

CourseDescriptions

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Course Symbols

Rich Mountain Community College courses are identified by a combination three-letter department code that is followed by a three-digit course number. The department code indicates the category of the course. The first digit indicates the course level:

- 0 indicates courses which do not count toward graduation
- 1 indicates first-year, freshman-level courses
- 2 indicates second-year, sophomore-level courses.

The second digit indicates sequence in multi-semester courses. The third digit indicates the number of semester hours credit that the course carries. For example, ENG123 is an English course at the freshman level that is the second course in English Composition and that carries three semester hours of credit.

Courses Offered on Demand

Courses with descriptions followed by (Offered on demand) generally will be offered each semester there is a sufficient interest to merit it. Courses will be conducted with ten or more students.

ACCOUNTING

ACC103 Bookkeeping *3 hours credit (3 hours lecture)*
Instruction covers the bookkeeping cycle, journalizing, posting to ledger accounts, taking a trial balance, preparing an income statement and balance sheet, and making closing and adjusting entries. In addition, special journals, ledgers, and other forms required for small businesses are included. This course may not be taken for credit after the successful completion of ACC203 or ACC213. (Offered on demand)

ACC203 Principles of Accounting I *3 hours credit (3 hours lecture)*
Instruction covers accounting principles and problems as they apply to the sole-proprietorship form of business. Emphasis is placed on the accounting cycle and its implementation. This course requires at least one paper using a documentation format. (Offered in fall and spring semesters)

ACC213 Principles of Accounting II *3 hours credit (3 hours lecture)*
Prerequisite Grade C or better in ACC203 or permission of instructor
This is a continuation of Accounting I. Corporations, cost and managerial accounting, and financial statement analyzations are covered. This course requires at least one paper using a documentation format. (Offered in fall and spring semesters)

AGRICULTURE

AGR102 Orientation to *2 hours credit (2 hours lecture)*
Agriculture
A course to introduce the student to the field of agriculture. An overview of the industry today and trends in the industry. Aspects of careers in the field of agriculture will be surveyed. (Offered in fall)

AGR103 Introduction to *3 hours credit (3 hours lecture)*
Agriculture Economics
An introduction to agricultural economics including a survey of the role and characteristics of agricultural businesses in our economic system. Basic economic concepts concerning price determination, profit maximization, and resource use are emphasized. The use of economic principles as applied to production and marketing decisions made by managers in agricultural firms is demonstrated. (Offered in fall)

AGR104 Introduction to Animal and *4 hours credit*
Poultry Science *(3 hours lecture, 2 hours lab)*
A study of animal and poultry production including a study of facilities and equipment used in producing, processing, and managing animal agriculture. (Offered in fall)

AGR213 Feeds and Feeding *3 hours credit (3 hours lecture)*
Prerequisite AGR104
Principles of animal nutrition, composition, and digestibility of feeds, balanced rations, feeding of farm animals. (Offered in spring)

AGR211 Feed Identification and *1hour credit (2 hours lab)*
Formulation Laboratory
Corequisite AGR213
Identification of ingredients used in animal feeds, interpretation of feeding standards, formulation of feeds for farm animals and calculation of nutrient intake. (Offered in spring)

AGR223 Breeds of Livestock *3 hours credit (3 hours lecture)*
Prerequisite AGR104
Identification and evaluation of principle breeds of livestock. History of famous herds, flocks and individuals in selected breeds. (Offered on demand)

AGR203 Introduction to Plant *3 hours credit (3 hours lecture)*
Science

Prerequisite BIO224

An introduction to the basics of agricultural crop plant structure, growth and production. (Offered on demand)

AGR232 Introduction to Applied Entomology *3 hours credit*
(2 hours lecture, 2 hours lab)

Fundamentals of structure, function, biology, and identification of insects, typical procedures in control of representative species.

AGR233 Pest Management *3 hours credit (3 hours lecture)*

Prerequisite AGR104 and AGR203

Introduction to basic principles of pest management as they relate to vertebrate animals, insects, plant disease, and weeds. Selected pests are studied with emphasis on current management approaches and alternative pest control. (Offered on demand)

AGR243 Crop Science *3 hours credit (3 hours lecture)*

Prerequisite BIO224

Principles of crop growth, development, and utilization and how these principles relate to production. Emphasis on major agronomic crop species. (Offered on demand)

AGR241 Crop Science Laboratory *1 hour credit (2 hours lab)*

Prerequisite AGR243

or Corequisite

A series of laboratory experiments designed to reinforce principles of plant growth and development, reproduction, classification, and the utilization of plant products. Emphasis is placed on major crop plant species. (Offered on demand)

AGR253 Forage Management *3 hours credit (3 hours lecture)*

Prerequisite AGR243

Forage crops for pasture, hay, and silage with reference to growth and development, production, nutritional quality, and grazing systems. (Offered on demand)

AGR263 Soil Science *3 hours credit (3 hours lecture)*

Prerequisite: CHM114

Origin, classification, physical, chemical, and biological properties of soils. (Offered on demand)

AGR261 Soil Science Laboratory *1 hour credit (2 hours lab)*

Prerequisite or Corequisite AGR263

Field and laboratory exercises related to the study of the physical, chemical, and biological properties of soils. (Offered on demand)

AGR292 Livestock Judging and Selection *2 hours credit*
(6 hours lab per week)

Prerequisite AGR104

Comparative judging, including grading, classification, and selection of beef cattle, swine, sheep, and horses. Oral and written discussion.

AGR291 Livestock Judging Team Activity *1 hour credit*

Training for membership on judging teams through participation.

ART

The Art Department reserves the right to keep meritorious examples of students' work for exhibition.

ART002 Artistic Exploration (60+) *2 hours credit (2 hours lecture)*

This course taps into the creative nature inherent in each individual. With no prior artistic experience required, students will complete several projects. Although open to all, ART002-1 is designed specifically for the 60+ Program. Credit is non-transferable and does not appear on transcript. (Offered on demand)

ART103 Drawing I *3 hours credit (3 hours lecture)*

A study of basic techniques in drawing from life, landscape and the figure (when available) with an emphasis on composition, perspective, line, shapes and values. Introduction to the mediums of graphite, conte' and charcoal. (Offered on demand)

ART113 Drawing II *3 hours credit (3 hours lecture)*

Prerequisite ART103

This course is a continuation of Art 103 with greater emphasis on composition, along with an introduction to the medium of ink and its tools of application (brush and technical pen). (Offered on demand)

ART123 Painting I *3 hours credit (3 hours lecture)*

An introduction to color mixing in oils and methods of application on canvas using still life and landscape subjects. Exploring the potentials of oil painting with emphasis on color and composition. (Offered on demand)

ART133 Painting II *3 hours credit (3 hours lecture)*

Prerequisite ART123 or permission of instructor

A continuation of ART123 with emphasis on still life, collage techniques, and landscape. An extension of color theories, beyond local color. (Offered on demand)

ART143 Art Appreciation *3 hours credit (3 hours lecture)*

A humanities course designed to acquaint the student with the principles and elements of art, the techniques which artists utilize to create art, why artists create art; while referring to various artists, periods and styles for interpretation. This course includes occasional in-class projects designed for the NON-Art individual. This course requires at least one paper using a documentation format. (Offered in spring semester)

ART153 Public School Art *3 hours credit (3 hours lecture)*

A study of the methods and techniques required for the direction of a creative art program in the elementary schools. This course integrates numerous hands-on projects to familiarize the student with materials and mediums. (Offered in fall semester)

ART163 Design I *3 hours credit (3 hours lecture)*

An introduction to two-dimensional design. A study of the formal elements of design; i.e., line shape, texture, value, color, and their pictorial qualities and applications. (Offered on demand)

ART173 Design II *3 hours credit (3 hours lecture)*

Prerequisite ART163 or permission of instructor

A continuation of ART163 providing an introduction to batik, linoleum block print, and three-dimensional design. (Offered on demand)

ART183 Painting III *3 hours credit (3 hours lecture)*

Prerequisites ART123 and ART133 or permission of instructor

A continuation of ART 133 with emphasis on individual style. This course is an exploration of technical expressive possibilities of painting media, in student's choice of medium (oils, acrylic, watercolor, pastels). (Offered on demand)

ART203 Introduction to Clay I *3 hours credit (3 hours lecture)*

An introduction to low-fire clay utilizing electric bisque firings. Students will spend half a semester manipulating clay to create pinch, coil, slab and extruded works then rotate to half a semester on the

potters wheel learning the basics of throwing. Decoration will be by means of primitive smoke firing, lead-free underglaze, and painting. (Offered on demand)

ART213 Introduction to Clay II *3 hours credit (3 hours lecture)*
A continuation of Clay I with greater emphasis on form and function.
(Offered on demand)

ART223 Painting, Portraits and Life *3 hours credit (3 hours lecture)*
Drawing I
Prerequisites ART123 and ART133 or permission of instructor
A course designed to improve painting of the figure and portraits from live models and photographs.
(Offered on demand)

ART233 Painting, Portraits and Life *3 hours credit (3 hours lecture)*
Drawing II
Prerequisite ART223 or permission of instructor
This course is a continuation of ART223 and is designed to improve drawing and painting skills. (Offered on demand)

ART253 Introduction to Color Pencils *3 hours credit (3 hours lecture)*
Prerequisite Permission of instructor
This course is the study of basic color pencil techniques in drawing of still life, landscapes and figures from personal photographs with emphasis on blending, melting, burnishing and lifting methods in prismacolor and verithin pencils. (Offered on demand)

ART263 Special Problems in Art I *3 hours credit (3 hours lecture)*
Prerequisite Permission of instructor
Course designed for the advanced art student. A learning contract must be prepared and agreed upon by the student and the instructor. (Offered on demand)

ART273 Drawing III *3 hours credit (3 hours lecture)*
Prerequisites ART103 and ART113 or permission of instructor
This course is a continuation of ART113 and is designed to improve technical drawing skills. An introduction to silver and metal point drawings is covered in this course. (Offered on demand)

ART293 Special Problems in Art II *3 hours credit (3 hours lecture)*
Prerequisite Permission of instructor
A continuation of ART263 Special Problems in Art I. This course requires at least one paper using a documentation format.
(Offered on demand)

BIOLOGY

BIO103 Environmental Science *3 hours credit (3 hours lecture)*
Prerequisite None
The basic principles of ecology coupled with a study of those critical environmental problems challenging modern man. (Offered on demand)

BIO104 Biological Science *4 hours credit (3 hours lecture, 2 hours lab)*
Prerequisite None

BUS143 Commercial Bank Management *3 hours credit (3 hours lecture)*

This course is designed to give students a working knowledge of all aspects of commercial bank management. Topics include pertinent state and federal laws and regulations, bank operations, profitability, and human resources.

BUS203 Leadership/Ethics *3 hours credit (3 hours lecture)*

An intense study of dynamics and management principles related to effective leadership in organizations. This course emphasizes decision making and conflict management. This course requires at least one paper using a documentation format. (Offered in spring semester)

BUS213 Business Communications *3 hours credit (3 hours lecture)*

Prerequisite OFT003 or permission of instructor

A comprehensive study of correspondence used in the business world. Emphasis is placed on writing effectively for any situation and will include a variety of business documents. Students will learn the mechanics of doing research for a formal report and then give an oral report on their findings. This course requires at least one paper using a documentation format. (Offered in spring semester)

BUS223 Business Law I *3 hours credit (3 hours lecture)*

A study of the law and its applications to business activities. A basic understanding of the law is provided with the study of contracts. Other topics to be developed are bailments, sales, property law, and negotiable instruments. This course requires at least one paper using a documentation format. (Offered in fall semester)

BUS233 Business Law II *3 hours credit (3 hours lecture)*

A study of the legal foundations of business enterprise and organization, governmental regulation of business, commercial law, wills, estates, trusts, and bankruptcy law. This course requires at least one paper using a documentation format. (Offered in spring semester)

BUS243 Human Resource Management *3 hours credit (3 hours lecture)*

This course is an overview of the processes involved in human resource management. Specific attention is given to job specifications, screening, interviewing, testing, training, and supervision of employees. Disciplinary actions and legal implications are also covered. This course requires at least one paper using a documentation format. (Offered in fall semester)

BUS253 Marketing *3 hours credit (3 hours lecture)*

This course is a study of the function and role of marketing in the free enterprise system. Areas of study include pricing theory and policies, channels of distribution, promotional policies and techniques, marketing management, market research, product planning and development, consumer behavior, and career opportunities. This course requires at least one paper using a documentation format. (Offered spring semester)

BUS263 Business Statistics *3 hours credit (3 hours lecture)*

Prerequisite MTH033 or permission of instructor

Statistical methods used in studying business and economic data, averages and dispersions, probability, sampling, statistical inference, estimation, tests of hypothesis, index numbers, linear regressions, and correlation. (Offered in spring semester)

BUS273 Money and Banking *3 hours credit (3 hours lecture)*

A study of early banking regulations, the deposit function, the credit function, products and services, and the marketing of banking services. The course is designed primarily for employees in the banking industry, to satisfy partial requirements for the American Banking Institution certification. This course requires at least one paper using a documentation format. (Offered in fall semester)

BUS283 Law and Banking: Principles *3 hours credit (3 hours lecture)*

This course is a guide to banking law and legal issues, with special emphasis on the Uniform Commercial Code. Areas of study include principles of banking law, torts and crimes related to banking situations, and negotiable instruments.

BUS293 Personal Finance *3 hours credit (3 hours lecture)*

This course is an overview of the activities involved in managing personal resources. It covers financial planning, budgeting, money and tax management. Consumer credit, various types of insurance coverage, housing, and investments are presented along with retirement planning. This course requires at least one paper using a documentation format.

CHEMISTRY

CHM114 General Chemistry I *4 hours credit (3 hours lecture, 3 hours lab)*

Prerequisite Successful completion of 1 1/2 units of high school algebra **or**

Corequisite MTH203 or permission of instructor

Designed to provide the basic chemistry background necessary for students planning to take more advanced science courses. The fundamental theories of chemistry including periodic law, atomic theory, stoichiometry, equilibrium, electrochemistry, thermochemistry, and bonding and structure are covered. Descriptive chemistry is introduced to illustrate and supplement theory. (Offered in fall semester)

CHM124 General Chemistry II *4 hours credit (3 hours lecture, 3 hours lab)*

Prerequisite CHM114

A continuation of CHM114. (Offered in spring semester)

CHM134 Principles of Chemistry *4 hours credit (3 hours lecture, 2 hours lab)*

Prerequisite None

An introductory course in chemistry designed to meet the needs of students in nursing, home economics, and other non-science majors. May not be taken for credit after successful completion of CHM114. (Offered in fall semester)

CHM144 General Organic & Biochemistry *4 hours credit (3 hours lecture, 2 hours lab)*

Prerequisite CHM134 or CHM114

An introductory course in organic and biochemistry designed as a continuation of CHM134. This course likely does not count toward a major in chemistry. (Offered on demand)

SCI201 Directed Science Study *1 hour credit (2 hours lab)*

Prerequisite Permission of Instructor

An individually designed special course of study to provide a laboratory experience as an integrated part of a non-laboratory science course. This course requires at least one paper using a documentation format.

CHILD DEVELOPMENT

ECD103 Foundations and Theories of Early Childhood Education *3 hours credit (3 hours lecture)*

This course is designed to acquaint the student with the historical roles of families in their child's development. The student will become familiar with the theories early childhood education is based upon

and learn how to develop an effective program designed uniquely for children birth to five. The student will also obtain knowledge of state and federal laws pertaining to the care and education of young children. The course content is based upon guidelines established by the Council for Early Childhood Professional Recognition. This course requires at least one paper using a documentation format. (Offered in fall semester)

ECD113 Basic Child Growth and Development I *3 hours credit (3 hours lecture)*

This course is designed for prospective early childhood teachers at the undergraduate level. The primary purpose is to help students gain an understanding of the physical, intellectual, social, emotional and personality growth and development of the child for conception to age three. Current research and ideas in early childhood development will be used in conjunction with the historical approaches to examining growth and development. Field experiences with pregnant women and young children will be an integral part of this course. This course requires at least one paper using a documentation format. (Offered in spring semester)

ECD123 Environments for Young Children *3 hours credit (3 hours lecture)*

This course is designed to provide the student with a broad knowledge base on how to design a program for children developing both typically and atypically. The course provides the opportunity to plan environments that are physically and emotionally secure. The students will plan and implement activities that are age, stage and culturally appropriate for children birth to age five. The course content is based upon guidelines established by the Council for Early Childhood Professional Recognition. This course requires at least one paper using a documentation format. (Offered in spring semester)

ECD133 Practicum *3 hours credit*

Students must be employed or volunteer in a licensed childcare facility in order to apply skills learned in the previous three courses. Observation of the student's work and evaluation of student skills are conducted by instructors following the CDA standards. Students must show competence in 13 functional areas. Professional resource files and all CDA requirements must be completed during Practicum so that the student is eligible for CDA assessment. Minimum clock hours are 144. (480 hours if the student intends to assess for CDA upon completion of current semester) This course requires at least one paper using a documentation format.

COMPUTER SYSTEMS TECHNOLOGY

CSF113 Computer Forensics I *3 hours credit (3 hours lecture)*

The growth of the Internet and wide use of computers has increased the need for computer investigations. This course examines methods for conducting computer investigations. Current forensic tools are examined and applied to the control of digital evidence on various operating systems.

CSF123 Computer Forensics II *3 hour credit (3 hour lecture/lab)*

This course is designed to expose students to advanced concepts in digital/computer forensic analysis and Internet Investigations. As with Computer Forensics 1, there will be a balance of legal and technical aspects of study to achieve a balance similar to that encountered during common cases in which computer forensics are employed. (Offered on demand)

CSF124 Network and Data Security *4 hours credit (4 hours lecture)*

This course is designed to expose students to advanced concepts in digital/computer forensic analysis and Internet Investigations. As with Computer Forensics 1, there will be a balance of legal and technical aspects of study to achieve a balance similar to that encountered during common cases in which computer forensics are employed.

CST013 Survey of Computers *3 hours credit (3 hours lecture)*
This course is a developmental microcomputer course designed for persons with little or no knowledge of computers. The students are introduced to the components of microcomputer systems and their functions. Operation of microcomputer systems, including an overview of Windows is included. Computer terminology, input/output operations, and overviews of word processing, spreadsheet, and presentation graphics are covered. (Offered on demand) (Also listed under *Developmental Studies*)

CST103 Word Processing Applications *3 hours credit (3 hours lecture)*
Prerequisite OFT003 or permission of instructor
The course provides instruction in the use of WordPerfect. Topics covered include formatting, file management, block operations, merges, sorts, advanced printing, and desktop publishing. (Offered in fall and spring semesters)

CST104 Computer Maintenance I *4 hours credit (4 hours lecture/lab)*
Prerequisite CST013, or CST113 or Permission of Instructor
This course series is designed to prepare the student for entry into the workforce as a computer technician. The student is given intensive hands-on experience in the theory, operation, troubleshooting and remedial and preventative maintenance of microcomputers as used in the workplace today. This is the first in a series of courses designed to prepare the student for diagnosing and repairing modern microcomputers as commonly used in the workplace. Emphasis will be placed on preparation for acquiring the A+ certification credential.

CST113 Introduction to Computers *3 hours credit (3 hours lecture)*
Prerequisite CST013 or some experience with computers
This course is designed to give the student a fundamental understanding of hardware, software, operating systems, and an introduction to the Internet. Topics include computer organization, storage media and devices, file processing techniques, computer systems and configurations, computer-based information systems, and computer terminology. The class centers on learning to use a personal computer by introducing the student to the applications in Microsoft Office: Word, for word processing, Excel, for spreadsheets, Access, for database information and PowerPoint, for presentations. This course will include hands-on experience in the computer lab. (Offered in fall and spring semesters)

CST114 Computer Maintenance II *4 hours credit (4 hours lecture/lab)*
Prerequisites CST104
A continuation of CST104 Computer Maintenance I.

CST123 Visual BASIC Programming I *3 hours credit (3 hours lecture/lab)*
Prerequisite CST113 or permission of instructor
This course is an introduction to the Visual Basic programming language. This language is used to write programs that run under Microsoft Windows. The student will work with forms, command buttons, text boxes, labels, option buttons, check boxes, scroll bars, menus and other objects. The student will learn to write functional Windows programs by the proper utilization of Visual Basic objects and by writing the associated code. (Offered in fall)

CST124 Introduction to Programming with Java *4 hours credit (4 hours lecture/lab)*
Prerequisite CST113 or permission of instructor
This course is an introduction to the Java programming language. The course provides a conceptual understanding of object-oriented programming and teaches use of Java language object-oriented technologies to solve business problems. Students learn how to create classes, objects, and applications using the Java language. (Offered in spring and fall)

CST134 Internet Basics/Introduction to HTML Website Design *4 hours credit (4 hours lecture/lab)*

Prerequisite CST113

This course is intended to be an addition to the CST offerings which will complement the existing courses. This course will allow students to get real-world experience in gathering information, designing and implementing web pages for hire. The student will spend significant time on a semester-long project which will prepare students to create web pages for hire.

CST143 Game Programming *3 hours credit (3 hours lecture/lab)*

Prerequisite CST184

An introduction to 2D and 3D game programming using the computer programming language Java. Topics may include Web-based deployment, sprite animation, data persistence, game architecture, artificial intelligence, and multiplayer networking. (Offered in fall)

CST144 Internet Programming *4 hours credit (4 hours lecture/lab)*

Prerequisite CST134 or permission of instructor

This course focuses on the creation of dynamic content for web pages through the use of client and server side programming languages and techniques. Languages covered may include XML, Perl, Javascript, ASP, PHP, and Java. (Offered in fall)

CST153 Concepts of Operating Systems *3 hours credit (3 hours lecture/lab)*

Prerequisite Introduction to Computers or demonstrated competency with a personal computer

Introduction to computer and network operating systems. Emphasis on practical application, with discussion and practice on command prompt based systems, graphical user interface systems, and embedded systems. Practicum will include MSDOS, Windows NT, Windows 2000, Windows XP, and Linux RedHat.

CST154 Graphics Concepts *4 hours credit (4 hours lecture/lab)*

A step-to-step approach to learning the Adobe Photoshop graphic design package and a companion course to "Desktop Publishing." Content covers the Web and multimedia publications.

CST163 C ++ Programming I *3 hours credit (3 hours lecture/lab)*

Prerequisite CST113 or permission of instructor

A study of programming concepts and techniques. Topics included are binary representation of numbers and characters, data types, constants and variables, arithmetic expressions and the hierarchy of arithmetic operations, assignment statements, logical expressions, branching, loops, arrays, subprograms, input/output, linear and binary searches, and basic sorts. Programming style is introduced through pseudo code. (Offered in spring semester)

CST164 Database and Programming I *4 hours credit (4 hours lecture/lab)*

Prerequisite CST113 or Permission of Instructor

This course is the first of the Database Design and Programming with the SQL series. This course teaches the value of database design and management for today's internet-driven business environment. Analysis of complex business scenarios and creation of data models, a conceptual representation of an organization's information, are included in the scope of the course.

CST173 C ++ Programming II *3 hours credit (3 hours lecture/lab)*

Prerequisite CST163

This is a programming course that covers syntax and coding rules of the C language. Students will code, error test, and execute complete programs. (Offered on demand)

CST174 Database Design and Programming II *4 hours credit (4 hours lecture/lab)*

Prerequisite CST113 or Permission of Instructor

This course is the second of the Database Design and Programming with SQL series. The student will implement their database design by creating a physical database using SQL, the industry-standard database programming language. Upon completion, students have the opportunity to sit for the first of two exams required to earn the "Oracle Certificate Associate".

CST184 Advanced Programming *4 hours credit (4 hours lecture/lab)*
 in Java

Prerequisite CST124

This course is a continuation of Introduction to Programming with Java. The course will cover more advanced programming techniques such as sorting, searching, file input and output, and recursive algorithms. (Offered in spring)

CST193 Ethics in Technology *3 hours credit (3 hours lecture/lab)*

Prerequisite CST013, CST113 or permission of advisor

This course introduces technicians and engineers to social, legal, and ethics issues in computing and technology. Attendees of the course will discuss and discourse on privacy and information issues of trust in computing, computer crime, issues on the impact and control of computers, and issues of professional responsibility and ethics. Students will choose at least two readings in various texts exploring how technology affects the human experience, and collaboratively present online opposing viewpoint discussion as a part of the conference. Audience: technical certificate/degree seeking students, pre-engineering students preparing at RMCC, and high school students planning to attend RMCC in the computer technology program. This course requires at least one paper using a documentation format. (Offered in spring and fall)

CST203 Visual Basic Programming II *3 hours credit (3 hours lecture/lab)*

Prerequisite CST123

This course is a continuation of CST123 and will cover more advanced topics in Visual Basic. Some of the topics covered will include graphics, database access, arrays, and data types. The student will work on solving real-life problems with Visual Basic solutions. (Offered on demand)

CST204 Microsoft Windows 2000 *4 hours credit (4 hours lecture/lab)*
 Professional

Prerequisites CST113 or permission of instructor

Installing, configuring, or administering Microsoft Windows Professional. This course will prepare the student to sit for the MCSE test (#70-210) for Windows operating system. In addition, the course will use hands-on projects and lectures to emphasize the skills needed to complete the MCSE test.

CST206 CISCO Networks *6 hours credit (10 hours lecture/lab 2 hours project)*
 I

Prerequisites None required but helpful to have A+ Certification and Microsoft Office skills

Cisco I is the first semester of a two semester course in which students will learn basic technological literacy; gain an awareness of IT careers learn how to design, install, and maintain internetworks; and prepare for access to well-paying, learning-oriented jobs. This course prepares students to pass the computer industry certification exams leading to the Network+ and Cisco Certified Networking Associate credentials.

Content: OSI Model, Internetworking Devices, IP Addressing, LAN Media & Topologies, Structured Cabling, Electronics Routing Theory; Router Components; Router Setup and Startup; Router Configuration; IOS; TCP/IP; IP Addressing; Routing Protocols. Lab Skills: PC hardware & software, patch cables, installation of structured cabling; use of test equipment Router Configuration; associated hardware and software tools and techniques.

Other Skills: maintaining engineering journal; cable management techniques working in engineering teams, self and project management.

CST213 Microsoft Server *3 hours credit (3 hours lecture/lab)*

Prerequisites CST113 or Permission of Instructor

The main goal of this course is to provide students with a comprehensive understanding of Microsoft Windows Server and to prepare students to tackle server administration. Another goal is to prepare students for Windows certification exam. Students have the opportunity to apply their knowledge through hands-on projects and case study assignments.

CST214 E-Business/E-Commerce *4 hours credit (4 hours lecture/lab)*

This course is designed to give the student a fundamental understanding of what is involved in starting up and operating an Internet business. Topics covered include Introduction to Electronic Business, The Internet and the Web:

Electronic Commerce Infrastructure, Tools for Electronic Business, Electronic Business Software, Security, Electronic payment system (EPS), Marketing and Promotion, Purchasing and Support, Auctions, Portals and Committees, International, Legal, Ethical and Tax Issues, and Planning the Electronic Business. This course requires at least one paper using a documentation format.

CST216 CISCO Networks II *6 hours credit (10 hours lecture/lab 2 hours project)*

Prerequisites None required but helpful to have A+ Certification and Microsoft Office skills

Cisco II is the second semester of a two semester course in which students will learn basic technological literacy; gain an awareness of IT careers, learn how to design, install, and maintain internetworks and prepare for access to well-paying, learning-oriented jobs. This course prepares students to pass the computer industry certification exams leading to the Network+ and Cisco Certified Networking Associate credentials.

Content: Review of 1st Semester, LAN switching, VLANs, LAN Design, IGRP, Access Lists, VLANs, WANs, WAN Design; PPP; ISDN; Frame Relay; all CCNA Exam-related learning objectives.

Lab Skills: Increasingly sophisticated router configuration (IGRP, Access Lists, IPX); switch configuration; network troubleshooting skills.

Other Skills: maintaining engineering journal; cable management techniques working in engineering teams, self and project management.

CST223 Data Structures in Java *3 hours credit (3 hours lecture/lab)*
Prerequisite CST184

A study of data structures concepts and implementation in Java. The data structures used include linked lists, stacks, queues, recursion, binary trees, and hashing techniques. Also examined is the identification of the appropriate use of data structures from data characteristics. (Offered in fall)

CST224 Microsoft Windows Network Infrastructure *4 hours credit (4 hours lecture/lab)*

Prerequisites CST113 or Permission of Instructor

The main goal of this course is to provide students with a comprehensive understanding of Microsoft Windows Server and to prepare students to tackle server administration. Another goal is to prepare students for Windows certification exam. Students have the opportunity to apply their knowledge through hands-on projects and case study assignments.

CST233 Desktop Publishing *3 hours credit (3 hours lecture/lab)*
Prerequisite CST113

A broad-based, problem solving approach to learning desktop publishing skills using Microsoft Publisher.

CST234 Fundamentals of Unix *4 hours credit (4 hours lecture/lab)*
Prerequisite CST113

This course is designed to give the student a fundamental understanding of the Linux operating system. It provides thorough preparation for the Comp TIA Linux+ Certification Exam and covers the essentials of installing, configuring, maintaining, administering, and troubleshooting the Linux Operating System. Some topics include lanning, Installing and Running a Linux System, Using Graphical Systems with

Linux, The Shell and Text Files, The Role of the System Administrator and Basic Administration Tasks, Managing System Resources.

CST243 Microsoft Windows Directory Services *3 hours credit (3 hours lecture/lab)*

Prerequisites CST113, CST204 or Permission of Instructor

The main goal of this course is to provide students with a comprehensive understanding of Microsoft Windows Server and to prepare students to tackle server administration. Another goal is to prepare students for Windows certification exam. Students have the opportunity to apply their knowledge through hands-on projects and case study assignments.

CST244 Internship *4 hours credit*

Prerequisite Minimum of 12 hours of CST coursework

This course provides students with the opportunity to learn by working and to gain valuable real-world experience. Internship assignments are set up with businesses in either a virtual or an actual mode and require 8 hours of work per week to fulfill the course requirements. Reporting and supervision requirements are set up beforehand with the student, the intern advisor and the employer. This course requires at least one paper using a documentation format.

CST253 Computerized Accounting *3 hours credit (3 hours lecture/lab)*

Prerequisites CST113 and ACC203

The computer is utilized to provide the student with reinforcement in learning accounting concepts and principles. Instruction in fundamental computer operation is given so that the student may be knowledgeable in utilizing available accounting software. (Offered in fall and spring semester)

CST263 Databases for Websites *3 hours credit (3 hours lecture/lab)*

Prerequisite CST134

This course will provide in depth coverage of relational databases and their use in web services. Topics will include relational database structure and design, SQL, and database-to-web interaction using languages such as PHP. (Offered in spring)

CST264 Advanced Website *4 hours credit (4 hours lecture/lab)*

Prerequisite Design
CST134

This course is a continuation of CST134 Internet Basics / HTML. This course will focus on advanced design techniques such as Cascading Style Sheets and Dynamic HTML and is structured to develop and fine tune the student's ability to produce professional websites.

CST273 Spreadsheet Applications *3 hours credit (3 hours lecture/lab)*

Prerequisite Completion of Beginning Algebra or an ASSET of 40 or above on Elementary Algebra exam

This course provides the student with a fundamental understanding of the popular business software program, Excel. Course content includes creating, modifying, and printing spreadsheets as well as utilizing spreadsheets to solve problems. Graphing, database operations, and Excel macros are also covered. (Offered in fall and spring semesters)

CST283 Database Applications *3 hours credit (3 hours lecture/lab)*

Prerequisite CST113 or permission of instructor

This course will cover the principles and practical applications of database management software for microcomputers. The student will gain knowledge and proficiency in the use of database software through class lecture and through lab exercises with various database problems. (Offered in fall and spring semesters)

CST294 Networking Essentials *4 hours credit (4 hours lecture/lab)*
Prerequisite CST113 or permission of instructor
This course provides the students with a fundamental understanding of networking computers. Some of the topics covered will include network design, networking media, network hardware, network communications, protocols, network administration and network troubleshooting. This course is designed to help the student pass the Network+ certification exam offered by CompTia. (Offered in fall and spring semesters)

CRIMINAL JUSTICE

CRJ103 Introduction to Criminal Justice *3 hours credit (3 hours lecture)*
A study of the Criminal Justice System designed to introduce the student to the various segments of the system, such as the police, prosecution, courts, probation, parole, and corrections. This course requires at least one paper using a documentation format. (Offered on demand)

CRJ113 Criminal Justice Internship *3 hours credit (3 hours lecture)*
Prerequisite CRJ103
The aim of this course is an attempt to bring training and education into a more meaningful relationship, by providing a planned program of research, observation, study, and work in an approved institution and/or agency. The program is designed to assist the student in selecting that segment of the appropriate field which may ultimately become the career of their choice. Additionally, the program is aimed toward more mature individuals who are presently employed in a segment of one of the three areas and wish to broaden their knowledge of the system, or individuals who may contemplate getting into another segment of the system by making a career change. The intern program is designed to supplement classroom study with constructive participation in their chosen area. Under the dual supervision of the faculty and practitioners, the student has an opportunity to apply techniques and procedures to situational experiences in his/her chosen area of study. (Offered on demand)

CRJ126 Part-Time II/Auxiliary Officer *6 hours credit (6 hours lecture)*
Prerequisite Student must be sponsored by law enforcement agency
This course is designed to satisfy the classroom and firing-range requirements set forth by the Arkansas Commission Law Enforcement Standards and Training, which upon satisfactory completion, will allow the student to serve in a Part-Time II/Auxiliary Officer capacity with their respective law enforcement agency. (Offered on demand)

CRJ133 Juvenile Crime and Delinquency *3 hours credit (3 hours lecture)*
A study covering the philosophy of the juvenile justice system and how it has evolved in the United States; an analysis of juvenile delinquent behavior, problems, causes, and preventions; emphasis is directed to the role of the family, police, courts, school, and other justice officials in controlling and sanctioning juvenile crime and delinquency. This course requires at least one paper using a documentation format. (Offered on demand)

DEVELOPMENTAL STUDIES

Courses in developmental studies do not satisfy the math or English requirements for a degree. Grades for these courses are not computed in the GPA.

CSO102 College Success Orientation *2 hours credit (2 hour lecture)*
This course provides a brief, but intensive review of strategies for success in college. Content will cover success strategies for college students including study skills, time management, memory techniques, textbook reading, note taking, test taking, and research techniques. This course will be required for all degree seeking students. This course requires at least one paper using a documentation format. *This course carries credit hours to be used as an elective in an Associate Degree.* (Offered each semester)

CST013 Survey of Computers 3 hours credit (3 hours lecture/lab)

This course is a developmental microcomputer course designed for persons with little or no knowledge of computers. The students are introduced to the components of microcomputer systems and their functions. Operation of microcomputer systems, including an overview of Windows is included. Computer terminology, input/output operations, and overviews of word processing, spreadsheet, and presentation graphics are covered. (Offered on demand) (also listed under *Computer Systems Technology*)

ENG013 Basic English I 3 hours credit (3 hours lecture)

A course designed to increase basic grammar, sentence structure, and writing skills. The course is a requirement for all entering students whose test scores reflect a need for further development of writing skills to prepare for college success. Updated cut-off scores are in the Placement Information Table in the RMCC catalog. Students will concurrently enroll in Intensive Writing Lab I for individualized lab work to supplement their instruction in class. This course requires at least one paper using a documentation format. (Offered in fall and spring semesters) (Also listed under *English*)

ENG023 Basic English II 3 hours credit (3 hours lecture)

A course designed to increase basic grammar, sentence structure, and writing skills. The course is a requirement for all entering students whose test scores reflect a need for further development of writing skills to prepare for college success. Updated cut-off scores are in the Placement Information Table in the RMCC catalog. Students will concurrently enroll in Intensive Writing Lab II for individualized lab work to supplement their instruction in class. This course requires at least one paper using a documentation format. (Offered in fall and spring semesters) (Also listed under *English*)

Students will progress according to the following criteria:

1. A student who successfully completes Basic English I (ENG 013) with a “C” or better will enroll next in Basic English II (ENG 023).
2. A student who successful completes Basic English II (ENG 023) with a “C” or better will enroll next in English Composition I (ENG 113)
3. Any student who successfully completes Basic English I (ENG 013) may have one attempt at the COMPASS test to be exempted from Basic English II (ENG 023). The student must make the appropriate cut-off score for English Composition I (ENG 013) as indicated by the Placement Information Table in the RMCC catalog on page 24.

MTH013 Basic Math 3 hours credit (3 hours lecture)

This course is designed primarily as a refresher course for those students who lack in basic skills and who need a review of the fundamentals. The content of this course includes the fundamental operations of whole numbers, fractions, decimals, percents, ratio and proportion, statistics, applications for business and consumers, the metric system, rudimentary geometry, and introductory algebra. (Offered in fall and spring semesters) (Also listed under *Mathematics*)

MTH023 Beginning Algebra 3 hours credit (3 hours lecture)

Prerequisite Grade C or better in MTH013 or a minimum score of 41 on the COMPASS Pre-Algebra Placement Exam or 17 on the mathematics section of the ACT (see p. 24)

This course is designed primarily for those students who do not have a unit of high school algebra or whose proficiency in mathematics may have declined during the years absent from formal schooling. The content includes real numbers and their applications, variable expressions, solving general equations, solving equations involving practical applications, operations of polynomials, and special products and factoring of polynomials. (Offered in fall and spring semesters) (Also listed under *Mathematics*)

MTH033 Intermediate Algebra 3 hours credit (3 hours lecture)

Prerequisite Grade C or better in MTH023 or a minimum score of 31 on the COMPASS Algebra Skills Placement Exam or 18 on the mathematics section of the ACT (see page 18)

This course is designed to prepare students for college-level mathematics. Course content includes review of basic concepts and properties, solving first-degree equations and inequalities with applications, polynomials, rational expressions, exponents and radicals, and quadratic equations and inequalities with applications. (Offered in fall and spring semesters) (Also listed under *Mathematics*)

OFT003 Keyboarding *3 hours credit (3 hours lecture/lab)*

Keyboarding is designed for the student who has no previous training in typing. The course includes correct techniques of typing, drills to develop speed and accuracy, letter writing, manuscripts, and tabulation. The student is expected to spend a minimum of one hour per week in the typing lab outside the classroom to reinforce techniques learned in class. Students may not enroll in this course concurrently with CST103 nor may students take this course after the successful completion of CST103. (Offered in fall and spring semesters) (Also listed under *Office Technology*)

RDG014 Reading I *4 hours credit (4 hours lecture)*

A course designed to increase vocabulary, study, and reading comprehension skills. The course is a requirement for all entering students whose test scores reflect a need for further development of reading strategies to prepare for college success. Updated cut-off scores are in the Placement Information Table in the RMCC catalog. Students will concurrently enroll in Intensive Reading Lab I for individualized lab work to supplement their instruction in class. Offered in fall and spring semesters) (Also listed under *Reading*)

RDG024 Reading II *4 hours credit (4 hours lecture)*

A course designed to increase vocabulary, study, and reading comprehension skills. The course is a requirement for all entering students whose test scores reflect a need for further development of reading strategies to prepare for college success. Updated cut-off scores are in the Placement Information Table in the RMCC catalog. Students will concurrently enroll in Intensive Reading Lab II for individualized lab work to supplement their instruction in class. Offered in fall and spring semesters) (Also listed under *Reading*)

Students will progress according to the following criteria:

1. A student who successfully completes Reading I (RDG 013) with a “C” or better will enroll next in Reading II (RDG 023).
2. A student who successfully completes Reading II (RDG 023) with a “C” or better will have successfully met Arkansas Assessment and Placement requirement for Reading.
3. Any student who successfully completes Reading I (RDG 013) may have one attempt at the COMPASS test to be exempted from Reading II (RDG 023). The student must make the appropriate cut-off score for Reading as indicated by the Placement Information Table in the RMCC catalog on page 24.

ECONOMICS

ECN203 Economics I *3 hours credit (3 hours lecture)*

This course presents an overall view of how economic systems operate. Emphasis is placed on money, banking, and national income. This course requires at least one paper using a documentation format. (Offered in fall and spring semesters)

ECN213 Economics II *3 hours credit (3 hours lecture)*

Prerequisite Grade C or better in ECN203 or permission of instructor.

Economics II is a continuation of Economics I. The course includes taxation, price and non-price competition, income distribution, and current economic problems. This course requires at least one paper using a documentation format. (Offered in fall and spring semesters)

EDUCATION

EDU213 Introduction to Education *3 hours credit (3 hours lecture and practical educational)*

activities)

A study of educational history, philosophy, policies, and trends for the purpose of helping students formulate personal beliefs and practices about educational problems. Students will be involved in fifteen observations or educational activities in the local elementary or secondary schools. This course requires at least one paper using a documentation format. (Offered in fall and spring semesters)

EDU223 Instructional Technology *3 hours credit /3 hours lecture)*

This three hour course is designed to provide students with an overview of the technologies that can enhance teaching and learning. Students will be taught basic computer skills and the uses of various software applications (i.e., word-processing, database, spreadsheet, graphics, multimedia, etc) in the educational setting. This course requires at least one paper using a documentation format.

ENGLISH

ENG014 Basic English I *4 hours credit (4 hours lecture)*

A course designed to increase basic grammar, sentence structure, and writing skills. The course is a requirement for all entering students whose test scores reflect a need for further development of writing skills to prepare for college success. Updated cut-off scores are in the Placement Information Table in the RMCC catalog. Students will concurrently enroll in Intensive Writing Lab I for individualized lab work to supplement their instruction in class. This course requires at least one paper using a documentation format. (Offered in fall and spring semesters) (Also listed under *Developmental*)

ENG024 Basic English II *4 hours credit (4 hours lecture)*

A course designed to increase basic grammar, sentence structure, and writing skills. The course is a requirement for all entering students whose test scores reflect a need for further development of writing skills to prepare for college success. Updated cut-off scores are in the Placement Information Table in the RMCC catalog. Students will concurrently enroll in Intensive Writing Lab II for individualized lab work to supplement their instruction in class. This course requires at least one paper using a documentation format. (Offered in fall and spring semesters) (Also listed under *Developmental*)

Students will progress according to the following criteria:

1. A student who successfully completes Basic English I (ENG 013) with a “C” or better will enroll next in Basic English II (ENG 023).
2. A student who successfully completes Basic English II (ENG 023) with a “C” or better will enroll next in English Composition I (ENG 113)
3. Any student who successfully completes Basic English I (ENG 013) may have one attempt at the COMPASS test to be exempted from Basic English II (ENG 023). The student must make the appropriate cut-off score for English Composition I (ENG 013) as indicated by the Placement Information Table in the RMCC catalog on page 24.

ENG101 Library Literacy *1 hour credit (1 hour lecture)*

A course designed to teach the student about library resources and how to use them. (Offered on demand)

ENG113 English Composition I *3 hours credit (3 hours lecture)*

Prerequisite Minimum score of 19 on the English section of the ACT, a minimum score of 75 on the Writing Skills section of the Compass, or ENG002 (C or better) AND on the Reading portion of the Compass (81+), or ACT (19+) or the completion of RDG024 (C or better). (See page 18)

A beginning college-level course that includes an in-depth review of grammar, punctuation, syntax, and paragraph development relating to written composition. Introduction to the five-paragraph structured essay with emphasis on thesis statement and organization. A step-by-step approach to more mature writing, progressing from sentence structure to paragraph development to structured essay. This course requires at least one paper using a documentation format. (Offered in fall and spring semesters)

ENG123 English Composition II *3 hours credit (3 hours lecture)*

Prerequisite ENG113 with “C” or better

An intermediate college-level course with a more advanced study of composition through the reading of novels and the writing of literary analysis with an emphasis on the elements of literature as they relate to composition. This course requires at least one paper using a documentation format. (Offered in fall and spring semesters)

ENG133 Technical Writing *3 hours credit (3 hours lecture)*

Prerequisite ENG113 with “C” or better

An intermediate college-level course designed to enhance the communications skills of students seeking a career in technical and scientific fields. It includes writing reports, proposals, and business correspondence and making oral presentations. This course requires at least one paper using a documentation format. (Offered on demand)

ENG223 World Literature I *3 hours credit (3 hours lecture)*

Prerequisite ENG123 with “C” or better

A survey of world authors and their works with emphasis on masterpieces from the Ancient, Medieval, and Renaissance periods. The course includes the study of movements, schools, and periods. This course requires at least one paper using a documentation format. (Offered on demand)

ENG233 World Literature II *3 hours credit (3 hours lecture)*

Prerequisite ENG123 with “C” or better

A survey of world authors and their works with emphasis on masterpieces from the Renaissance to the Modern period of literature. The course includes the study of movements, schools, and periods. This course requires at least one paper using a documentation format. (Offered on demand)

ENG283 Introduction to Creative Writing *3 hours credit (3 hours lecture)*

A workshop for serious writers, focusing on the craft of writing both fiction and poetry. The course begins with learning form and technique through the study of famous works. Students then work individually on their own stories, novels, or poems. Recommended for any student who enjoys writing as a creative form of expression. This course requires at least one paper using a documentation format. (Offered on demand)

ENG284 Creative Writing Workshop *4 hours credit (4 hours lecture)*

Prerequisite ENG283

A workshop devoted to the discussion of short stories and novels created by the students. May be repeated for additional credit up to 9 semester hours. This course requires at least one paper using a documentation format. (Offered on demand)

ENG243 American Literature I *3 hours credit (3 hours lecture)*

Prerequisite: ENG 123 English Composition II with “C” or better

A survey of American literature from its beginnings to about 1865, this course is intended as a partial fulfillment of the requirements of the AAT degree and will also be accepted as a humanities elective for other degrees at RMCC. Student will read, analyze, and interpret works by representative American writers; communicate significant findings; identify various literary techniques, methods, and ideas; illustrate how literature reflects culture and society; and write an interpretive paper along with several response papers. As it is considered a 3rd year class at some 4-year institutions, students intending to transfer should inquire at their intended institutions as to how each will accept this credit. This course requires at least one paper using a documentation format. (Offered on demand)

ENG253 American Literature II *3 hours credit (3 hours lecture)*

Prerequisite: ENG 123 English Composition II with “C” or better

A survey of American literature from 1865 to the present, this course is intended as a partial fulfillment of the requirements of the AAT degree and will also be accepted as a humanities elective for other degrees at RMCC. Student will read, analyze, and interpret works by representative American writers; communicate significant findings; identify various literary techniques, methods, and ideas; illustrate how literature

reflects culture and society; and write an interpretive paper along with several response papers. As it is considered a 3rd year class at some 4-year institutions, students intending to transfer should inquire at their intended institutions as to how each will accept this credit. This course requires at least one paper using a documentation format. (Offered on demand)

GENERAL SHOP

WDG101, Welding *1 hour credit (1 hour lecture/lab)*
111, or 121

An introduction to and practice in arc and oxyacetylene welding techniques. Since different techniques and materials are covered through individualized instructions, the student may earn up to a total of three (3) credits in welding. (Offered on demand)

WDG103 Introduction to *3 hours credit (2 hours lecture, 2 hours lab)*
Welding

An introduction to arc and oxyacetylene welding including classroom and laboratory training. The student will learn the basic types of welds used in flat welding. Instructions will include safety procedures. (Offered on demand)

WDG113 Arc Welding I *3 hours credit (2 hours lecture, 2 hours lab)*

Prerequisite WDG103 or permission of instructor

A focused study of arc welding applications on higher carbon, alloy steel, and cast iron. The student will learn basic techniques used in welding materials horizontally, vertically, and overhead. Instruction will include safety procedures. (Offered on demand)

GEOGRAPHY

GEO103 Regional Geography of the World *3 hours credit (3 hours lecture)*

This course illustrates world conditions as they exist in the environment and the various cultures. It introduces map reading of the various continents and other important geographical concepts. This course requires at least one paper using a documentation format. (Offered in fall semester)

GEO223 Global Studies *3 hours credit (3 hours lecture)*

This course stresses the commonalities, rather than the differences, of people around the globe. The concepts of culture, values, diversity, perspectives, conflict, interdependence, and change are central to the course and are used to analyze such issues as peace and conflict, world hunger, population, human rights, and economic interdependence. This course seeks to understand global issues, how others view these issues, and the effects these issues have on the world. This course requires at least one paper using a documentation format. (Offered on demand)

HISTORY

HIS003 Ouachita Regional History *3 hours credit (3 hours lecture)*

This course involves a study of the cultural and natural history of the Ouachita Region. Although open to all, HIS003 is designed specifically for the 60+ program. Credit is non-transferable and does not appear on transcript. (Offered on demand)

HIS013 Ozark Regional History *3 hours credit (3 hours lecture)*

ANT113 Physical Anthropology *3 hours credit (3 hours lecture)*
A survey of anthropology covering the introduction to the discipline, concentrating on the principles and concepts of physical anthropology and archaeology, genetics, variation, paleontology, and prehistory. This course requires at least one paper using a documentation format. (Offered on demand)

ANT213 Cultural Anthropology *3 hours credit (3 hours lecture)*
An introduction to the nature of culture and its influence on human behavior and personality: comparative study of custom, social organization, and processes of change and integration of culture. This course requires at least one paper using a documentation format. (Offered on demand)

HUMANITIES

HUM283 Humanities through the Arts *3 hours credit (3 hours lecture)*
This course is an introduction to the arts in western civilization and their relationship to basic humanistic ideas. In addition to serving as an introduction to music, painting, sculpture, architecture, and literature (drama and poetry), the course explores fundamental principles and ideas of western culture and how these are expressed in each of the artistic disciplines. This course requires at least one paper using a documentation format. (Offered in fall and spring semesters)

For other courses that may be taken in humanities at RMCC, see *State Minimum Core Curriculum Arts and Humanities* list. The student planning to transfer should take Humanities courses with the receiving institution's requirements in mind.

JOURNALISM

JRN113 Newswriting I *3 hours credit (3 hours lecture)*
A course in the basics of journalism, in particular news reporting and feature writing. Focus on effective lead writing, with emphasis on writing, revising, and editing news stories and articles. Students in this class work on the student newspaper. (Offered on demand)

JRN123 Newswriting II *3 hours credit (3 hours lecture)*
Prerequisite JRN113
A continuation of Newswriting I. This course covers more advanced techniques of news gathering, writing, revising, and editing. Students in this class work on the student newspaper. (Offered on demand)

JRN203 Introduction to Radio and Television I *3 hours credit (3 hours lecture)*
A basic course in radio and television. Training in use of radio and television studio equipment and in radio and television production is provided through hands-on projects. Included are electronic news gathering, audio and video editing, and script writing. Students in the process of providing programming for the college radio and television stations will gain vocational skills.

JRN213 Introduction to Radio and Television II *3 hours credit (3 hours lecture)*
The continuation of Radio and Television I. Previous topics are covered with emphasis on more advanced techniques. Students will be given greater responsibility in producing programming for the college radio and television stations. FCC regulations as well as copyright law will be covered.

JRN293 Internship in Radio and Television *3 hours credit (3 hours lecture)*
While continuing to gain proficiency in radio and television production, students will be placed in leadership roles producing radio and television programming for the college radio and television stations. Students will be mentors for the Radio and Television I and II students.

MACHINE TOOL TECHNOLOGY

MCH105 Technology of Machine Tools I

5 hours credit (2 hours lecture, 6 hours lab)

This course will include basic instruction in the use of the horizontal engine lathe, as well as an introduction into abrasive machining operations. Included in the instruction will be the different types of lathe tools and their use, for example: outside diameter applications which include turning, grooving, and threading, and inside applications which include drilling, boring, internal grooving, and internal threading. Included with the theory of these operations will be the different types of tools and tooling that will be required to complete the machining procedure. Instruction will also be given in the calculation of speeds and feeds in relation to the type of material being machined and the type of cutting tool material. The eventual utilization of the theoretical and actual machine and tooling usage is to be applied to the theory and actual operation of the Computer Numerical Control machines. The abrasive machining operations will include the machining operation as well as the basic grinding machines commonly found in industry. Included in the instruction will be the different types and styles of abrasive media required in different machining applications. To a lesser extent, instruction will be given in the application and usage of the common support equipment, such as the drill press, abrasive belt grinder, the contour saw, and cutoff saw. Safety applications and procedures will be taught throughout this unit. (Offered in fall)

MCH115 Mastering CNC Machines

5 hours credit (2 hours lecture, 6 hours lab)

This course will consist of the computer programs Mastering the CNC Turning Center and Mastering the CNC Machining Center. The student will also do machine-side work on both the CNC Machining Center and the CNC Turning Center. This work will consist of actual real-time part machining from local industries. The student will also be required to use both the manual machines as well as the CNC to make part fixtures. This course is for the beginning student as well as the second semester student. (Offered in spring)

MCH135 Fundamentals of Computer Numerical Control

5 hours credit, (2 hours lecture, 6 hours lab)

An introduction to Numerical Control to reach an understanding of what it is, how it came about, and how it is used in industry today. Some evolution of Numerical Control will be presented to give a better understanding of the many machines of different ages and models that are in industry today. Instruction will be given in basic machine programming both at machine-side as well as Distributed Numerical Control. Instruction will be given in the more common machine control languages. Actual parts, to be machined on the shop CNC

machines, will be programmed by students as part of their lab experiences. (Offered in fall)

MCH145 Blueprint Reading/ Geometric Dimensioning and Tolerancing/Precision Measurement

5 hours credit (4 hours lecture, 2 hours lab)

In the Blueprint Reading portion, instruction will be given in reading and interpreting shop prints, which will include basic print nomenclature, lines, symbols, and different types of print views. Also taught in the print reading will be the system of Geometric Dimensioning and Tolerancing according to ANSI standards. In the basic Measuring Tools portion, instruction will be given utilizing the basic instruments, such as the 6" rule and the 150 mm rule, both the inch and metric micrometer, the vernier and digital caliper and height gage, the test and dial indicators, thread micrometers and the thread wires and triangles, basic go and no go gages, ring and plug gages, external and internal thread gages. (The different types of gages to be supplied by industry as they are needed.). (Offered in spring & fall)

MCH155 Metals & Alloys/Basic Metallurgy and Heat Treatment

5 hours credit (4 hours lecture, 2 hours lab)

Instruction is given in classification of metals and their chemical, physical, and mechanical properties. The student is also instructed in the basic makeup of steels and alloys and their heat treatment processes. Instruction is also given in the use of the Machinery's Handbook as it relates to specific course material. (Offered in spring)

MCH205 Advanced Machine Shop/Lab

5 hours credit (2 hours lecture, 6 hours lab)

Internship

Prerequisite 2 semesters of Machine Shop and permission of instructor

Limit Two students per semester.

Instruction is given in advanced machine tool techniques. Projects will be assigned as needed by the instructor. Major emphasis will be CNC machining, CNC programming and the fabrication of jigs and fixtures to complement the CNC machine projects. Some of the projects will be required to be machined on the manual lathe and/or mill. The advanced student may be called upon to help beginning students with their lab projects. (Offered on demand)

MCH215 Technology of Machine Tool II

5 hours credit (2 hours lecture, 6 hours lab)

This will be a continuation of Technology of Machine Tools I. Emphasis will continue to be placed on the basic instruction of the manual machines. This course of study will emphasize the milling machine and the related support equipment such as the drill press, pedestal grinder, abrasive belt grinder, the cutoff saws, and the contour saw. One of the objectives for this course will be the development and manufacture of jigs and fixtures for the CNC machines. Included in the development of the jigs and fixtures portion will be learning about and using commercial fixture units. The use of coolants and lubricants in the machining process of both manual and CNC machines will be taught. There will also be instruction in the usage of the Machinery's Handbook as it applies to the different elements of this course. Safety applications and procedures will be taught throughout this course of instruction. This course is for the beginning student as well as the second semester student. (Offered in spring)

MCH243 CAD I

3 hours credit, (3hours lecture)

Prerequisite 2 semesters of Machine Shop, CST113, or permission of instructor

CAD I has been developed to assist the student in understanding and developing Computer Aided Drafting skills. These skills include using and maintaining a CAD workstation, drafting on "electronic sheets," managing drawing files, and using symbol libraries. The student will be expected to spend a minimum of two hours per week outside lab time reinforcing the applications learned in the classroom. (Offered in fall semester)

MCH253 CAD II

3 hours credit, (3hours lecture)

Prerequisite MCH243

CAD II is a continuation of CAD I. The student will be expected to spend a minimum of two hours per week outside lab time reinforcing the application learned in the classroom. (Offered in spring semester)

MCH233 CAM I

3 hours credit, (2hours lecture/2 hours lab per week)

This course provides the student with instruction in the concepts and practices associated with using ESPRIT software to prepare CNC machine programs for lathes and mills. Students will process programs that demonstrate the features and functions of the software. Basic code syntax will also be discussed.

MATHEMATICS

MTH013 Basic Math

3 hours credit (3 hours lecture)

This course is designed primarily as a refresher course for those students who are weak in basic skills and who need a review of the fundamentals. The content of this course includes the fundamental operations of whole numbers, fractions, decimals, percents, ratio and proportion, statistics, applications for business and consumers, the metric system, rudimentary geometry, and introductory algebra. (Offered in fall and spring semesters) (Also listed under *Developmental Studies*)

MTH023 Beginning Algebra

3 hours credit (3 hours lecture)

Prerequisite Grade C or better in MTH013 or a minimum score of 41 on the COMPASS Pre-Algebra Placement Exam or 17 on the mathematics section of the ACT (see p. 24)

This course is designed primarily for those students who do not have a unit of high school algebra or whose proficiency in mathematics may have declined during the years absent from formal schooling. The content includes real numbers and their applications, variable expressions, solving general equations,

solving equations involving practical applications, operations of polynomials, and special products and factoring of polynomials. (Offered in fall and spring semesters) (Also listed under *Developmental Studies*)

MTH033 Intermediate Algebra *3 hours credit, (3hours lecture)*

Prerequisite Grade C or better in MTH023 or a minimum score of 31 on the COMPASS Algebra Skills Placement Exam or 18 on the mathematics section of the ACT (see page 18)

This course is designed to prepare students for college-level mathematics. Course content includes review of basic concepts and properties, solving first-degree equations and inequalities with applications, polynomials, rational expressions, exponents and radicals, and quadratic equations and inequalities with applications. (Offered in fall and spring semesters) (Also listed under *Developmental Studies*)

MTH113 Technical Math *3 hours credit, (3hours lecture)*

Prerequisite Grade C or better in MTH023 or a minimum score of 31 on the COMPASS Algebra Skills Placement Exam or 18 on the mathematics section of the ACT (see page 18)

Course content includes the fundamental processes of mathematics with emphasis on problem-solving techniques. Included is a review of arithmetic, introductory algebra, elementary trigonometry, and rudiments of analytic geometry. (Offered in fall and spring semesters)

MTH203 College Algebra *3 hours credit, (3hours lecture)*

Prerequisite Minimum score of 19 on the mathematics section of the ACT, Grade C or better in MTH033, or a minimum score of 36 on the COMPASS Algebra Skills Placement Exam (see page 18)

Content of this course includes the concepts of linear and quadratic functions; transformations of basic curves; composition of functions; direct and inverse variations; solving and graphing problems whose mathematical models are polynomial, rational, exponential and logarithmic functions; solving systems of linear and nonlinear equations and inequalities with applications for each; determinants and matrices; linear programming; conic sections; binomial expansions; arithmetic and geometric sequences and series; and counting techniques and probability. (Offered in fall and spring semesters)

MTH213 Plane Trigonometry *3 hours credit, (3hours lecture)*

Prerequisite or Corequisite MTH203

Course content includes a study of algebraic and geometric preliminaries, trigonometric functions and their graphs, trigonometric identities and equations, inverse functions, applications of trigonometry to right and oblique triangles, vectors, polar coordinates, logarithms and exponentials, complex numbers, and analytic geometry. (Offered in spring semester)

MTH223 Number Systems I (Mathematics for Elementary and Middle School Teachers I) *3 hours credit, (3hours lecture)*

Prerequisite "C" or better in **Intermediate Algebra** or required placement scores

This course includes influences on and directions in mathematics education, learning theories, problem solving, number concepts, numeration, number theory, and whole-number operations. In addition, fraction and decimal concepts and computation are developed. Ratio, proportion and percent are also studied. Estimation and alternative algorithms are addressed, and mental math strategies are studied and modeled. MTH223 contains mathematics content, teaching techniques, mathematics manipulatives, and technology with emphasis on problem solving, reasoning, communication, connections, and representation. This course is designed for future elementary and middle school teachers. This course requires at least one paper using a documentation format. It is writing intensive. It is offered online in the fall and on campus (by demand) in the summer.

MTH233 Number Systems II (Mathematics for Elementary and Middle School Teachers II) *3 hours credit, (3hours lecture)*

Prerequisite Prerequisite: "C" or better in **College Algebra**

Concepts of geometry, data analysis, probability and statistics appropriate for P-8 grade levels will be developed. Topics in geometry will include appropriate geometric terminology, lines, angles, plane

curves, polygons and other plane regions, polyhedra and other space figures, measurement concepts and skills, constructions (time-permitting), transformations, congruence, similarity and geometric reasoning. Topics in data analysis, probability and statistics will include collecting, organizing, and interpreting data, statistical graphs, statistical measures, and discrete probability with applications. MTH233 contains mathematics content, teaching techniques, mathematics manipulatives, and technology with emphasis on problem solving, reasoning, communication, connections, and representation. This course is designed for future elementary and middle school teachers. This course requires at least one paper using a documentation format. It is writing intensive. It is offered in the spring and (by demand) in the summer.

MTH243 Survey of Calculus

3 hours credit, (3hours lecture)

Prerequisite MTH203

This course is intended for those students who need an introduction to the fundamental concepts of calculus. It is designed for students majoring in business, agriculture, and the social sciences. May not be taken for credit after successful completion of MTH245. (Offered on demand)

MTH245 Calculus I and Analytic Geometry

5 hours credit (5 hours lecture)

Prerequisite MTH213

This course is designed primarily to serve students majoring in mathematics, engineering, physics, chemistry, and various other fields of science. Course content includes a study of functions, limits and continuity, differentiation of algebraic functions and their applications, indefinite integrals, and definite integrals and their applications. (Offered on demand)

MTH253 Mathematics for Liberal Arts

3 hours credit (3 hours lecture)

Prerequisite: Minimum score of 19 on the mathematics section of the ACT, Grade C or better in MTH033, or a minimum score of 36 on the COMPASS Algebra Skills Placement Exam (see page 18) This class does have a strong writing component. (A “C” or better in English Composition I is strongly recommended.)

This course is designed as an alternative to College Algebra for students whose degree plans are outside of business, (*elementary education?*), mathematics, or science. If a degree plan calls for a mathematics course with a prerequisite of College Algebra, this course will NOT satisfy the prerequisite. Students interested in transferring credits from this course are strongly encouraged to consult the Registrar’s office at the receiving institution to confirm acceptance. It is designed to give students in particular programs the math skills they need for their careers, as well as to foster an appreciation of mathematics in everyday life so that each student may be a better informed citizen with critical thinking ability. Areas of study may include data analysis, probability and inference from statistics; voting systems and division schemes from the science of social choice; fairness and game theory, logic and set theory, and other topics from information and computer science; geometry; personal finance; planning and scheduling schemes and linear programming from management science; and various growth models.

MTH255 Calculus II and Analytic Geometry

(5 hours credit (5 hours lecture)

Prerequisite MTH245

Course content consists of a study of areas, volumes of solids of revolution, exponential and logarithmic functions, trigonometric and hyperbolic functions and their inverses, integration techniques, conic sections, indeterminate forms, and improper integrals. (Offered on demand)

MUSIC

MUS101 Voice

1 hour credit (2 hours lecture/lab)

A course designed for adults and post-puberty teenagers who wish to improve their singing. Subjects covered will be posture, breath-control, relaxation, vowel modification, tone quality, diction, legato singing, flexibility, expression, and stage presence. Group exercises and singing and opportunities for solo and duo performance. (Offered on demand.)

MUS203 Music Appreciation

3 hours credit (3 hours lecture)

A humanities course designed to acquaint the student with the basic elements of music, specific periods of music history, and the roles of music and musicians in society. This course requires at least one paper using a documentation format. (Offered in fall semester)

MUS213 Public School Music *3 hours credit (3 hours lecture)*
A study of the fundamentals of music and methods of instruction in music for elementary teachers. This course requires at least one paper using a documentation format. (Offered in spring semester)

NUTRITION

NTR213 Nutrition *3 hours credit (3 hours lecture)*
This course will explore the functions of food, body processes, and optimum diet in relation to health and physical fitness. Students will learn to demonstrate knowledge of the role of nutrients in the human body, explain various nutrition transformations, interactions and the physiological processes nutrients undergo during digestion, absorption, and transport, demonstrate knowledge of nutrient needs throughout the life cycle and examine the role of diet in disease prevention, develop awareness of the cultural, economic, and psychosocial factors involved in food selection, distinguish sound nutritional principles from faddism and quackery, demonstrate understanding of the development and application of dietary guidelines and demonstrate knowledge of the meal exchange system through basic calculations and meal planning.

OFFICE TECHNOLOGY

OFT003 Keyboarding *3 hours credit (3 hours lecture)*
Keyboarding is designed for the student who has no previous training in typing. The course includes correct techniques of typing, drills to develop speed and accuracy, letter writing, manuscripts, and tabulation. The student is expected to spend a minimum of one hour per week in the typing lab outside the classroom to reinforce techniques learned in class. Students may not enroll in this course concurrently with CST103 nor may students take this course after the successful completion of CST103. (Offered in fall and spring semesters) (Also listed under *Developmental Studies*)

OFT143 Office Machines and Procedures *3 hours credit (3 hours lecture)*
Pre or Corequisite Previous training in keyboarding or currently taking
OFT003 Keyboarding
This course is designed to give the student hands-on experience with some of the machines used in an office. The student will learn the fundamentals of the electronic calculator, and the machine transcriber. In addition, the student will learn the fundamentals of records management. (Offered in fall and spring semesters)

PHILOSOPHY

PHI203 Philosophy *3 hours credit (3 hours lecture)*
A humanities course designed to acquaint the student with the philosophical, political, economic, aesthetic, and religious ideas which have been influential in the history of the western culture from the ancient Greeks to the present. This course requires at least one paper using a documentation format. (Offered in fall and spring semesters)

PHYSICAL EDUCATION

HPR001 60+ Exercise *1 hour credit (2 hours lab)*
A physical fitness program specifically designed for active senior adults. This program is a "combination workout." There are chair exercises and standing dances. Nutritional information is presented and physical well-being is emphasized. Credit is non-transferable and does not appear on transcript. (Offered on demand)

HPR021 PACE (People With Arthritis Can Exercise) *1 hour credit (2 hours lab)*
A physical fitness program specifically designed for people with Arthritis. This program is approved and certified by the Arthritis Foundation. It is a gentle “range of motion workout.” There are chair exercises and standing exercises. Stress release and pain management as well as nutritional information and joint protection will also be taught. Credit is non-transferable and does not appear on a transcript. (Offered on demand)

HPR041 Line Dance for Seniors *1 hour credit (2 hours lab)*
A physical fitness program specifically designed for active senior adults. This program uses line dance with exercise components. Nutritional information and physical well-being will also be taught. Credit is non-transferable and does not appear on a transcript. (Offered on demand)

HPR101 Tennis *1 hour credit (1 hour lecture,1 hour lab)*
Basic concepts of tennis. Lecture and laboratory to be arranged by instructor. (Offered on demand)

HPR102 First Aid & Safety/CPR *2 hours credit (2 hours lecture, 1 hour lab)*
This course provides participants with the knowledge and skills necessary in an emergency to call for help, to help keep someone alive; to reduce pain and to minimize the consequences of injury or sudden illness until advanced emergency medical help arrives. (offered on demand)

HPR111 Foundations of Physical Education *1 hour credit (1 hour lecture,1 hour lab)*
The history, philosophy, aims, objectives, and fundamental principles of physical education. (Offered on demand)

HPR121 Country/Line Dancing I *1 hour credit (1 hour lecture,1 hour lab)*
Basic concepts of country and line dancing. Lecture and laboratory to be arranged by instructor. (Offered on demand)

HPR131 Racquetball *1 hour credit (1 hour lecture,1 hour lab)*
Instruction and practice in the basic skills, fundamentals, and strategies of racquetball. (Offered on demand)

HPR141 Softball and Volleyball *1 hour credit (1 hour lecture,1 hour lab)*
The basic concepts of softball and volleyball. Lecture and laboratory to be arranged by instructor. (Offered on demand)

HPR151 Beginning Bowling *1 hour credit (2 hours lab)*
Instruction and practice in the basic skills, fundamentals, and rules of bowling. (Offered on demand)

HPR161 Golf *1 hour credit (2 hours lab)*
Instruction and practice in the basic skills, fundamentals, and rules of golf. (Offered on demand)

HPR171 Beginning Swimming *1 hour credit (2 hours lab)*
Instruction in the fundamental techniques of swimming. (Offered on demand)

HPR181 Recreational Activity I *1 hour credit (2 hours lab)*
Instruction in the fundamental techniques of recreational activities such as angling, backpacking, etc. (Offered on demand)

HPR191 Basketball *1 hour credit (2 hours lab)*
Instruction and practice in the basic skills, fundamentals, and rules of basketball. (Offered on demand)

HPR201 Karate *1 hour credit (2 hours lab)*

Instruction and practice in the basic skills, fundamentals, and rules of karate. (Offered on demand)

HPR203 Health and Safety *3 hours credit (3 hours lecture)*
The meaning of general health, personality, mental health, mental illness, drug abuse, family life, disease, nutrition, growth, and fitness is surveyed in this course. This course satisfies the requirement for teacher certification in Arkansas public schools. This course requires at least one paper using a documentation format. (Offered on demand)

HPR211 Physical Conditioning I *1 hour credit (2 hours lab)*
Emphasis is placed on physical conditioning through low-impact aerobic exercises. (Offered on demand)

HPR221 Physical Conditioning II *1 hour credit (2 hours lab)*
Emphasis is placed on physical conditioning through advanced, low-impact aerobic exercises. (Offered on demand)

HPR231 Country/Line Dancing II *1 hour credit (1 hour lecture,1 hour lab)*
A continuation of HPR121. (Offered on demand)

HPR241 Scuba Diving *1 hour credit (2 hours lab)*
Instructions leading to qualifying for the Open Water Scuba Certification. Twelve classroom sessions, five pool sessions, and six open water sessions will be included. Students will be expected to purchase their own personal supplies. (Offered on demand)

HPR251 Running *1 hour credit (2 hours lab)*
This course is designed to provide instruction and practice in the basic skills, fundamentals, and rules of running.

HPR261 Introduction to Martial Arts/
Self-Defense *1 hour credit (2 hours lab)*
The fundamental techniques of martial arts including self-defense. (Offered on demand)

HPR271 Lifetime Fitness *1 hour credit (2 hours lab)*
Acquaints students with a basic knowledge, understanding, and value of physical activity as related to optional wellness. Includes supervised conditioning activity. (Offered on demand)

HPR281 Recreational Activity II *1 hour credit (1 hour lecture,1 hr lab)*
Instruction in the fundamental techniques of recreational activities such as angling, backpacking, etc. (Offered on demand)

PHYSICAL SCIENCE

PSC104 Earth Science *4 hours credit (3 hours lecture, 2 hours lab)*
Prerequisite None
A general education survey of the earth emphasizing principles of geology, but including concepts from astronomy, meteorology, and oceanography. This course requires at least one paper using a documentation format. (Offered in fall and spring semesters)

PSC114 Physical Science *4 hours credit (3 hours lecture, 2 hours lab)*
Prerequisite None

A general education course designed to meet the need of a laboratory science course for education and other non-science majors. This introductory level course includes the study of selected materials from the fields of chemistry, physics, and astronomy. This course requires at least one paper using a documentation format. (Offered in fall and spring semesters)

PHYSICS

PHS113 Descriptive Astronomy *3 hours credit (3 hours lecture)*

Prerequisite None

A nonmathematical survey designed to give a general knowledge of the subject. Topics covered include the history of astronomy, cosmology, galaxies, nebulae, stars and stellar evolution, and the solar system. Several evening observation sessions will be included. (Offered in fall semester)

PHS214 General Physics I *4 hours credit (3 hours lecture, 2 hours lab)*

Prerequisites MTH203 and MTH213 (or 2 units of high school algebra, 1 unit of high school trigonometry, and consent of instructor)

A course designed to provide basic instruction in mechanics, wave motion, heat, and sound. (Offered on demand)

PHS224 General Physics II *4 hours credit (3 hours lecture, 2 hours lab)*

Prerequisite PHS214

A continuation of PHS214 including the fundamentals of electricity, magnetism, light, and modern physics. (Offered on demand)

POLITICAL SCIENCE

PSI103 American National Government *3 hours credit (3 hours lecture)*

The structure, principles, and functions of the United States government. This course requires at least one paper using a documentation format. (Offered in fall and spring semesters)

PRACTICAL NURSING

NSG101 Nursing of the Geriatric Patient *1 hour credit (16 hours lecture)*

Prerequisite Admission to Practical Nursing Program

This course focuses on the normal aging process, characteristics of aging, special problems with aging, and experience in the care of the aging patient. (Offered in fall semester)

NSG102 Nursing of Children *2 hours credit (32 hours lecture)*

Prerequisite Admission to Practical Nursing Program

This course focuses on the principles of growth and development; nursing the infant through adolescence; the behavior of well and sick children. (Offered in fall semester)

NSG104 Body Structure and Function *4 hours credit (64 hours lecture)*

Prerequisite Admission to Practical Nursing Program

This course focuses on the anatomy and physiology of the human body in all its systems--a foundation for understanding the principles of maintaining positive health, as well as understanding the deviations from the normal. (Offered in fall semester)

NSG111 Nursing Clinical I *1 hour credit (48 hours laboratory practice)*

Pre- or Corequisites NSG101, NSG102, NSG104, NSG112, NSG123, NSG122, and NSG161

This course provides laboratory practice in the nursing home. Emphasis is placed on the geriatric patient. (Offered in the fall semester)

NSG112 Nutrition in Health and Illness *2 hours credit (32 hours lecture)*

Prerequisite Admission to Practical Nursing Program

This course focuses on the principles of good nutrition for all age groups and the principles of modifications for therapeutic purposes. Nutrition concepts will be integrated throughout the entire Practical Nursing Program's curriculum. (Offered in fall semester)

NSG123 Nursing of Adult Patients with *3 hours credit (48 hours lecture)*
Medical and Surgical Conditions I

Prerequisite Admission to Practical Nursing Program

This course focuses on information about common conditions of illness and nursing care of patients in acute, subacute or convalescent stages of illness, of both short and long term duration including nutrition and administration of drugs. (Offered in fall semester)

NSG122 Pharmacology I *2 hours credit (32 hours lecture)*

Prerequisite Admission to Practical Nursing Program

This course focuses on the history of drugs, methods of administration, drugs commonly used in the treatment of illness, and such information as usual dosages, expected actions, side effects, contraindications, and points of observation following the administration of drugs. Formulas for conversion of measures from the apothecary to the metric system, as well as formulas for calculations of dosages for infants and children are included. (Offered in fall semester)

NSG128 Basic Nursing Principles and Skills I *8 hours credit (128 hours lecture)*

Prerequisite Admission to Practical Nursing Program

This course focuses on the fundamental principles, skills, and attitudes needed to give nursing care and prevent spread of disease; common procedures used in the care of the sick and the development of the ability to adapt them to various situations with skill, safety, and comfort for the patient; first aid and CPR; and the development of an awareness of responsibility to make, report, and record observations. (Offered in fall semester)

NSG132 Pharmacology II *2 hours credit (32 hours lecture)*

Prerequisite NSG122

This course is a continuation of NSG122. (Offered in spring semester)

NSG134 Nursing of Adult Patients with Medical and Surgical Conditions *4 hours credit(64 hours*
II *lecture)*

Prerequisites NSG123

This course is a continuation of NSG114. (Offered in spring semester)

NSG137 Nursing Clinical II *7 credit hours (336 hours laboratory practice)*

Pre- or Corequisites NSG111, NSG132, NSG102, NSG134, NSG152 and NSG142

This course provides laboratory practice and/or observation in hospitals, nursing homes, physicians' offices, and home health agencies. Emphasis is placed on basic nursing skills, mothers & infants, nursing of children, and the patient with medical/surgical conditions. (Offered in the spring semester)

NSG142 Nursing of Mothers and Infants *2 hours credit (32 hours lecture)*

Prerequisite Admission to Practical Nursing Program

This course focuses on the principles and practice of nursing care during prenatal, labor, delivery, postpartum, and neonatal periods. (Offered in spring semester)

NSG152 Basic Nursing Principles and Skills II *2 hours credit (32 hours lecture)*

Prerequisite NSG128

This course is a continuation of NSG128. Primary focus is on IV Therapy Skills. (Offered in spring semester)

NSG158 Nursing Clinical III *8 hours credit (384 hours laboratory practice)*

Prerequisite NSG137, NSG112, NSG171, and NSG181

This course is a continuation of NSG137 (Offered in the summer semester)

NSG161 Vocational, Legal, and Ethical Concepts *1 hour credit (16 hours lecture)*

Prerequisite Admission to Practical Nursing Program

This course focuses on personal development; ethical, legal, and social responsibilities with the patient, family, and co-workers; communication skills; vocational responsibilities of the practical nurse; nursing organization; and local, state, and national health resources. (Offered in summer semester)

NSG171 Mental Health and Care of the Mentally III *1 hour credit (16 hours lecture)*

Prerequisites Admission to Practical Nursing Program

This course focuses on the common conditions of mental illness, prevention of such conditions, and the care of patients suffering from abnormal mental and emotional responses. Mental hygiene aspects will be integrated throughout the course. (Offered in summer semester)

NSG181 Nursing of Adult Patients with
Medical and Surgical Conditions III *1 hour credit (16 hours lecture)*

Prerequisites NSG113 and NSG134

This course is a continuation of NSG134. (Offered in summer semester)

NSG190 Nursing Clinical IV *(40 hours laboratory practice)*

This course is required for the student who has been unable to complete the required number of hours during the Spring, Fall, and/or Summer semesters of the Practical Nursing Program. The student is required to complete 40 hours in the assigned clinical care in the hospital, nursing home, physicians' office, home health agency, and public health unit. Emphasis is placed on basic nursing skills, mother and infants, children, and the patient with medical and surgical conditions.

The Practical Nursing Program uses the following clinical training areas:

Mena Regional Health System Mena, AR	Mercy Hospital Waldron, AR
Rich Mountain Nursing & Rehabilitation Center Mena, AR	Waldron Nursing Center Waldron, AR
Mena Manor Mena, AR	Dr. Richard Lochala Mena, AR 71953
Montgomery County Nursing Home Mt. Ida, AR	Dr. Nathan Bennett Waldron, AR
Dr. Ron Beckel	Polk County Health Unit

Mena, AR

Mena, AR

PSYCHOLOGY

PSY203 General Psychology *3 hours credit (3 hours lecture)*
A study of human behavior with emphasis on heredity, environment, intelligence, personality, learning, motivation, and emotions. This course requires at least one paper using a documentation format. (Offered in fall semester)

PSY213 Developmental Psychology *3 hours credit (3 hours lecture)*
Prerequisite PSY203 or permission of instructor
The comprehensive study of human behavior as it develops from infancy through adulthood with consideration of the genetic, maturational, and environmental factors. This course requires at least one paper using a documentation format. (Offered on demand)

PSY223 Abnormal Psychology *3 hours credit (3 hours lecture)*
Prerequisite PSY203
The study of the symptoms, treatment, and social implications of mental and emotional disorders. This course requires at least one paper using a documentation format. (Offered on demand)

READING

RDG014 Reading I *4 hours credit (4 hours lecture)*
A course designed to increase vocabulary, study, and reading comprehension skills. The course is a requirement for all entering students whose test scores reflect a need for further development of reading strategies to prepare for college success. Updated cut-off scores are in the Placement Information Table in the RMCC catalog. Students will concurrently enroll in Intensive Reading Lab I for individualized lab work to supplement their instruction in class. (Offered in fall and spring semesters) (Also listed under *Developmental Studies*)

RDG024 Reading II *4 hours credit (4 hours lecture)*
A course designed to increase vocabulary, study, and reading comprehension skills. The course is a requirement for all entering students whose test scores reflect a need for further development of reading strategies to prepare for college success. Updated cut-off scores are in the Placement Information Table in the RMCC catalog. Students will concurrently enroll in Intensive Reading Lab II for individualized lab work to supplement their instruction in class. Offered in fall and spring semesters) (Also listed under *Developmental Studies*)

Students will progress according to the following criteria:

1. A student who successfully completes Reading I (RDG 013) with a "C" or better will enroll next in Reading II (RDG 023).
2. A student who successfully completes Reading II (RDG 023) with a "C" or better will have successfully met Arkansas Assessment and Placement requirement for Reading.
3. Any student who successfully completes Reading I (RDG 013) may have one attempt at the COMPASS test to be exempted from Reading II (RDG 023). The student must make the appropriate cut-off score for Reading as indicated by the Placement Information Table in the RMCC catalog on page 24.

REAL ESTATE

GBU204 Real Estate Principles *4 hours credit (4 hours lecture)*

A comprehensive study of real estate, including the elements of economics, appraisal, regulation, valuation, finance, and property rights and their transfer. The course is designed to help prepare students for real estate licensure in Arkansas. (Offered on demand)

GBU213 Advanced Real Estate Problems *3 hours credit (3 hours lecture)*

Prerequisite GBU204

A continuation of Real Estate Principles. The course includes advanced materials with emphasis on appraisal, valuation, property descriptions, real estate mathematics, and closing statements. (Offered on demand)

SOCIOLOGY

SOC103 Introduction to Sociology *3 hours credit (3 hours lecture)*

A basic course in sociology designed to help the student better understand the interrelations of group behavior. This course requires at least one paper using a documentation format. (Offered in fall and spring semesters)

SOC113 Social Problems *3 hours credit (3 hours lecture)*

The nature, cause, and treatment of social problems in modern society. This course requires at least one paper using a documentation format. (Offered on demand)

SOC133 Social Marriage and the Family *3 hours credit (3 hours lecture)*

Cross-cultural analysis of kinship and family structures. Emphasis on American family structure. This course requires at least one paper using a documentation format. (Offered on demand)

SOC143 Aging in America *3 hours credit (3 hours lecture)*

This course will be a study of the significant changes that affect all of us as we grow older. Myths and realities about older adults are explored. This course requires at least one paper using a documentation format. (Offered on demand)

SPANISH

SPN103 Beginning Spanish I *3 hours credit (3 hours lecture)*

A course consisting of extensive oral and aural practice, a systematic study of the structure of the language, and readings in the area of Spanish-American culture. (Offered on demand)

SPN113 Beginning Spanish II *3 hours credit (3 hours lecture)*

Prerequisite SPN103

A continuation of SPN103 (Offered on demand)

SPEECH AND DRAMA

DRA203 Theatre Arts Appreciation *3 hours credit (3 hours lecture)*

A humanities course designed to acquaint the student with the historical background and the development of drama from the Greek through the contemporary periods. Examination is made of the practical concepts of drama with an emphasis on appreciation of the drama as an art form. This course requires at least one paper using a documentation format. (Offered on demand)

DRA213 Acting I *3 hours credit (3 hours lecture)*

Basic techniques of acting with emphasis on motivation for movement and emotion. Study of the theory and history of acting. (Offered on demand)

DRA223 Acting II

3 hours credit (3 hours lecture)

Prerequisite DRA213

A continuation of DRA213. (Offered on demand)

SPC203 Oral Communication

3 hours credit (3 hours lecture)

This course will assist students through an integrated study of theory and practice to be more competent in oral communication situations. Emphasis will be placed on student preparation and presentation of various types of speeches. This course satisfies the requirement for teacher certification in Arkansas public schools. This course requires at least one paper using a documentation format. (Offered in fall and spring semesters)

SPC213 Oral Interpretation

3 hours credit (3 hours lecture)

This course covers those principles and techniques involved in the analysis and oral reading of basic literary forms: poetry, prose, and drama. The class is designed for teachers, speakers, actors, and students of literature. (Offered on demand)