

2016-2017 MOWR Concurrent Enrollment (CEP) Courses By High School

Concurrent Enrollment (CE) provides high school students the opportunity to take college-credit courses through MOWR that are taught by high school teachers. The high school teacher is also a credentialed Wiregrass college instructor. CE instructors are approved through the college's Academic Affairs department. CE courses are taught on the high school campus during the regular school day. Many CE credits will transfer to a student's future postsecondary institution. CE courses through MOWR are available to all 9-12th graders. Students wishing to enroll in the program should complete the MOWR Application Packet.

Brooks County High School

HIST 2111: U.S. History I

Credit Hours: 3

Prerequisite : Degree Level Reading and Writing Scores

Corequisite : None

Emphasizes the study of U. S. History to 1877 to include the post-Civil War period. The course focuses on the period from the Age of Discovery through the Civil War to include geographical, intellectual, political, economic and cultural development of the American people. It includes the history of Georgia and its constitutional development. Topics include colonization and expansion; the Revolutionary Era; the New Nation; nationalism, sectionalism, and reform; the Era of Expansion; and crisis, Civil War, and reconstruction.

HIST 2112: U.S. History II

Credit Hours: 3

Prerequisite : Degree Level Reading and Writing Scores

Corequisite : None

Emphasizes the study of the social, cultural, and political history of the United States from 1865 to the beginning of the twenty-first century and will equip the student to better understand the problems and challenges of the contemporary world in relation to events and trends in modern American history. The course also provides an overview of the history of Georgia and the development of its constitution. Topics include the Reconstruction Period; the great West, the new South, and the rise of the debtor; the Gilded Age; the progressive movement; the emergence of the U. S. in world affairs; the Roaring Twenties; the Great Depression; World War II; the Cold War and the 1950's; the 1960's and 1970's; and America since 1980.

MATH 1111: College Algebra

Credit Hours: 3

Prerequisite : Degree Level Math Scores

Corequisite : None

Emphasizes techniques of problem solving using algebraic concepts. Topics include fundamental concepts of algebra, equations and inequalities, functions and graphs, and systems of equations; optional topics include sequences, series, and probability or analytic geometry.

MATH 1113: Precalculus

Credit Hours: 3

Prerequisite : MATH 1111 with a "C" or better

Corequisite : None

Prepares students for calculus. The topics discussed include an intensive study of polynomial, rational, exponential, logarithmic, and trigonometric functions and their graphs. Applications include simple maximum and minimum problems, exponential growth and decay.

Coffee High School

ALHS 1040: Introduction to Health Care

Credit Hours: 3

Prerequisite : Provisional Admission

Corequisite : None

Introduces a grouping of fundamental principles, practices, and issues common in the health care profession. In addition to the essential skills, students explore various delivery systems and related issues. Topics include: basic life support/CPR, basic emergency care/first aid and triage, vital signs, infection control/blood and air-borne pathogens.

ALHS 1090: Medical Terminology for Allied Health Sciences

Credit Hours: 2

Prerequisite : Provisional Admission

Corequisite : None

Introduces the elements of medical terminology. Emphasis is placed on building familiarity with medical words through knowledge of roots, prefixes, and suffixes. Topics include: origins (roots, prefixes, and suffixes), word building, abbreviations and symbols, and terminology related to the human anatomy.

Cook High School

HIST 1111: World History I

Credit Hours: 3

Prerequisite : Degree Level Reading and Writing Scores

Corequisite : None

Emphasizes the study of intellectual, cultural, scientific, political, and social contributions of the civilizations of the world and the evolution of these civilizations during the period from the prehistoric era to early modern times. Topics include the Prehistoric Era the Ancient Near East, Ancient India, Ancient China, Ancient Rome, Ancient Africa, Islam, the Americas, Japan, Ancient Greece, the Middle Ages, and the Renaissance.

HIST 1112: World History II

Credit Hours: 3

Prerequisite : Degree Level Reading and Writing Scores

Corequisite : None

Emphasizes the study of the intellectual, cultural, scientific, political, and social contributions of the civilizations of the world and the evolution of these civilizations during the period from early modern times to the present. Topics include transitions to the Modern World, scientific revolution and the Enlightenment, political modernization, economic modernization, imperialism, and the Twentieth Century.

Fitzgerald High School

ALHS 1011: Structure and Function of the Human Body

Credit Hours: 5

Prerequisite : Program Admission

Corequisite : None

Focuses on basic normal structure and function of the human body. Topics include general plan and function of the human body, integumentary system, skeletal system, muscular system, nervous and sensory systems, endocrine system, cardiovascular system, lymphatic system, respiratory system, digestive system, urinary system, and reproductive system.

ALHS 1060: Diet and Nutrition for Allied Health Sciences

Credit Hours: 2

Prerequisite : Program Admission

Corequisite : None

A study of the nutritional needs of the individual. Topics include: nutrients, standard and modified diets, nutrition throughout the lifespan, and client education.

ALHS 1090: Medical Terminology for Allied Health Sciences

Credit Hours: 2

Prerequisite : Provisional Admission

Corequisite : None

Introduces the elements of medical terminology. Emphasis is placed on building familiarity with medical words through knowledge of roots, prefixes, and suffixes. Topics include: origins (roots, prefixes, and suffixes), word building, abbreviations and symbols, and terminology related to the human anatomy.

AUTT 1010: Introduction to Automotive Technology

Credit Hours: 2

Prerequisite : Provisional Admission

Corequisite : None

Introduces basic concepts and practices necessary for safe and effective automotive shop operations. Topics include: safety procedures; legal/ethical responsibilities; general service; hand tools; shop organization, management, and work flow systems.

AUTT 1021: Automotive Electrical Systems I

Credit Hours: 4

Prerequisite : None

Corequisite : AUTT 1010

Introduces automotive electricity, emphasizes the basic principles, diagnosis, and service/repair of batteries, starting systems, starting system components, and basic lighting systems.

ECCE 1101: Introduction to Early Childhood Care and Education

Credit Hours: 3

Prerequisite : Provisional Admission

Corequisite : None

Introduces concepts relating the responsibilities and procedures involved in a variety of early childhood care situations. Topics include historical perspectives; professionalism; guidance; developmentally appropriate practices; learning environment (including all children); cultural diversity; and licensing, accreditation, and credentialing.

ECCE 1103: Child Growth and Development

Credit Hours: 3

Prerequisite : Provisional Admission

Corequisite : None

Introduces the student to the physical, social, emotional, and cognitive development of the young child (prenatal through 12 years of age). The course provides for competency development in observing, recording, and interpreting growth and development stages in the young child; advancing physical and intellectual competence; supporting social and emotional development; and examining relationships between child development and positive guidance. Topics include developmental characteristics, prenatal through age 12, developmental guidance applications, observing and recording techniques, ages and stages of development, and introduction to children with special needs.

ECCE 1105: Health, Safety and Nutrition

Credit Hours: 3

Prerequisite : Provisional Admission

Corequisite : None

Introduces the theory, practices, and requirements for establishing and maintaining a safe, healthy learning environment. Topics include CPR and first aid, health issues, safety issues, child abuse and neglect, and nutritional needs of children.

ENGL 1101: Composition and Rhetoric

Credit Hours: 3

Prerequisite : (ENGL 0098 or Test Score) AND (READ 0098 or Test Score)

Corequisite : None

Explores the analysis of literature and articles about issues in the humanities and in society. Students practice various modes of writing, ranging from exposition to argumentation and persuasion. The course includes a review of standard grammatical and stylistic usage in proofreading and editing. An introduction to library resources lays the foundation for research. Topics include writing analysis and practice, revision, and research. Students write a research paper using library resources and using a formatting and documentation style appropriate to the purpose and audience.

ENGL 2130: American Literature

Credit Hours: 3

Prerequisite : ENGL 1101 w/ a "C" or better

Corequisite : None

Emphasizes American literature as a reflection of culture and ideas. A survey of important works in American literature. Includes a variety of literary genres: short stories, poetry, drama, nonfiction, and novels. Topics include literature and culture, essential themes and ideas, literature and history, and research skills.

NAST 1100: Nurse Aide Fundamentals

Credit Hours: 6

Prerequisite : Program Admission

Corequisite : None

Introduces student to the role and responsibilities of the Nurse Aide. Emphasis is placed on understanding and developing critical thinking skills, as well as demonstrating knowledge of the location and function of human body systems and common disease processes; responding to and reporting changes in a residents /patients condition, nutrition, vital signs; nutrition and diet therapy; disease processes; vital signs; observing, reporting and documenting changes in a residents condition;

emergency concerns; ethics and legal issues and governmental agencies that influence the care of the elderly in long term care settings; mental health and psychosocial well-being of the elderly; use and care of mechanical devices and equipment; communication and interpersonal skills and skills competency based on federal guidelines. Specific topics include: roles and responsibilities of the Nurse Aide; communication and interpersonal skills; topography, structure, and function of the body systems; injury prevention and emergency preparedness; residents rights; basic patient care skills; personal care skills; and restorative care.

SPAN 1101: Introduction to Spanish I

Credit Hours: 3

Prerequisite : Program Admission

Corequisite : None

A beginner's introduction to the Spanish language and culture. This course stresses the student's ability to acquire a non-native language and to communicate effectively in the target Spanish language. Emphasis is placed on reading, writing, and speaking the language. An overview of Hispanic society is also emphasized, highlighting the differences between American and Hispanic cultures. Not open to native speakers of Spanish.

SPAN 1102: Introduction to Spanish II

Credit Hours: 3

Prerequisite : SPAN 1101

Corequisite : None

A continuation of SPAN1101 that advances the student's acquisition of the target language and understanding of cultural difference between American and Hispanic cultures. Emphasis is placed on improving effective communication skills in the areas of reading, writing, and speaking the Spanish language. Not open to native speakers of Spanish.

Georgia Christian School

MATH 1111: College Algebra

Credit Hours: 3

Prerequisite : Degree Level Math Scores

Corequisite : None

Emphasizes techniques of problem solving using algebraic concepts. Topics include fundamental concepts of algebra, equations and inequalities, functions and graphs, and systems of equations; optional topics include sequences, series, and probability or analytic geometry.

Highland Christian School

EMPL 1000: Interpersonal Relations and Professional Development

Credit Hours: 2

Prerequisite : Provisional Admission

Corequisite : None

Emphasizes human relations and professional development in today's rapidly changing world that prepares students for living and working in a complex society. Topics include human relations skills, job acquisition skills and communication, job retention skills, job advancement skills, and professional image skills.

Lanier County High School

ENGL 1101: Composition and Rhetoric

Credit Hours: 3

Prerequisite : (ENGL 0098 or Test Score) AND (READ 0098 or Test Score)

Corequisite : None

Explores the analysis of literature and articles about issues in the humanities and in society. Students practice various modes of writing, ranging from exposition to argumentation and persuasion. The course includes a review of standard grammatical and stylistic usage in proofreading and editing. An introduction to library resources lays the foundation for research. Topics include writing analysis and practice, revision, and research. Students write a research paper using library resources and using a formatting and documentation style appropriate to the purpose and audience.

ENGL 1102: Literature and Composition

Credit Hours: 3

Prerequisite : ENGL 1101 w/ a "C" or better

Corequisite : None

Emphasizes the student's ability to read literature analytically and meaningfully and to communicate clearly. Students analyze the form and content of literature in historical and philosophical contexts. Topics include reading and analysis of fiction, poetry, and drama; research; and writing about literature.

ENGL 2130: American Literature

Credit Hours: 3

Prerequisite : ENGL 1101 w/ a "C" or better

Corequisite : None

Emphasizes American literature as a reflection of culture and ideas. A survey of important works in American literature. Includes a variety of literary genres: short stories, poetry, drama, nonfiction, and novels. Topics include literature and culture, essential themes and ideas, literature and history, and research skills.

Valdosta High School

BFMT 1030: Fundamentals of Structured Maintenance

Credit Hours: 4

Prerequisite : None

Corequisite : None

Provides introductory skills in basic building repair and maintenance. Topics include: carpentry and cabinet repairs, tile and floor repairs, paints and finishes, lab and shop safety, building codes, handicap accessibility, conduit installation, and waterproofing.

CARP 1000: Fundamental Carpentry Skills

Credit Hours: 4

Prerequisite : Provisional Admission

Corequisite : None

Fundamental Carpentry Skills provides the basic carpentry instruction all other carpentry skills build upon. Topics include orientation to the trade, materials and fasteners, hand and power tools, drawings and specifications, building layout, and building foundations.

CARP 1015: Structural Framing

Credit Hours: 5

Prerequisite : Provisional Admission

Corequisite : None

Structural Framing describes the layout and construction procedures for floor, wall, ceiling, and roof systems, including how to read and interpret construction drawings and specifications, and how to identify different types of framing systems, components, and system materials. It also covers how to estimate the amount of materials needed for an assembly and on some common alternative framing systems.

CARP 1025: Intermediate Carpentry Techniques

Credit Hours: 4

Prerequisite : Provisional Admission

Corequisite : COFC 1080

Intermediate Carpentry Techniques completes the "rough-in" phase of building a structure. This course includes building envelope systems, stair framing, roof coverings, thermal and moisture protection, exterior finishes, and reading commercial drawings.

COFC 1080: Construction Trades Core

Credit Hours: 4

Prerequisite : None

Corequisite : None

This course introduces the student to the basic fundamentals of the construction trades. Topics include Basic Safety, Construction Math, Hand and Power Tools, Construction Drawings, Rigging, Materials Handling, and Job-Site Communication and Work Ethic Skills.

IDFC 1007: Industrial Safety Procedures

Credit Hours: 2

Prerequisite : Provisional Admission

Corequisite : None

Provides an in-depth study of the health and safety practices required for maintenance of industrial, commercial, and home electrically operated equipment. Topics include: introduction to OSHA regulations; safety tools, equipment, and procedures; and first aid and cardiopulmonary resuscitation.

ENGL 1101: Composition and Rhetoric

Credit Hours: 3

Prerequisite : (ENGL 0098 or Test Score) AND (READ 0098 or Test Score)

Corequisite : None

Explores the analysis of literature and articles about issues in the humanities and in society. Students practice various modes of writing, ranging from exposition to argumentation and persuasion. The course includes a review of standard grammatical and stylistic usage in proofreading and editing. An introduction to library resources lays the foundation for research. Topics include writing analysis and

practice, revision, and research. Students write a research paper using library resources and using a formatting and documentation style appropriate to the purpose and audience.

ENGL 1102: Literature and Composition

Credit Hours: 3

Prerequisite : ENGL 1101 w/ a "C" or better

Corequisite : None

Emphasizes the student's ability to read literature analytically and meaningfully and to communicate clearly. Students analyze the form and content of literature in historical and philosophical contexts. Topics include reading and analysis of fiction, poetry, and drama; research; and writing about literature.

WELD 1000: Introduction to Welding Technology

Credit Hours: 3

Prerequisite : Provisional Admission

Corequisite : None

Provides an introduction to welding technology with an emphasis on basic welding laboratory principles and operating procedures. Topics include: industrial safety and health practices, hand tool and power machine use, measurement, laboratory operating procedures, welding power sources, welding career potentials, and introduction to welding codes and standards.

WELD 1010: Oxyfuel Cutting

Credit Hours: 3

Prerequisite : None

Corequisite : WELD 1000

Introduces fundamental principles, safety practices, equipment, and techniques necessary for metal heating and oxyfuel cutting. Topics include: metal heating and cutting principles, safety procedures, use of cutting torches and apparatus, metal heating techniques, metal cutting techniques, manual and automatic oxyfuel cutting techniques, and oxyfuel pipe cutting. Practice in the laboratory is provided.

WELD 1030: Blueprint Reading for Welding Technology

Credit Hours: 3

Prerequisite : None

Corequisite : WELD 1000

This course introduces the knowledge and skills necessary for reading welding and related blueprints and sketches. An emphasis is placed on identifying types of welds, and the associated abbreviations and symbols.

WELD 1040: Flat Shielded Metal Arc Welding

Credit Hours: 4

Prerequisite : None

Corequisite : WELD 1000

This course introduces the major theory, safety practices, and techniques required for shielded metal arc welding (SMAW) in flat positions. Qualification tests, flat position, are used in the evaluation of student progress toward making industrial welds.

WELD 1050: Horizon Shielded Metal Arc Welding

Credit Hours: 4

Prerequisite : None

Corequisite : WELD 1040

Introduces the major theory, safety practices, and techniques required for shielded metal arc welding (SMAW) in the horizontal position. Qualification tests, horizontal position, are used in the evaluation of student progress toward making industrial standard welds. Topics include: horizontal SMAW safety and health practices, selection and applications of electrodes, selection and applications for horizontal SMAW, horizontal SMAW joints, and horizontal SMAW to specification.

WELD 1060: Vertical Shielded Metal Arc Welding

Credit Hours: 4

Prerequisite : None

Corequisite : WELD 1040, WELD 1050

Introduces the major theory, safety practices, and techniques required for shielded metal arc welding (SMAW) in the vertical position. Qualification tests, vertical position, are used in the evaluation of student progress toward making industrial standard welds. Topics include: vertical SMAW safety and health practices, selection and applications of electrodes for vertical SMAW, vertical SMAW joints, and vertical SMAW to specification.

Wiregrass Regional College and Career Academy

EMPL 1000: Interpersonal Relations and Professional Development

Credit Hours: 2

Prerequisite : Provisional Admission

Corequisite : None

Emphasizes human relations and professional development in today's rapidly changing world that prepares students for living and working in a complex society. Topics include human relations skills, job acquisition skills and communication, job retention skills, job advancement skills, and professional image skills.

LOGI 1000: Business Logistics

Credit Hours: 3

Prerequisite : Program Admission

Corequisite : None

Provides a general knowledge of current management practices in logistics management. The focuses of the course will be on planning, organizing, and controlling of these activities, key elements for successful management in any organization. The course will also introduce student to Transport, Inventory, and Location strategies, Customer Service Goals and Organization and Control.