



Set your sights
a little higher
this summer.



Summer 2020
Schedule of classes

How to Register for Classes

Registration for Summer 2020 will be via telephone beginning June 1. Due to campus access restrictions, all registration and registration-related business will be handled remotely, with Luna staff ready to assist you, via telephone or e-mail, in creating a summer schedule.

If you have declared a major, please call your program advisor. If you have not declared a major, are a transfer student, or are a first-time freshman, please contact the Student Success Center. No answer? Leave a clear message with your name and telephone number. An advisor may be busy assisting another student but will return your call as soon as possible.

Allied Health Advisor	505-454-2527	vatorres@luna.edu
Early Childhood Education Advisor	505-454-5381	tjackson@luna.edu
Humanities Advisor	505-454-2532	rbaca@luna.edu
Humanities Advisor	505-454-2594	nbaker@luna.edu
Science, Technology, Engineering, Math (STEM) Advisor	505-454-2537	jvarela@luna.edu
School of Business Advisor	505-454-5337	lbernal@luna.edu
Trades/Vocational Advisor	505-454-2573	kwezwick@luna.edu
Student Success Center Advisors	505-454-5355	studentsuccess@luna.edu
Student Success Center Advisors	505-454-2541	studentsuccess@luna.edu
Admissions Office	505-454-2550	admissions@luna.edu
Financial Aid Office	505-454-2534	finaid@luna.edu
Fiscal Office	505-454-2515	fiscaloffice@luna.edu
Registrar's Office/ General Information	505-454-5313	registrar@luna.edu
Student Success Center Office/Accuplacer Testing	505-454-5355	studentsuccess@luna.edu
Veterans Resource Center	505-454-5343	scantu@luna.edu

During this time of crisis, our students' continued education is our No. 1 goal. With limited face-to-face operations and social distancing, Luna Community College strives to make it easier for YOU, the students of Luna, to continue fulfilling your educational goals.

LCC is suspending disenrollment for non-payment by the original deadline, and will accept payment(s) through July 31, 2020, or prior to the Fall semester.

Student Payment Options:

By phone with a debit/credit card: Students may leave a message at 505-454-2506 or 505-454-2515 or e-mail: fiscaloffice@luna.edu with their name, ID number, and a callback number. Your call will be returned, and someone will assist you in processing the payment.

By mail with check/money order (payable to Luna Community College): Students can mail their payments to:

**Luna Community College
c/o Business Office
366 Luna Drive
Las Vegas, NM 87701**

(Be sure to include your name and ID number)

Registration for Summer term begins	Monday, June 1, 2020
Classes begin	Monday, June 8, 2020
Last day to add courses	Friday, June 12, 2020
Last day to drop without a grade	Friday, June 12, 2020
Deadline to change from Audit to Credit	Friday, June 19, 2020
Deadline to change from Credit to Audit	Friday, June 19, 2020
HOLIDAY – Independence Day (Campus closed)	Friday, July 3, 2020
Last day to withdraw from full-term courses	Friday, July 10, 2020
Final exam week	Wednesday, July 29 – Friday, July 31, 2020
Semester ends	Friday, July 31, 2020

For additional information and enrollment policies and procedures,
please visit us at Luna.edu/schedule



ALLIED HEALTH SCIENCES

AH105 Nursing Assistant Training

FOUR CREDIT HOURS

Section 1

Days: MTWRF

Dates: July 20-31

Times: 8 a.m. to 5 p.m.

Instructor: Staff TBA

Restrictions: Instructor approval needed

AH105 Nursing Assistant Training

FOUR CREDIT HOURS

Section 2

Days: MTWRF

Dates: June 8-19

Times: 8 a.m. to 5 p.m.

Instructor: Irma Joy Shrum

Restrictions: Instructor approval needed

Previously offered as CNA 100. This course provides the basic knowledge and skills necessary by nursing assistants to deliver safe and effective care in an acute and long-term health care setting. The nursing assistant works under the direct supervision of a Licensed Practical Nurse or Registered Nurse within the guidelines set by the institution and New Mexico Department of Health and Human Services Department certification guidelines. Upon successful completion of this course, the student is eligible to take the New Mexico Nurse Aide Certification Examination.

AH113E Medical Terminology (DL)

THREE CREDIT HOURS

Section 1

Days: Mondays and Wednesdays

Dates: June 8 to July 31

Times: 5:30-8:20 p.m.

Instructor: Dawna Ortega-Gallegos

Restrictions: Instructor approval needed

Previously offered as BIO103. This course offers a systematic study of medical terms for health professionals who need to acquire a medical vocabulary for their professional training. The student

becomes proficient with prefixes, suffixes and key words that formulate medical terms and the pronunciation of medical terms. A basic review of the major anatomical systems is included.

AH120 CPR for Health Professionals

ONE CREDIT HOUR

Section 1

Days: Tuesdays

Dates: June 8 to July 31

Times: 1-3:10 p.m.

Instructor: Dawna Ortega-Gallegos

This course teaches one- and two-rescuer CPR, AED, Foreign Body Airway Obstruction and barrier devices for adults, children and infants. This course is recommended for persons working in a health care setting and those who need a health care provider course for employment (nurses, EMTs, lifeguards).

DENT209 Professional Ethics

TWO CREDIT HOURS

Section 1

Days: Mondays and Wednesdays

Dates: June 8 to July 31

Times: 6-8:30 p.m.

Instructor: Chantel Rivera

Restrictions: Instructor approval needed

An emphasis on development of professionalism for dental staff. Content will include oral communication, psychology, patient relations, problem solving skills, stress management, and employment ethics. Prerequisites: Successful completion of first two semesters in Dental Assistant program. Corequisites: DENT220 and DENT270.

DENT220 Dental Office Management

TWO CREDIT HOURS

Section 1

Days: Tuesdays and Thursdays

Dates: June 8 to July 31

Times: 6-8:30 p.m.

Instructor: Gloria B. Pacheco

Restrictions: Instructor approval needed

This course introduces the student to the

concepts of the business of dentistry as a service profession, dental team and patient management, legal and ethical issues, and design and equipment placement in the office. In addition, the student will learn the effectiveness of communication, the key to patient success, that includes document management and storage, written communication and telecommunication. Introduction to business office systems such as appointment management, recall, inventory, dental insurance, accounts receivable and accounts payable. Focus and accentuation on technology such as the paperless dental office with the use of computer as a replacement for paper records. Prerequisites: Successful completion of first two semesters in Dental Assistant program. Corequisites: DENT209 and DENT270.

NUTR2110 Nutrition

THREE CREDIT HOURS

Section 1

Days: Tuesdays and Thursdays

Dates: June 8 to July 31

Times: 10 a.m. to 12:50 p.m.

Instructor: Diana L. Bird

This course provides an overview of nutrients, including requirements, digestion, absorption, transport, function in the body and food sources. Dietary guidelines intended to promote long-term health are stressed. Prerequisites: ENG095 and READ095, or ENG098, or equivalent COMPASS/ACT scores. Previously AH210.

SPAN1410E Spanish for Health Care Professionals

THREE CREDIT HOURS

Section 1

Days: Mondays and Wednesdays

Dates: June 8 to July 31

Times: 6-8:50 p.m.

Instructor: Annette M. Painter

Restrictions: Advisor approval required

This course is designed to develop the

student's ability to understand, speak, read and write the Spanish language within a health profession framework because linguistic and cultural knowledge are essential for communication with patients. Previously offered as SPAN212. This course requires approval of your academic advisor for enrollment.

BUSINESS

ECON2110E Macroeconomic Principles (DL)

THREE CREDIT HOURS

Section 1

Days: Async

Dates: June 8 to July 31

Times: Async

Instructor: Nicholas J. Bergan

Restrictions: Advisor approval required

This course emphasizes the fundamentals of macroeconomics (the study of economy as a whole), fiscal and monetary policy, and the international setting.

ECON2120E Microeconomic Principles (DL)

THREE CREDIT HOURS

Section 1

Days: Async

Dates: June 8 to July 31

Times: Async

Instructor: Nicholas J. Bergan

Restrictions: Advisor approval required

This course emphasizes the part of economics concerned with such individual units within the economy as industries, firms, and households and with individual markets, particular prices, and specific goods and services. NM Common Course Number: ECON2123.

EDUCATION

ECED1120 Guiding Young Children

THREE CREDIT HOURS

Section 1

Days: Mondays, Tuesdays, Wednesdays

Dates: June 8 to July 31

Times: 10-11:50 a.m.

Instructor: Staff

This course explores various theories of child guidance and the practical applications of each. It provides developmentally appropriate methods for guiding children and effective strategies and suggestions for facilitating positive social interactions. Strategies for preventing challenging behaviors through the use of environment, routines and schedule will be presented. Emphasis is placed on helping children become self-responsible, competent, independent, and cooperative learners and including families as part of the guidance approach. Previously ECME240.

ECED1125 Assessment of Children and Evaluation of Programs

THREE CREDIT HOURS

Section 1

Days: Mondays, Tuesdays, Wednesdays

Dates: June 8 to July 31

Times: 8-9:50 a.m.

Instructor: Staff

This basic course familiarizes students with a variety of culturally appropriate assessment methods and instruments, including systematic observation of typically and non-typically developing children. The course addresses the development and use of formative and summative assessment and evaluation instruments to ensure comprehensive quality of the total environment for children, families, and the community. Students will develop skills for evaluating the assessment process and involving other teachers, professionals and families in the process. Previously ECME257.

HUMANITIES

ANTH1115 Intro to Anthropology

THREE CREDIT HOURS

Section 1

Days: Tuesdays and Thursdays

Dates: June 8 to July 31

Times: 9-11:50 a.m.

Instructor: Michael T. Withnall

Anthropology is the systematic study of the humanity both past and present. The course introduces students to the four subfields of anthropology, which include archaeology, biological, linguistic and cultural anthropology. Students will learn about the concepts and methods that anthropologists use to study our species and gain a broader perspective on the human experience. Previously offered as ANTH103.

CJUS1140 Juvenile Justice

THREE CREDIT HOURS

Section 1

Days: Mondays and Wednesdays

Dates: June 8 to July 31

Times: 10 a.m. to 12:50 p.m.

Instructor: Kimberly Baca

This course covers the diversity of the informal and formal juvenile justice system, the process of identifying delinquent behavior, the importance of legislation, law enforcement, courts, diversion, referrals, and juvenile correctional facilities. Prerequisite: CJ1110. Previously CJ215.

CJUS2150 Corrections System

THREE CREDIT HOURS

Section 1

Days: Tuesdays and Thursdays

Dates: June 8 to July 31

Times: 10 a.m. to 12:50 p.m.

Instructor: Jason M. Killian

This course introduces the corrections system in the United States, including the processing of an offender in the system and the responsibilities and duties of correctional professionals. The course covers the historical development, theory, and practice, as well as the institutional and community-based alternatives available in the corrections process. Previously CJ121.

COMM1130 Public Speaking

THREE CREDIT HOURS

Section 1

Days: Mondays and Wednesdays

Dates: June 8 to July 31

Times: 1-3:50 p.m.

Instructor: Richard Baca

This course introduces the theory and fundamental principles of public speaking, emphasizing audience analysis, reasoning, the use of evidence, and effective delivery. Students will study principles of communication theory and rhetoric and apply them in the analysis, preparation and presentation of speeches, including informative, persuasive, and impromptu speeches. Previously SPCH111.

COMM2120 Interpersonal Communication

THREE CREDIT HOURS

Section 1

Days: Tuesdays and Thursdays

Dates: June 8 to July 31

Times: 9-11:50 a.m.

Instructor: Richard Baca

This course provides an introduction to the study of interpersonal communication. Students will examine the application of interpersonal communication in personal and professional relationships. Previously SPCH112.

COMM2120E Interpersonal Communication (DL)

THREE CREDIT HOURS

Section 1

Days: Tuesdays and Thursdays

Dates: June 8 to July 31

Times: 2-4:50 p.m.

Instructor: Justine Chavez

Restrictions: Advisor approval required

This course is an analysis of human communication theories relevant to enhancing inter and intrapersonal communication skills. Topics studied include: self-esteem, perception, verbal and nonverbal language, listening, gender

communication, interpersonal conflict, etc. Previously SPCH112.

ENG106 Reading & Writing for Inquiry

THREE CREDIT HOURS

Section 1

Days: Mondays and Wednesdays

Dates: June 8 to July 31

Times: 1-3:50 p.m.

Instructor: Nathan Baker

ENG106 Reading & Writing for Inquiry

THREE CREDIT HOURS

Section 2

Days: Tuesdays and Thursdays

Dates: June 8 to July 31

Times: 9-11:50 a.m.

Instructor: Nathan Baker

Students will practice fluency and comprehension utilizing diverse texts and strategies such as reading, previewing, note-taking, summarizing, research skills and distinguishing between fact and opinion. The course will improve writing skills, with the focus on fluency and practice. The writing process, prewriting, organizing, drafting, editing and revising is emphasized. Pre-requisite: Placement score equal to ENG 078 or ENG 098 or ENG 106.

ENGL1110 Composition I

THREE CREDIT HOURS

Section 1

Days: Mondays and Wednesdays

Dates: June 8 to July 31

Times: 9-11:50 a.m.

Instructor: Larry Fields Jr.

In this course, students will read, write, and think about a variety of issues and texts. They will develop reading and writing skills that will help with the writing required in their fields of study and other personal and professional contexts.

Students will learn to analyze rhetorical situations in terms of audience, contexts, purpose, mediums, and technologies and apply this knowledge to their reading and writing. They will also gain an understanding of how writing and other

modes of communication work together for rhetorical purposes. Students will learn to analyze the rhetorical context of any writing task and compose with purpose, audience, and genre in mind. Students will reflect on their own writing processes, learn to workshop drafts with other writers, and practice techniques for writing, revising and editing. Prerequisites: ENG095 and READ095, or ENG098, or equivalent COMPASS/ACT scores. NM Common Course Number: ENGL1113.

ENGL1110E Composition I (DL)

THREE CREDIT HOURS

Section 1

Days: Tuesdays and Thursdays

Dates: June 8 to July 31

Times: 9-11:50 a.m.

Instructor: Sherry L. Goodyear

Restrictions: Advisor approval required

This course is designed to develop composition skills. Emphasis of the course is on the development of the multi-paragraph essay and includes practice in selection, organization, and development of topics. The course further provides the student opportunities to improve proficiency with sentence structure, diction, and mechanics. In addition, the student is exposed to research documentation techniques. Students will be required to write several essays demonstrating an understanding of different writing situations and rhetorical modes of exposition. Prerequisites: ENG095 and READ095, or ENG098, or equivalent COMPASS/ACT scores. NM Common Course Number: ENGL1113.

ENGL1120 Composition II

THREE CREDIT HOURS

Section 1

Days: Tuesdays and Thursdays

Dates: June 8 to July 31

Times: 9-11:50 a.m.

Instructor: Larry Fields Jr.

In this course, students will explore

argument in multiple genres. Research and writing practices emphasize summary, analysis, evaluation and integration of secondary sources. Students will analyze rhetorical situations in terms of audience, contexts, purpose, mediums and technologies and apply this knowledge to their reading, writing and research. Students will sharpen their understanding of how writing and other modes of communication work together for rhetorical purposes. The emphasis of this course will be on research methods. Prerequisite: ENG1110. Previously ENGL112.

ENGL1120E Composition II (DL)

THREE CREDIT HOURS

Section 1

Days: Tuesdays and Thursdays

Dates: June 8 to July 31

Times: 1-3:50 p.m.

Instructor: Sherry L. Goodyear

Restrictions: Advisor approval required

This course builds upon the foundation of ENG111 skills. Emphasis of the course is on research-based intermediate exposition, and exploration of argumentative strategies. Attention is given to library research, source evaluation, analysis of written materials, interaction with other's ideas, and the ability to use critical thinking and reasoning to pursue a point. Students will be required to write several essays demonstrating mastery of scholarly formats such as MLA and APA. This course has a portfolio requirement at the end of the semester, which will be evaluated by a committee of writing professors. Prerequisite: ENG1110. Previously ENGL112.

FYEX1110 First-Year Seminar

THREE CREDIT HOURS

Section 1

Days: Mondays and Wednesdays

Dates: June 8 to July 31

Times: 1-3:50 p.m.

Instructor: Justine Chavez

Restrictions: Advisor approval required

This course is designed to help students achieve greater success in college and in life. Students will learn many proven strategies for creating greater academic, professional, and personal success. Topics may include career exploration, time management, study and test-taking strategies to adapt to different learning environments, interpersonal relationships, wellness management, financial literacy, and campus and community resources. This course is a requirement for all First-Time Freshman that test into ENGL106 Reading & Writing for College. Co-Requsite: ENGL106.

MUSC1130 Music Appreciation: Western Music

THREE CREDIT HOURS

Section 1

Days: Mondays and Wednesdays

Dates: June 8 to July 31

Times: 9-11:50 a.m.

Instructor: Edwin G. Aybar Lopez

This course explores the ideas of music in society and its cultural relevance and is designed to increase the students' appreciation of music as well as to enhance their listening skills. Students are introduced to various periods, styles, and composers of music and become acquainted with knowledge and appreciation of Western music from various cultures and times. Previously MUS108.

SOCI1110 Intro to Sociology

THREE CREDIT HOURS

Section 1

Days: Mondays and Wednesdays

Dates: June 8 to July 31

Times: 2-4:50 p.m.

Instructor: Kimberly Baca

This course will introduce students to the basic concepts and theories of sociology, as well as to the methods utilized in sociological research. The course will address how sociological concepts and

theories can be utilized to analyze and interpret our social world, and how profoundly our society and the groups to which students belong influence them. Students will be given the opportunity to challenge their "taken for granted" or "common sense" understandings about society, social institutions, and social issues. Special attention will also be paid to the intimate connections between their personal lives and the larger structural features of social life. In addition, the implications of social inequalities, such as race/ethnicity, gender and social class will be central to the course's examination of social life in the United States.

SPAN1110 Spanish I

THREE CREDIT HOURS

Section 1

Days: Mondays and Wednesdays

Dates: June 8 to July 31

Times: 11 a.m. to 1:50 p.m.

Instructor: Juan B. Ortega

Designed for students with little exposure to Spanish, this course develops basic listening, speaking, reading, and writing skills and basic intercultural competence in interpretive, interpersonal and presentational modes of communication at the Novice Level of proficiency based on ACTFL guidelines. During this course, students perform better and stronger in the Novice-Mid level while some abilities emerge in the Novice-High range. This is an introductory course aimed at helping the student to communicate in Spanish in everyday familiar situations via recognition and production of practiced or memorized words, phrases, and simple sentences. Previously offered as SPAN101.

STEM

BCIS1110E Intro to Information Systems (DL)

THREE CREDIT HOURS

Section 1

Days: Async

Dates: June 8 to July 31

Times: Async

Instructor: Nichole A. Collins

Restrictions: Advisor approval required

This course provides an overview of the basic components and functions of the computer with an emphasis on current business software applications. The course will cover computer operating principles, file management, the Internet, Microsoft Office Suite using Word processing, Excel spreadsheets, Access database, and PowerPoint presentations. Previously offered as CSA150.

BIOL1110E General Biology

THREE CREDIT HOURS

Section 1

Days: Async

Dates: June 8 to July 31

Times: Async

Instructor: Christina Lovato

This course introduces non-science majors to basic biological concepts including, but not limited to, the properties of life, biochemistry, cell biology, molecular biology, evolution, biodiversity, and ecology. Previously offered as Bio105.

BIOL1110LE General Biology Lab

ONE CREDIT HOUR

Section 1

Days: Async

Dates: June 8 to July 31

Times: Async

Instructor: Christina Lovato

This laboratory course for non-science majors complements the concepts covered in the associated general biology lecture course. Students will learn quantitative skills involved in scientific measurement and data analysis. Students will also perform experiments related to topics such as biochemistry, cell structure and function, molecular biology, evolution, taxonomic classification and phylogeny, biodiversity, and ecology. Previously offered as BIO 105L.

BIOL1135E Introductory Environmental Science (DL)

FOUR CREDIT HOURS

Section 1

Days: Async

Dates: June 8 to July 31

Times: Async

Instructor: Rachael M. Lucero

Restrictions: Advisor approval required

This course includes a survey of environmental science and ecology with an introduction to problems of pollution, population, land use, energy, nutrients cycling, agriculture and pest control. Laboratory provides observation and experimentation relating to topics covered in the lecture. Previously offered as ENVS102. This course requires approval of an advisor prior to enrollment.

BIOL1135LE Introductory Environmental Science Lab (DL)

ZERO CREDIT HOURS

Section 1

Days: Async

Dates: June 8 to July 31

Times: Async

Instructor: Rachael M. Lucero

Restrictions: Advisor approval required

This course includes a survey of environmental science and ecology with an introduction to problems of pollution, population, land use, energy, nutrients cycling, agriculture and pest control. Laboratory provides observation and experimentation relating to topics covered in the lecture. Previously offered as ENVS102L. This course requires approval of your academic advisor for enrollment.

BIOL2110 Principles of Biology: Cellular and Molecular Biology

THREE CREDIT HOURS

Section 1

Days: Tuesdays and Thursdays

Dates: June 8 to July 31

Times: 9-11:50 a.m.

Instructor: Rachael M. Lucero

This course introduces students to major topics in general biology. This course focuses on the principles of structure and function of living things at the molecular, cellular and organismic levels of organization. Major topics included are introduction to the scientific process, chemistry of cells, organization of cells, cellular respiration, photosynthesis, cell division, DNA replication, transcription and translation. Prerequisite: BIO110 or BIO217. Previously offered as BIO111.

BIOL2110L Principles of Biology: Cellular and Molecular Biology Lab

ONE CREDIT HOUR

Section 1

Days: Tuesdays and Thursdays

Dates: June 8 to July 31

Times: 1-2:50 p.m.

Instructor: Rachael M. Lucero

This laboratory accompanies BIOL2110.

CHEM1215 General Chemistry I

THREE CREDIT HOURS

Section 1

Days: Mondays and Wednesdays

Dates: June 8 to July 31

Times: 9-11:50 a.m.

Instructor: Rachael M. Lucero

This course is intended to serve as an introduction to General Chemistry for students enrolled in science, engineering and certain preprofessional programs. Students will be introduced to several fundamental concepts, including mole, concentration, heat, atomic and molecular structure, periodicity, bonding, physical states, stoichiometry and reactions. Corequisite: MATH1220. Previously CHEM111.

CHEM1215L General Chemistry I Lab

ONE CREDIT HOUR

Section 1

Days: Mondays and Wednesdays

Dates: June 8 to July 31

Times: 1-2:50 p.m.

Instructor: Rachael M. Lucero

General Chemistry I Laboratory for Science Majors is the first semester laboratory course designed to complement the theory and concepts presented in General Chemistry I lecture. The laboratory component will introduce students to techniques for obtaining and analyzing experimental observations pertaining to chemistry using diverse methods and equipment Prerequisite: MATH1220. Previously CHEM 111.

CS105E Intro to Computer Science

THREE CREDIT HOURS

Section 1

Days: MTWRF

Dates: June 8 to July 31

Times: 9-10:50 a.m.

Instructor: Nichole A. Collins

This course is an introduction to computer science and computer information systems. The intent of this course is to prepare students and provide them with the terminology and a brief understanding of concepts within the computing field. Topics will include computer history, algorithms, computer architecture, programming languages, applications, social issues and ethics. Students should have an understanding of how to use a computer and basic software such as MS Word and the internet prior to taking this course.

CS219E Ethical Hacking (DL)

THREE CREDIT HOURS

Section 1

Days: Async

Dates: June 8 to July 31

Times: Async

Instructor: Nichole A. Collins

Restrictions: Advisor approval required

This course focuses on the skill of penetration testing and ethical hacking with the use of various testing tools to analyze networks for vulnerabilities. Ethical hackers and penetration testers are skilled professionals who understand and know how to look for weakness and

vulnerabilities in target systems, and uses the same knowledge and tools as a malicious hacker, but in lawful and ethical manner. Students will be aware of and understand network attack strategies, and common countermeasures. This knowledge will help students improve network security and counter these vulnerabilities. This course will prepare students for current industry certification. Pre-requisite: CS 130 Introduction to Networking or permission of instructor.

CS245E Security+ (DL)

THREE CREDIT HOURS

Section 1

Days: Async

Dates: June 8 to July 31

Times: Async

Instructor: Nichole A. Collins

Restrictions: Advisor approval required

Security+ prepares students for CompTIA's Security+ Certification Exam; SY0-301. The curriculum emphasizes control of security, system access, and network infrastructure. Prerequisite: CS220.

MATH075 General Mathematics

FOUR CREDIT HOURS

Section 1

Days: MTWRF

Dates: June 8 to July 31

Times: 9-10:50 a.m.

Instructor: Staff

Previously offered as MATH105. This course will cover skills/concepts of arithmetic with an introduction to basic algebra for students needing to strengthen their basic mathematical background. Emphasis will be placed on ratios, proportions, percentages, measurement, graphs, geometric concepts, real number systems concepts, signed numbers, and linear equations in one variable.

MATH095E Algebra with Applications (DL)

FOUR CREDIT HOURS

Section 1

Days: MTWRF

Dates: June 8 to July 31

Times: 8-9:50 a.m.

Instructor: Betsy Sanchez

Restrictions: Advisor approval required

Previously offered as MATH106. This course will provide a mathematically sound and comprehensive coverage of the basic computational skills involved in introductory algebra. Emphasis will be placed on solving linear equations/inequalities, absolute value equations, inequalities, graphing simple functions, finding the slope/equation of a straight line, study of parallel/perpendicular lines, and graphing linear inequalities in two variables. This course will also provide extensive coverage of applied geometry as it relates to calculating perimeters, areas, surface areas and volumes. Prerequisite: MATH075 or equivalent COMPASS/ACT score.

MATH102 Math Preparation & Pre-Algebra

FIVE CREDIT HOURS

Section 1

Days: MTWRF

Dates: June 8 to July 31

Times: 8-12:50 p.m.

Instructor: Dan M. Gonzales

The major topics for the course are Pre-Algebra with an emphasis on arithmetic skills. This is a non-calculator course that combines basic college math and pre-algebra. Pre-algebra includes basic operations and solving equations using the whole number, integers, rational numbers (fractions & decimals) as well as working with ratios, percentages, proportions and geometry. Pre-requisite placement with Accuplacer score of 65 or less and/or ACT/SAT equivalent.

MATH1215E Intermediate Algebra (DL)

FOUR CREDIT HOURS

Section 1

Days: MTWRF

Dates: June 8 to July 31

Times: 3-4:50 p.m.

Instructor: Betsy Sanchez

Restrictions: Advisor approval required

This course is the study of linear equations and inequalities, linear functions in two variables, systems of linear equations, polynomials and rational expressions, factoring and its applications, solving quadratic equations, evaluating and simplifying radicals and the quadratic formula. Applications in the areas of technology, medicine and business will be emphasized. Prerequisite: MATH095 or equivalent COMPASS/ACT score.

MATH1220E College Algebra (DL)

FOUR CREDIT HOURS

Section 1

Days: MTWR

Dates: June 8 to July 31

Times: 10-11:50 a.m.

Instructor: Betsy Sanchez

Restrictions: Advisor approval required

This course is the study of exponentials, evaluating/simplifying radical expressions, simplifying/factoring polynomial expressions, evaluating/simplifying functions, graphing functions, finding and graphing inverse functions, properties of linear and polynomial functions, graphing rational functions, evaluating and graphing exponential and logarithmic functions. Additionally, this course serves as a preparatory course for trigonometry or calculus. Prerequisite: MATH1215 or equivalent COMPASS/ACT score.

MATH1350 Introduction to Statistics

THREE CREDIT HOURS

Section 1

Days: MTWR

Dates: June 8 to July 31

Times: 1-2:50 p.m.

Instructor: Dan M. Gonzales

This course discusses the fundamentals of descriptive and inferential statistics. Students will gain introductions to topics such as descriptive statistics, probability and basic probability models used in

statistics, sampling and statistical inference, and techniques for the visual presentation of numerical data. These concepts will be illustrated by examples from a variety of fields. Course previously MATH130 Introduction to Statistics. Prerequisite MATH1215 Intermediate Algebra.

