Non-Credit (NC)

NC 100 Supervised Tutoring (N/A)

Class Hours: *90 Laboratory* *P/NP*

Supervised Tutoring

NC 100 provides tutorial services to assist students in successfully attaining their educational objectives. Hours will vary depending upon individual student needs. Tutoring will take place in the Learning Resource Center.

NC 050 Intro to Tutoring & Supp Instr (N/A)

Class Hours: *18 Lecture* *P/NP*

Introduction to Tutoring and Supplemental Instruction

NC 050 is an intensive introduction to tutoring and Supplemental Instruction (SI) that provides students with information, techniques, and experiences that will make them more effective tutors/SI leaders.

NC 061 Nurse Assistant Training (N/A)

Class Hours: *198 Lecture* *P/NP*

Prerequisite(s): *1) Students must be at least 17 years of age and pass a physical examination and submit fingerprints for FBI and DOJ clearance. 2) Students must possess an "American Heart Association CPR for the Healthcare Provider" certificate.*

Nurse Assistant Training

NC 061 is a nine-week course approved by the Department of Health Services. A combination of theory, skills laboratory, and in-hospital training prepares the student for the certification examination that grants the title of CNA in California.

NC 110 Basic Computer Skills (N/A)

Class Hours: *54 Laboratory* *P/NP*

Basic Computer Skills

NC 110 equips students with essential computer skills necessary for success in diverse professional settings. Through engaging lectures and practical computer lab sessions, students will develop proficiency in the Microsoft Office Suite (Word, Excel, PowerPoint, and Outlook), as well as Google Docs, Google Sheets, and other key online platforms built around computer-based tasks. The course covers effective Internet navigation, proper email etiquette, and best practices for digital communication. Additionally, students will gain hands-on experience with word processing, spreadsheets, workbooks, and presentation software, applying these skills to real-world business challenges through interactive projects.

NC 115 Foundation of Basic English Sk (N/A)

Class Hours: *54 Lecture* *P/NP*

Foundation of Basic English Skills

NC 115 is for students whose native language is not English. This course includes developing non-native speaker oral skills to establish and maintain direct conversation and communication with native speakers of English. This course focuses on a range of skill sets; including improving listening comprehension, speaking through correct grammatical use with an emphasis on developing conversation skills for everyday situations, beginning vocabulary, and sentence building.

NC 120 Beg Read Writing & Spk Skills (N/A)

Class Hours: *54 Lecture* *P/NP*

Beginning Reading, Writing, & Speaking Skills

NC 120 is for students whose native language is not English. This course includes listening and speaking through correct grammatical use with an emphasis on developing conversation skills for everyday situations.

NC 200 College Reading and Writing Pr (N/A)

Class Hours: *36 Lecture* *P/NP*

Corequisite(s): *ENG 001A (ENGL C1000)*

College Reading and Writing Preparedness

NC 200 is designed to provide support for students in English 001A. This course will give students additional time in class to better prepare them for the rigorous English 001A material. This course is combines with English 001A; students who wish to receive the additional curricular support will need to be enrolled in this section as well as its 001A counterpart.

NC 201 Algebra Support (N/A)

Class Hours: *36 Lecture* *P/NP*

Corequisite(s): *MATH 063 or MATH 064*

Algebra Support

NC 201 is a review of the core prerequisite skills, competencies, and concepts needed in intermediate algebra. Topics include: a review of computational skills, order of operations, factoring, operations on rational and radical expressions, exponential and logarithmic expressions and equations, linear and quadratic functions. Intended for majors in science, technology, engineering, and mathematics who are concurrently enrolled in MATH 064 or MATH 063.

NC 202 Intro to Statistics Support (N/A)

Class Hours: *36 Lecture* *P/NP*

Corequisite(s): *MATH 025 (STAT C1000)*

Introduction to Statistics Support

NC 202 is a review of the core prerequisite skills, competencies, and concepts needed in statistics. Topics include concepts from arithmetic, pre-algebra, elementary and intermediate algebra, and descriptive statistics that are needed to understand the basics of college-level statistics. The course is for students who are concurrently enrolled in MATH 025.

NC 203 Precalculus Support (N/A)

Class Hours: *36 Lecture* *P/NP*

Corequisite(s): *MATH 015 or MATH 016*

Precalculus Support

NC 203 is a review of the core prerequisite skills, competencies, and concepts needed in precalculus. Topics include: a review of computational skills developed in intermediate algebra, factoring, operations on rational and radical expressions, absolute value equations and inequalities, exponential and logarithmic expressions and equations, conic sections, functions including composition and inverses, an in-depth focus on quadratic functions, and a review of topics from geometry. This course is intended for students who are concurrently enrolled in MATH 015 or MATH 016.

NC 204 Contemporary Mathematics Suppo (N/A)

Class Hours: *18 Lecture* *P/NP*

Corequisite(s): *MATH 045*

Contemporary Mathematics Support

NC 204 is a support class that will cover math topics such as algebraic operations, functions, data analysis, modeling, and problem-solving. We will analyze practice problems and work together to strengthen our skills and understanding of these topics with the purpose of succeeding in MATH 045, Contemporary Mathematics. This course is only for students who are enrolled in MATH 045 at the same time.

NC 205 Structure & Concepts in Math I (N/A)

Class Hours: *18 Lecture* *P/NP*

Corequisite(s): *MATH 010A*

Structure & Concepts in Math I Support

NC 205 is designed as a corequisite support course for students who are concurrently enrolled in the parent course, MATH 010A, and are placed into this course using multiple measures. The parent course is designed for prospective elementary school teachers. This course focuses on the necessary supporting skills for the study of the development of quantitative reasoning and the real number systems and subsystems.

NC 206 Quantitative Analysis Support (N/A)

Class Hours: *18 Lecture* *P/NP*

Corequisite(s): *MATH 039*

Quantitative Analysis Support

NC 206 is a support class to review basic skills and concepts that you might have forgotten. Topics include concepts from arithmetic, pre-algebra, elementary and intermediate algebra, and descriptive statistics, which are necessary skills you will need to be successful in MATH 039. This course is only for students who are enrolled in MATH 039 at the same time.

NC 210 ESL for College and Work (N/A)

Class Hours: *54 Lecture* *P/NP*

ESL for College and Work

NC 210 is designed to help the English Language Learner acquire general language skills needed to function effectively in work and academic environments. Emphasis is placed on practice of listening, speaking, reading, writing, and computer skills. This noncredit low-intermediate level ESL course develops oral and written communication skills in English within the context of work environments. Students study and practice vocabulary for communicating with employers, customers, and industry professionals. Students learn about American customer service culture and explore opportunities in their career industry.

NC 125 Inter Read, Writing & Speaking (N/A)

Class Hours: *54 Lecture* *P/NP*

Intermediate Reading, Writing & Speaking

ESL 125 is for students whose native language is not English but who can already speak basic English. This course continues conversation practice with an emphasis on increasing vocabulary, fluency and reading comprehension.

NC 130 Advanced Reading, Writi & Spea (N/A)

Class Hours: *54 Lecture* *P/NP*

Advanced Reading, Writing & Speaking

ESL 130 is for students whose native language is not English. This course emphasizes advanced reading, grammar and sentence writing. This course prepares students for college level reading and writing.

NC 135 Adv Comm Skills for Life & Car (N/A)

Class Hours: *54 Lecture* *P/NP*

Advanced Communication Skills for Life And Career

ESL 135 is for students who have advanced ESL skills in reading, writing, and speaking. Students will practice communication skills necessary for career and life. This will be done through presentations, role playing, and mock interviews.

NC 144 OSHA 10 Safety (N/A)

Class Hours: *8 Lecture | 2 Laboratory* *P/NP*

OSHA 10 Safety

NC 144 provides students with the basic skills for understanding safety in the workplace. Topics covered include OSHA regulations, personal protective equipment, and common workplace hazards. Students will learn proper use of common tools and safety in workplace situations. Successful students will receive an official OSHA10 card, accepted by industry, as documentation of course completion.

NC 145 Precision Measuring (N/A)

Class Hours: *20 Lecture* *P/NP*

Precision Measuring

NC 145 provides students with knowledge and skills on how to select, inspect, use, and care for levels; use of feeler gauges, calipers, micrometers, height gauges, and surface plates. Measuring tools to monitor and evaluate equipment such as dial indicators, pyrometers, and thermal/vibration analysis will also be covered. Students will be able to apply these precise measuring skills to various manufacturing practices such as measuring tolerances in equipment or products.

NC 146 Industrial Valves (N/A)

Class Hours: *15 Lecture* *P/NP*

Industrial Valves

NC 146 will prepare you with the skills and knowledge of industrial valves necessary to advance your career as a skilled industrial maintenance mechanic. Faculty will provide a supportive and inclusive learning environment covering industrial valve identification, install and maintenance.

NC 147 Bearings (N/A)

Class Hours: *35 Lecture* *P/NP*

Bearings

NC 147 will prepare you with the skills and knowledge of industrial bearings necessary to advance your career as a skilled industrial maintenance mechanic. Faculty will provide a supportive and inclusive learning environment covering bearing identification, troubleshooting and replacement.

NC 148 Industrial Pumps and Drives (N/A)

Class Hours: *30 Lecture* *P/NP*

Industrial Pumps and Drives

NC 148 will prepare you with the skills and knowledge of industrial pumps and drives necessary to advance your career as a skilled industrial maintenance mechanic. Faculty will provide a supportive and inclusive learning environment covering industrial pump and drive uses, install, and maintenance.

NC 149 Industrial Machine Alignment (N/A)

Class Hours: *60 Lecture* *P/NP*

Industrial Machine Alignment

NC 149 will prepare you with the skills and knowledge of industrial machine alignment necessary to advance your career as a skilled industrial maintenance mechanic. Faculty will provide a supportive and inclusive learning environment covering baseplates and the alignment of motors and coupling systems.

NC 150 Gaskets and Seals (N/A)

Class Hours: *30 Lecture* *P/NP*

Gaskets and Seals

NC 150 will prepare you with the skills and knowledge of industrial gaskets and seals necessary to advance your career as a skilled industrial maintenance mechanic. Faculty will provide a supportive and inclusive learning environment covering industrial gaskets and seal identification, install and maintenance.

NC 151 State Laws and Federal Regulat (N/A)

Class Hours: *54 Lecture* *P/NP*

State Laws and Federal Regulations

NC 151 provides students with an introduction to the trucking industry, rules, and regulations to prepare students for the written test to obtain a CLP (Commercial Learners Permit) from the state of California. Students will also complete the FMCSA (Federal Motor Carrier Safety Administration) requirements for the theory portion of the ELDT (Entry Level Drivers Training). Individuals must be at least 18 years of age and have a valid driver's license in order to hold a CLP.

NC 152 Safe Operation Fundamentals (N/A)

Class Hours: *54 Lecture* *P/NP*

Safe Operation Fundamentals

NC 152 will prepare you with the skills and knowledge for a career in the Truck Driving industry. Faculty will provide a supportive and inclusive learning environment covering vehicle inspection and control portions for the Commercial Drivers License (CDL) in the state of California. Students will leave the class well-prepared for both federal and state commercial driving requirements.

NC 152A Citizen/The Naturalization (N/A)

Class Hours: *36 Lecture* *P/NP*

Citizenship/The Naturalization

NC 152A is for legal residents who want to become citizens of the United States. The course provides an introduction to the naturalization process, clarifying eligibility requirements, forms and interview procedures, photo specifications, and the rights and responsibilities of U.S. Citizenship. In addition, this course will prepare the students to demonstrate their proficiency in writing, reading, and the understanding of the English language.

NC 152B Citizenship/US Hist & Govern (N/A)

Class Hours: *36 Lecture* *P/NP*

Citizenship/U.S. History and Government

NC 152B is for legal residents who want to become citizens of the United States. This course prepares students for the U.S. Citizenship History and Government test requirements.

NC 157 Fitness for Life (N/A)

Class Hours: *54 Laboratory* *P/NP*

Fitness for Life

NC 157 is a course in mild exercise designed essentially for middle and older adults who, for one reason or another, have not maintained a satisfactory level of physical activity.

NC 158 Operations of Commercial Vehic (N/A)

Class Hours: *18 Lecture | 108 Laboratory* *P/NP*

Operations of Commercial Vehicles

NC 158 provides practical and theoretical knowledge in the operation of two- and three-axle tractor trailer combinations on a driving range and highway. Student will drive commercial vehicles equipped with automatic transmissions and be introduced to shifting a dual-range transmission. Additionally, students will be oriented in California state laws pertaining to a commercial motor vehicle, which prepares them for the CDL Skills and Knowledge Test for the Class A license. Students will also complete the FMCSA (Federal Motor Carrier Safety Administration) requirements for the behind-the-wheel public road portion of the ELDT (Entry Level Drivers Training).

NC 160 GED Preparation Program (N/A)

Class Hours: *162 Laboratory* *P/NP*

GED Preparation Program

NC 160 equips individuals with the skills and knowledge base necessary to pass the GED exam. Students review the five GED content areas (language arts-reading and writing, mathematics, social studies, and science) with particular emphasis on writing and math. Instructors will assess individual skills levels to help the student focus on tutoring weakness into strengths. Additionally, the GED Preparation program will provide students with Adult Basic Education (ABE)lessons which include the Test of Adult Basic Education (TABE) Test, offering opportunities to further build skills in the areas of reading, writing, and math. Along with (ABE) training, the GED Preparation program will also provide Basic Skills/ English as a Second language (ESL) instruction. Students will use computer based tutorials to practice and improve their English language skills.

NC 162 High School equivalency (HSE) (N/A)

Class Hours: *54 Lecture | 108 Laboratory* *P/NP*

High School Equivalency (HSE) Preparation

NC 162 prepares individuals with the skills and knowledge base necessary to pass the HSE exam. Students review the examination content areas (language arts - reading and writing, mathematics, social studies, and science) with particular emphasis on writing and math. Instructors will assess individual skill levels to help the student focus on tutoring weaknesses into strengths.

NC 169 Commercial Driver Testing (N/A)

Class Hours: *27 Laboratory* *P/NP*

Commercial Driver Testing

NC 169 offers students the opportunity to test for a commercial drivers license with the California DMV (Department of Motor Vehicles). Students will utilize classroom and laboratory experiences to license as a commercial driver.

NC 180 Survey of Unmanned Aerial Syst (N/A)

Class Hours: *18 Lecture* *P/NP*

Survey of Unmanned Aerial Systems

NC 180 is an introduction to unmanned aerial systems (UAS) for students that want to learn more about regulations for UAS, applications of UAS; and flight procedures. These topics are designed to provide familiarity with terminology, value of UAS in business, and use of UAS for imagery and data collection. This course is a precursor to a series of credit courses on liability issues, flight techniques, and passing the Part 107 certification test.

NC 181 Unmanned Aerial Systems Flight (N/A)

Class Hours: *18 Lecture* *P/NP*

Prerequisite(s): *NC-180 or Current Part 107 Certification License*

Unmanned Aerial Systems Flight Procedures

NC 181 will provide a supportive and inclusive learning environment for students to develop the ability to plan and direct autonomous flight operations. The course provides detailed instruction and practice in flight operations of rotor and fixed-wing types of Unmanned Aerial Systems (UAS). Flight operations include: development of mission plan for autonomous flight; preflight checks and documentations; launch, flight, and return home techniques; and post-flight operations. Students are recommended to have a Part 107 certification license for class. UAS are provided, though students have the option to use their own UAS if it meets requirements.

NC 182 Understandng Flow and Pressure (N/A)

Class Hours: *18 Lecture* *P/NP*

Understanding Flow and Pressure

NC 182 provides a supportive, collaborative environment in which students will gain fundamental understanding of flow, pressure, and friction loss in irrigation systems. Students will develop the ability to operate, schedule, and manage advanced irrigation systems and explore the application of these concepts in diverse settings and contexts, developing the skills needed for success in a variety of agricultural, landscaping, and water management roles.

NC 183 Use of Fld Moble Computng Dev (N/A)

Class Hours: *16 Laboratory* *P/NP*

Use of Field Mobile Computing Devices

NC 183 provides computer literacy for the technician working with field tablets, handheld computers, or mobile devices, in irrigation, pest management, agriculture production, animal science, precision agriculture, or industrial technical areas. The course focuses on advanced settings and functions usually found within mobile devices including GPS, inertial measurement units, temperature or other data collection sensors, and the apps that utilize them.

NC 184 Maintnce of Ag Irrigtion Filtr (N/A)

Class Hours: *18 Laboratory* *P/NP*

Maintenance of Agriculture Irrigation Filter Systems

NC 184 provides students with the basic skills to determine the proper maintenance tasks for common agriculture irrigation filtering systems, complete those tasks, and evaluate the proper operation of a filtering system. Fundamental knowledge of filter system types, parts, functions, and purposes will also be covered.

NC 185A Installing Field Sensors (N/A)

Class Hours: *8 Lecture | 8 Laboratory* *P/NP*

Installing Field Sensors Filter Systems

NC 185A provides students with the knowledge and skills to install in-field sensors including: volumetric water content and soil tension moisture sensors, and pressure transducers for irrigation lines. Best practices for installation will be discussed and demonstrated in the field. In addition the value of other sensors such as sap flow, surface renewal, and flowmeters will be discussed.

NC 185B Installng Automtc Irrig Snsrs (N/A)

Class Hours: *4 Lecture | 10 Laboratory* *P/NP*

Installing Automated Irrigation Systems Filter Systems

NC 185B provides an understanding of how automated irrigation operates and the knowledge and skills to install an automated irrigation system in the field. Two different automated systems will be used as examples to identify components, select and install correct configuration based on a systems design, check for correct connections, and complete mounting in the field.

NC 185C Schedulng Automated Irrigatio (N/A)

Class Hours: *9 Lecture | 9 Laboratory* *P/NP*

Scheduling Automated Irrigation Systems Filter Systems

NC 185C provides understanding of how automated irrigation operates and the detailed use of software to complete an automated irrigation schedule. Two different irrigation software will be used to identify communication nodes, monitor pressures and flow, and turn on pumps and valves for a specified time period.

NC 186 Maintenance of Irrigation Pump (N/A)

Class Hours: *18 Lecture* *P/NP*

Maintenance of Irrigation Pumping and Delivery

NC 186 provides students with supportive, hands-on training to develop the ability to perform basic maintenance tasks for pumping systems and irrigation lines including pump lubrication, evaluation of bearings, troubleshooting, and care and flushing of lines. We will work together to help you to gain an understanding of irrigation system parts and functions, in short, to keep water flowing and plants growing!

NC 187 Impacts of the Sustainable Gro (N/A)

Class Hours: *27 Lecture* *P/NP*

Impacts of the Sustainable Groundwater Management Act (sgma)

NC 187 fosters the growth of future agricultural leaders, regardless of background. We provide a supportive environment for students to develop their knowledge regarding the Sustainable Groundwater Management Act (SGMA). The course will enable students to develop an understanding of how this act will impact water use and agriculture in the Central Valley. We will review the key requirements of SGMA, explore the roles of Groundwater Sustainability Agencies (GSAs), and review current Groundwater Sustainability Plans that are or will be implemented in groundwater basins in the Central Valley.

NC 188 Applications of Uas in Agricul (N/A)

Class Hours: *18 Lecture* *P/NP*

Prerequisite(s): *NC-181*

Applications of Uas in Agriculture

NC 188 offers a dynamic, hands-on experience in utilizing Unmanned Aerial Systems (UAS) equipped with various payloads. UAS technology empowers individuals from diverse backgrounds to contribute to a growing field with valuable applications. In this supportive, hands-on learning environment, you will explore capturing high-resolution imagery for agriculture and other industries and examine the expanding role of UAS in tasks such as crop spraying, beneficial insect delivery, and security. The course delves into processing captured data, setting up sprayer payloads, and exploring various control options for these versatile systems.

NC 191 Agriculture Technical Literacy (N/A)

Class Hours: *36 Lecture* *P/NP*

Agriculture Technical Literacy

In NC 191, you will develop the skills to identify and utilize digital technology in agriculture, write effective agricultural technical reports, and interpret industry documents. Upon completion you'll be equipped to leverage technology for enhanced farm management and data analysis, contributing to a more diverse and equitable agricultural industry.

NC 192 Agricultural Systems (N/A)

Class Hours: *54 Lecture* *P/NP*

Agricultural Systems

In NC 192, you will dive into understanding the core principles of the agricultural industry, exploring plant science, crop production systems, and animal systems. Through this course, will acquire essential knowledge and skills to navigate these systems effectively, fostering equity and understanding within the agricultural community.

NC 193 Agricultural Safety (N/A)

Class Hours: *36 Lecture* *P/NP*

Agricultural Safety

In NC 193, you will learn how to maintain a safe and compliant work environment in agriculture by following Occupational Safety & Health Administration (OSHA) standards, safely operating hand power tools, and implementing best practices for manufacturing, food safety, and sanitation. Through these skills, you'll be empowered to prioritize workplace safety and uphold the dignity of all individuals involved in agricultural operations.

NC 194 Equip Operatns, Config. & Trou (N/A)

Class Hours: *54 Lecture* *P/NP*

Equipment Operation, Configuration, & Troubleshooting

In NC 194, you will gain hands-on experience operating electronic and mechanical equipment used in agriculture, setting up equipment safely for tasks, and troubleshooting issues across electrical, mechanical, and software systems. Whether you're a novice or an experienced technician, this course ensures you will develop a robust understanding to succeed in industrial, agricultural, and mechanical fields. Through inclusive practices, you will thrive in mastering the intricacies of various equipment, fostering an environment where all students can excel.

NC 195 Workplace Effectiveness (N/A)

Class Hours: *36 Lecture* *P/NP*

Workplace Effectiveness

In NC 195, you will learn effective communication, time management, workplace policies, and conflict resolution strategies essential for success in the agriculture industry. Through this course, you will learn to navigate organizational structures, foster collaborative relationships, and communicate inclusively within the workplace using industry methods. With a focus on inclusive communication and equitable participation, you'll be prepared to thrive in diverse work environments, ensuring equal opportunities for all to contribute effectively.