to the basic concepts, theories, and perspectives of society. Topics include the nature of society and the foundations of social interaction and social life, including social groups, social class, social institutions, and social change. Emphasis is placed on current research in sociology, globalization, diversity, and multiculturalism. 19 ACT Reading or equivalent (252 Accuplacer Next Generation Reading, 428 ASPIRE Reading)