



**Architecture
& Construction**



**Business
Management
& Administration**



**Education
& Training**



**Government
& Public
Administration**



Health Science



**Hospitality
& Tourism**



**Information
Technology**



**Transportation,
Distribution
& Logistics**

CAREER AND TECHNICAL EDUCATION

ACCOUNTING II

CT6012

GRADE PLACEMENT 11-12

CREDIT: 1

PREREQUISITE: Accounting I

DESCRIPTION: Students will build on the introductory skills they learned in Accounting I. This course will review the complete accounting cycles for sole proprietorship, partnership, and corporations, and learn specialized systems such as departmental, branch accounting, voucher system, manufacturing accounting, inventories, and depreciation. These skills will ensure that any student who completes this class will be successful in the workforce as an accountant. There is a UIL academic competition for Accounting for those students who excel and wish to challenge themselves.

This course may count as a 4th math credit.

ANATOMY AND PHYSIOLOGY OF HUMAN SYSTEMS

SC3212

GRADE PLACEMENT: 11*-12

CREDIT: 1

PREREQUISITE: Biology, Chemistry, or Physics

DESCRIPTION: In this course, students conduct laboratory investigations and fieldwork, use scientific methods during investigations, and make informed decisions using critical thinking and problem solving. Topics will be presented through an integration of biology, chemistry, and physics. Students will learn the structures and functions of the human body and body systems and will investigate the body's responses to forces, maintenance of homeostasis, electrical interactions, transport systems, and energy systems. This course must include at least 40% laboratory investigation and fieldwork using appropriate scientific inquiry. *NOTE: 11th grade students require co-enrollment in another science and must be a Health Science Technology major.

ANATOMY AND PHYSIOLOGY OF HUMAN SYSTEMS (FOR HEALTH SCIENCE STUDENTS)

CT3313

GRADE PLACEMENT: 11*-12

CREDIT: 1

PREREQUISITE: Biology, Chemistry, or Physics & must be in health science program of study

DESCRIPTION: In this course, students conduct laboratory investigations and fieldwork, use scientific methods during investigations, and make informed decisions using critical thinking and problem solving. Topics will be presented through an integration of biology, chemistry, and physics. Students will learn the structures and functions of the human body and body systems and will investigate the body's responses to forces, maintenance of homeostasis, electrical interactions, transport systems, and energy systems. This course must include at least 40% laboratory investigation and fieldwork using appropriate scientific inquiry. *NOTE: 11th grade students require co-enrollment in another science and must be a Health Science Technology major.

ANIMATION I / LAB

CT1712

GRADE PLACEMENT: 10-12

CREDIT: 2

PREREQUISITE: Introduction to Multimedia

DESCRIPTION: An instructional hands-on course designed to provide job-specific training for entry-level employment in computer animation. Companies are always looking for Lead Character, 2D and 3D Animators. Want to make awesome cartoons with amazingly talented artists using the latest technology infused with Old School Principles and techniques? This course will be the perfect addition for someone who loves to problem solve and use their amazing creativity used in improving the quality level in each scene! Student must have drive, determination, creative problem-solving skills and a keen eye for detail. If you possess the ability to multitask and work collaboratively in a team environment, then this course is for you.
NOTE: This course may articulate with ACC.

ANIMATION II / LAB

CT1715

GRADE PLACEMENT: 11-12

CREDIT: 2

PREREQUISITE: Animation I / Lab

DESCRIPTION: In addition to developing advanced knowledge and skills needed for success in the Arts, Audio/Video Technology, and Communications Career Cluster®, students will be expected to create two-and three-dimensional animations. The instruction also assists students seeking careers in the animation industry.

AUDIO VIDEO PRODUCTION I / LAB

CT2108

GRADE PLACEMENT: 10-12

CREDIT: 2

PREREQUISITE:: Introduction to Multimedia

DESCRIPTION: Do you want to be a movie director, YouTube star, or music producer/DJ? This class provides the tools needed to get into the industry. Students will collaborate with others to learn the basics of lighting, storyboarding, scriptwriting, video recording and editing, and music production. Students will have access to GoPro's, HD camcorders, studio microphones, Adobe Suite (Photoshop, Premiere Pro, After Effects, etc.), and Apple iMac desktop computers. This class is mandatory for those interested in DVTV's broadcast productions.

NOTE: This course articulates with ACC.

AUDIO VIDEO PRODUCTION II

CT2110

GRADE PLACEMENT: 11-12 (CTE advanced course)

CREDIT: 2

PREREQUISITE: Audio/Video Production I

DESCRIPTION: Students take a deeper look into the technical aspects of video and music production. Through project based learning, students will advance their editing techniques and use industry standard camera and audio equipment/instruments to produce content. Students will recreate video memes and develop original (safe from copyright) instrumentals and vocals. Student videographers will receive court and field access to film athletic events at home and away. This is a double blocked class (two back-to-back class periods) and creation of original content and/or contribution to DVTV productions is required.

AUTOMOTIVE TECHNOLOGY I

CT1801

GRADE PLACEMENT: 10-12

CREDIT: 2

PREREQUISITE: Intro to Transportation Technology previously Principles of Transportation, Distribution and Logistics

DESCRIPTION: Provides job-specific training for entry-level employment in the automotive engine repair and service career field. The course emphasizes use of repair manuals, service

and/or repair of basic automobile components-fuel systems, engines, emission controls, power trans, chassis, electrical systems, brakes, heating and air conditioning. NOTE: This course may articulate with ACC .

AUTOMOTIVE TECHNOLOGY II

CT1802

GRADE PLACEMENT: 11-12 (CTE advanced course)

CREDIT: 2

PREREQUISITE: Automotive Technology I

DESCRIPTION: Instruction is designed to provide job-specific training for entry-level employment in the automotive engine repair and service career field. This course enhances job specific training for employment in automotive engine repair and service career field. NOTE: This course articulates with ACC .

BIOTECHNOLOGY I

CT7320

GRADE PLACEMENT: 10-12

CREDIT: 1

PREREQUISITE: Health Science or Principles of Biotechnology

DESCRIPTION:

Students enrolled in this course will apply advanced academic knowledge and skills to the emerging fields of biotechnology such as agricultural, medical, regulatory, and forensics. Students will have the opportunity to use sophisticated laboratory equipment, perform statistical analysis, and practice quality-control techniques. Students will conduct laboratory and field investigations, use scientific methods during investigations, and make informed decisions using critical thinking and scientific problem-solving. Students in Biotechnology I study a variety of topics that include molecular and cellular biology, biochemistry, forensic science, biomanufacturing, and pharmaceuticals. NOTE: This course may articulate with ACC. This course may count as a 4th science credit required for graduation.

CHILD DEVELOPMENT

CT2557

GRADE PLACEMENT: 10-11

CREDIT: 1

PREREQUISITE: Principles of Education and Training

DESCRIPTION: Child Development is a technical laboratory course that addresses knowledge and skills related to child growth and development from prenatal through school-age children, equipping students with child development skills. Students use these skills to promote the well-being and healthy development of children and investigate careers related to the care and education of children.

COLLEGE TRANSITIONS TO HEALTH PROFESSIONALS (ACC)

CT7317

GRADE PLACEMENT: 11-12

PREREQUISITE: Previous enrollment in Coherent Health Science program of study

DESCRIPTION; Assists students with the development of effective learning strategies for achieving academic and career success in the health science profession. This course is taught on the ACC campus for Dual Credit..

COMMUNITY PHARMACY PRACTICE (ACC)

CT8415

CPP PRAC 2B ACC Semester 1

GRADE PLACEMENT: 12(CTE advanced course)

CREDIT: 1

PREREQUISITE: Previous enrollment in Coherent Health Science program of study

DESCRIPTION: This is an ACC course taught at ACC for Seniors enrolled in a Health Science - Pharmacy Technician Program of Study. **The course must be taken along with other courses in the Program Of Study sequence.** The student will master the skills for compounding sterile products and intravenous admixtures. The student will be introduced to sterile products, hand washing techniques, pharmaceutical calculations, references, safety techniques, aseptic techniques in parenteral compounding, proper use of equipment (syringes, needles, auto injectors, pumps), preparation of sterile products (intravenous, irrigations, ophthalmic, total parenteral nutrition, and chemotherapy drugs), and safe handling of antineoplastic drugs. This course is taught on the ACC campus for Dual Credit..

COMPOUNDING STERILE PREPARATIONS (ACC)

CT8413

PRC HL SC A ACC Spring Semester 2

GRADE PLACEMENT: 12(CTE advanced course)

CREDIT: 1

PREREQUISITE: Previous enrollment in Coherent Health Science program of study

DESCRIPTION: This is an ACC course taught at ACC for Seniors enrolled in a Health Science - Pharmacy Technician Program of Study. **The course must be taken along with other courses in the Program Of Study sequence.** The student will master the skills for compounding sterile products and intravenous admixtures. The student will be introduced to sterile products, hand washing techniques, pharmaceutical calculations, references, safety techniques, aseptic techniques in parenteral compounding, proper use of equipment (syringes, needles, auto injectors, pumps), preparation of sterile products (intravenous, irrigations, ophthalmic, total parenteral nutrition, and chemotherapy drugs), and safe handling of antineoplastic drugs. This course is taught on the ACC campus for Dual Credit..

COMPUTER SCIENCE I PRE-AP/HONORS

TA2200

GRADE PLACEMENT: 9-12

CREDIT: 1

PREREQUISITE: Fundamentals of Computer Science

DESCRIPTION: This course will provide students with a balance of technical skills and understanding of both scripting and compiled languages and practical application in business. Topics covered are exploration of code architectures and software design considerations, development of sequential and iterative algorithms, code development of prevailing computer languages, and understanding of practical integration of code and software, and operating systems. Scripting languages shall include HTML, Javascript, PERL-, and PHP. Compiled languages shall include but not be limited to C/C++ and Java. Students will be required to work beyond the school day to complete projects.

AP COMPUTER SCIENCE II (previously Computer Science A)

TA2201

GRADE PLACEMENT: 10-12

CREDIT: 1

PREREQUISITE: Computer Science I PRE-AP/HONORS or Pre-Calculus

DESCRIPTION: Students will continue their education in the compiled languages of C/C++ and Java. Students will learn extended data structures, object-oriented design, string libraries utilization, search methods, and database interaction. Students will be prepared for the AP exam. College credit may be obtained at the end of the year through the AP Examination in Computer Science. NOTE: Students must take the AP Computer Science Exam in order to receive AP grade weighting. NOTE: This course is approved as a 4th math credit.AP Course Requirements/ Expectations: 1 to 1½ hours of homework nightly; complete independent

research/projects; complete group projects; access to internet/ computer (can use library during available times).

AP COMPUTER SCIENCE PRINCIPLES

TA2207

GRADE PLACEMENT: 10-12

CREDIT: 1

PREREQUISITE: Computer Science I PRE-AP/HONORS

DESCRIPTION: AP Computer Science Principles is an introductory college-level computing course. Students cultivate their understanding of computer science through working with data, collaborating to solve problems, and developing computer programs as they explore concepts like creativity, abstraction, data and information, algorithms, programming, the internet, and the global impact of computing.

AUTOMOTIVE BASICS

CT1803

GRADE PLACEMENT: 9-12

CREDIT: 1

PREREQUISITE: None

DESCRIPTION: In Automotive Basics, students will gain knowledge and skills in the safe application, design, production, and assessment of products, services, and systems. This knowledge includes the history, laws and regulations, and common practices used in the transportation industry. Students should apply knowledge and skills in the application, design, and production of technology as it relates to the transportation industries. This course allows students to reinforce, apply, and transfer their academic knowledge and skills to a variety of interesting and relevant activities, problems, and settings.

COMPUTER MAINTENANCE

CT7220

GRADE PLACEMENT; 10-12

CREDIT: 1

PREREQUISITE: Principles of Information Technology

DESCRIPTION: Instruction in networking technologies and their implementation. Topics include the OSI reference model, network protocols, transmission media, and networking hardware and software.

CONSTRUCTION MANAGEMENT I

CT7027

GRADEPLACEMENT10-12

CREDIT: 2

PREREQUISITE:Principles of Construction

DESCRIPTION: In Construction Management I, students will gain knowledge and skills needed to enter the workforce as apprentice carpenters or building maintenance supervisors' assistants or to build a foundation toward a postsecondary degree in architecture, construction science, drafting, or engineering. Construction Management I includes the knowledge of design techniques and tools related to the management of architectural and engineering projects.

CONSTRUCTION MANAGEMENT II

CT7028

GRADEPLACEMENT10-12

CREDIT: 2

PREREQUISITE: Construction Management I

DESCRIPTION: In Construction Management II, students will gain knowledge and skills needed to enter the workforce as apprentice carpenters or building maintenance supervisors' assistants

or to build a foundation toward a postsecondary degree in architecture, construction science, drafting, or engineering. Construction Management II includes knowledge of the design, techniques, and tools related to the management of architectural and engineering projects.

CRIMINAL INVESTIGATION

CT3316

GRADE PLACEMENT: 10-12

CREDIT: 1

PREREQUISITE: Recommended Principles of Law, Public Safety, Corrections, and Security and Corequisite of Law Enforcement II

DESCRIPTION: Criminal Investigations is a course that introduces students to the profession of criminal investigations. Students will understand the basic functions of criminal investigations and procedures and will learn how to investigate or follow up during investigations. Students will learn terminology and investigative procedures related to criminal investigation, crime scene processing, evidence collection, fingerprinting, and courtroom presentation. Through case studies and simulated crime scenes, students will collect and analyze evidence such as fingerprint analysis, bodily fluids, hairs, fibers, shoe and tire impressions, bite marks, drugs, tool marks, firearms and ammunition, blood spatter, digital evidence, and other types of evidence.

CULINARY ARTS

CT2542

GRADE PLACEMENT: 10-12

CREDIT: 2

PREREQUISITE: Intro to Culinary Arts

DESCRIPTION: Want to be a chef? Cook for fun? Become a food critic? Then Culinary Arts is for you. In the Culinary Arts classes students will learn industry specific skills for employment in the foodservice industry. Instruction includes basic kitchen and knife skills, sanitation and safety, foodservice management and operations (how to run a restaurant), plating, service techniques, customer service, catering, and event planning. This course may articulate with ACC .

ADVANCED CULINARY ARTS

CT2543

GRADE PLACEMENT: 11-12 (CTE advanced course)

CREDIT: 2

PREREQUISITE: Culinary Arts

DESCRIPTION: This is the second course in a pre-employment laboratory instructional sequence designed to provide job-specific training for entry-level employment in the food service. Students operate an on-site restaurant, catering, and learning the business end of the food industry.

DOSAGE CALCULATIONS (ACC Pharmaceutical Mathematics)

CT8410

PHAR PRAC A ACC Semester 1 13020500

GRADE PLACEMENT: 11

CREDIT: 1

PREREQUISITE: Medical Terminology (ACC) Previous enrollment in Coherent Health Science program of study

DESCRIPTION: This is an ACC course taught at ACC for Juniors enrolled in a Health Science - Pharmacy Technician Program of Study. **The course must be taken along with other courses in the POS sequence.** Dosage calculation is an essential component of multiple healthcare

courses. Students must master this skill to become proficient and safe practitioners in their chosen healthcare field. This course is taught on the ACC campus for Dual Credit..

EMERGENCY MEDICAL SERVICE PROS (EMT) (ACC EMERMEDSVS)

CT8416

ACC Spring

GRADE PLACEMENT: 12

CREDIT: 1

PREREQUISITE: Previous enrollment in Coherent Health Science or Law Enforcement program of study

DESCRIPTION: This is an ACC course taught at ACC for Seniors enrolled in a Health Science Emergency Medical Technician Program of Study or the Law Enforcement Program of Study.

The course must be taken along with other courses in the POS sequence.Emergency Medical Technician (EMT)—Basic instructs students to meet and exceed standard knowledge needed to be a valid Emergency Medical Technician. The curriculum includes skills necessary for a student to provide entry level emergency medical care, life support, and ambulance service.This course is taught on the ACC campus for Dual Credit..

ENGINEERING DESIGN & PRESENTATION (ACC)

CT6520

ACC Manufacturing Academy course

GRADE PLACEMENT: 11

CREDIT: 1

PREREQUISITE: Previous enrollment in Coherent Engineering program of study

DESCRIPTION: This is a Dual Credit course through Austin Community College as a part of the ACC Manufacturing Academy. The Engineering Design and Presentation course is the creative process of solving problems by identifying needs and then devising solutions. The solution may be a product, technique, structure, or process depending on the problem. Students will be introduced to the principles of drafting to include terminology and fundamentals, including size and shape descriptions, projection methods, geometric construction, sections, and auxiliary views. Serves and the instructional program;s introduction to the computer- aided- design (CAD) Course.

ENTREPRENEURSHIP I

CT1432

GRADE PLACEMENT: 9-12

CREDIT: 1

PREREQUISITE: None

DESCRIPTION: Through the Entrepreneurship course, students will be given the opportunity to take a personal approach to starting businesses and expanding existing enterprises. Through thought-provoking projects, creating business plans, and understanding information literacy students will begin to learn the foundations of going from an idea, to a plan, and finally to the ins and outs of a functioning business. Students will be taken through market analysis, operations management, and customer development to promote problem solving and critical thinking while designing their own business plans.

ENTREPRENEURSHIP II (Accelerator)

CT1433

GRADE PLACEMENT: 9-12

CREDIT: 1

PREREQUISITE: Entrepreneurship 1

DESCRIPTION: Through the Entrepreneurship (Accelerator) course, students will be given the opportunity to begin the process of creating their own business through collaboration with peers and business mentors. This is the first course of a 2-year journey. Students are highly encouraged to enroll in the Practicum of Entrepreneurship (Accelerator) in their senior year, where they take the concepts and creations to the next level and actually begin to operate their business.

FORENSIC SCIENCE

CT3312

GRADE PLACEMENT: 11-12

CREDIT: 1

PREREQUISITE: Biology and Chemistry.

DESCRIPTION: To receive credit in science, students must meet the 40% laboratory and fieldwork requirement identified in §74.3(b)(2)(C) of this title (relating to Description of a Required Secondary Curriculum).

(b) Introduction. Forensic Science is a course that uses a structured and scientific approach to the investigation of crimes of assault, abuse and neglect, domestic violence, accidental death, homicide, and the psychology of criminal behavior. Students will learn terminology and investigative procedures related to crime scene, questioning, interviewing, criminal behavior characteristics, truth detection, and scientific procedures used to solve crimes. Using scientific methods, students will collect and analyze evidence through case studies and simulated crime scenes such as fingerprint analysis, ballistics, and blood spatter analysis. Students will learn the history, legal aspects, and career options for forensic science.

FORENSIC SCIENCE

CT3311

FORENSIC SCIENCE FOR LAW ENFORCEMENT STUDENTS

CREDIT: 1

GRADE PLACEMENT: 11-12 (CTE advanced course)

PREREQUISITE: Biology

and Chemistry.

DESCRIPTION: To receive credit in science, students must meet the 40% laboratory and fieldwork requirement identified in §74.3(b)(2)(C) of this title (relating to Description of a Required Secondary Curriculum).

(b) Introduction. Forensic Science is a course that uses a structured and scientific approach to the investigation of crimes of assault, abuse and neglect, domestic violence, accidental death, homicide, and the psychology of criminal behavior. Students will learn terminology and investigative procedures related to crime scene, questioning, interviewing, criminal behavior characteristics, truth detection, and scientific procedures used to solve crimes. Using scientific methods, students will collect and analyze evidence through case studies and simulated crime scenes such as fingerprint analysis, ballistics, and blood spatter analysis. Students will learn the history, legal aspects, and career options for forensic science.

FOUNDATIONS OF CYBERSECURITY

CT6517

GRADE PLACEMENT: 9-12

CREDIT: 1

PREREQUISITE: Recommended: Fundamentals of Computer Science

DESCRIPTION: In the Foundations of Cybersecurity course, students will develop the knowledge and skills needed to explore fundamental concepts related to the ethics, laws, and operations of cybersecurity. Students will examine trends and operations of cyberattacks, threats, and vulnerabilities. Students will review and explore security policies designed to mitigate risks. The skills obtained in this course prepare students for additional study in

cybersecurity. A variety of courses are available to students interested in this field. Foundations of Cybersecurity may serve as an introductory course in this field of study.

GRAPHIC DESIGN AND ILLUSTRATION I / LAB

CT2213

GRADE PLACEMENT: 10-11

CREDIT: 2

PREREQUISITE: Principles of Multimedia previously Prin of Arts, A/V Tech and Communications

DESCRIPTION: A technical course designed to provide advanced knowledge and skills acquisition of the contemporary resources, processes, and impacts of graphic communications technology. Activities may include graphic design, computerized image composition, continuous tone and process photography, pre-press production, image transfer, and finishing experiences. NOTE: This course articulates with ACC.

GRAPHIC DESIGN AND ILLUSTRATION II / LAB

CT2215

CREDIT 2

GRADE PLACEMENT: 11-12 (CTE advanced course)

PREREQUISITE: Graphic Design and Illustration I

DESCRIPTION: Students will develop and apply an advanced understanding of the industry with a focus on mastery of content of the contemporary resources, processes, and impacts of graphic communications technology. Activities may include graphic design, computerized image composition, continuous tone and process photography, pre-press production, image transfer, and finishing experiences. NOTE: This course may articulate with ACC.

HEALTH SCIENCE THEORY

CT7300

GRADE PLACEMENT: 10-12 (CTE advanced course)

CREDIT: 1

PREREQUISITE: Principles of Health Science

DESCRIPTION: A course designed to provide the development of multi-occupational knowledge and skills related to a wide variety of health careers. Students will have hands-on experiences for continued knowledge and skill development. NOTE: This course meets local health credit requirement.

HOSPITALITY SERVICES

CT2548

GRADE PLACEMENT: 11-12 (CTE advanced course)

CREDIT: 2

PREREQUISITE: Principles of Hospitality

DESCRIPTION: Provides students with the academic and technical preparation to pursue high-demand and high-skill careers in hospitality related industries through hands-on and project-based instruction. This course is designed to prepare students for nationally recognized industry certifications, postsecondary education and entry-level careers. Instruction may be delivered through laboratory training or through internships, mentoring or job shadowing.

INSTITUTIONAL PHARMACY PRACTICE (ACC)

CT8414

CPP PRAC 2A ACC Semester 1 13020505

GRADE PLACEMENT: 12(CTE advanced course)

CREDIT: 1

PREREQUISITE: Previous enrollment in Coherent Health Science program of study

DESCRIPTION: This is an ACC course taught at ACC for Seniors enrolled in a Health Science - Pharmacy Technician Program of Study. **The course must be taken along with other**

courses in the POS sequence. Exploration of the unique role and practice of pharmacy technicians in an institutional pharmacy with emphasis on daily pharmacy operation. Topics include hospital pharmacy organization, workflow and personnel, medical and pharmaceutical terminology, safety techniques, data entry, packaging and labeling operations, extemporaneous compounding, inpatient drug distribution systems, unit dose chart fills, quality assurance, drug storage, and inventory control. This course is taught on the ACC campus for Dual Credit.

INTRODUCTION TO CULINARY ARTS

CT2550

GRADE PLACEMENT: 9-10

CREDIT: 1

PREREQUISITE: None

DESCRIPTION: This course will emphasize the principles of planning, organizing, staffing, directing, and controlling the management of a variety of food service operations. The course will provide insight into the operation of a well-run restaurant. Students are encouraged to participate in extended learning experiences such as career and technical student organizations and other leadership or extracurricular organizations. This course may articulate with ACC .

INTRODUCTION TO MULTIMEDIA

CT2207

GRADE PLACEMENT: 9-12

CREDIT: 1

PREREQUISITE: None

DESCRIPTION: Would you like to build relationships with customers, peers, contacts and others? Find your strength in Digital Imaging, Audio/Video, Gaming, and/or Animation. This course will help develop communication and writing skills while understanding legal and ethical responsibilities. Are you a problem solver? Can you see yourself using research and advanced research? Become a part of Introduction to Multimedia and create computational artifacts using industry standard software and hardware. Create real world projects with relevance in mind.

This class is mandatory for Audio/Video Production.

INTRODUCTION TO WELDING

CT7121

GRADE PLACEMENT: 9-12

CREDIT: 1

PREREQUISITE: None

DESCRIPTION: Introduction to Welding will introduce welding technology with an emphasis on basic welding laboratory principles and operating procedures. Students will be introduced to the three basic welding processes. Topics include: industrial safety and health practices, hand tool and power machine use, measurement, laboratory operating procedures, welding power sources, welding career potentials, and introduction to welding codes and standards. Introduction to Welding will provide students with the knowledge, skills, and technologies required for employment in welding industries. This course supports integration of academic and technical knowledge and skills. Students will reinforce, apply, and transfer knowledge and skills to a variety of settings and problems. Knowledge about career opportunities, requirements, and expectations and the development of workplace skills will prepare students for future success.

INSTRUCTIONAL PRACTICES IN EDUCATION AND TRAINING

CT8358

GRADE PLACEMENT: 11-12 (CTE advanced course)

CREDIT: 2

PREREQUISITE: Principles of Education & Training and Human Growth & Development

DESCRIPTION: This course is a field-based class which provides students background knowledge of child and adolescent development principles, as well as principles of effective teaching practices. Students observe in an elementary school. Students will participate in on

and off campus lab experiences within the Del Valle community. This course is a field-based class which provides students background knowledge of child and adolescent development principles, as well as principles of effective teaching practices. Students act as an active intern in a teaching environment.

LAW ENFORCEMENT I

CT3310

GRADE PLACEMENT: 10-12

CREDIT: 1

PREREQUISITE: Principles of Law, Public Safety, Corrections, and Security

DESCRIPTION: Law Enforcement I is an overview of the history, organization, and functions of local, state, and federal law enforcement. This course includes the role of constitutional law, the United States legal system, criminal law, law enforcement terminology, and the classification and elements of crime.

LAW ENFORCEMENT II

CT3314

GRADE PLACEMENT: 10-12

CREDIT: 1

PREREQUISITE: Principles of Law, Public Safety, Corrections, and Security; Law Enforcement I; Co-enrollment in Criminal Investigation highly recommended

DESCRIPTION: Students will use standard operational procedures used in the criminal justice system, apply psychology principles to deal with erratic human behavior, apply anger management techniques to resolve conflicts and reduce anger, evaluate the surrounding environment for signs of potential problems and/or danger, and take on leadership responsibilities to demonstrate the knowledge and skills to collaborate in projects and work activities in the correctional environment.

LEGAL RESEARCH AND WRITING

CT2404

GRADE PLACEMENT: 11-12

CREDIT: 1

PREREQUISITE: Political Science

DESCRIPTION: Legal Research and Writing provides an introduction into the study and practice of legal writing and research. This course is designed to introduce students to the methods and tools used to conduct legal research, develop and frame legal arguments, produce legal writings such as briefs, memorandums, and other legal documents, study U.S. Constitutional law, and prepare for appellate argument(s).

PRACTICUM IN MANUFACTURING (ACC)

CT6523

ACC Manufacturing Academy course

GRADE PLACEMENT: 12 (CTE advanced course)

CREDITS: 2

PREREQUISITE: Must be in the ACC Manufacturing Pathway

DESCRIPTION: This is a Dual Credit course through Austin Community College as a part of the ACC Manufacturing Academy. In this course students will gain knowledge and skills in the application, design, production, and assessment of products, services, and systems and how those knowledge and skills are applied to manufacturing. They will also receive an overview of the manufacturing process, control systems, and measurement theory.

MEDICAL TERMINOLOGY (ACC)

CT7231

GRADE PLACEMENT: 11 - 12(CTE advanced course)

CREDIT: 1

PREREQUISITE: Must be in Coherent Health Science program of study

DESCRIPTION: A course designed to develop a working knowledge of the language of medicine. Students acquire word-building skills by learning prefixes, suffixes, roots, and abbreviations. By relating terms to body systems, students identify proper use of vocabulary of a medical environment. Knowledge of medical terminology enhances the student's ability to successfully secure employment or pursue advanced education in health care. This course is taught on the ACC campus for Dual credit.

PHARMACOLOGY (ACC Introduction to Pharmacy) CT8411

PHAR PRAC B ACC Semester 1 13020950

GRADE PLACEMENT: 11 - 12 (CTE advanced course) CREDIT: 1

PREREQUISITE: Must be in Coherent Health Science program of study

DESCRIPTION: This is an ACC course taught at ACC for Juniors enrolled in a Health Science - Pharmacy Technician Program of Study. **The course must be taken along with other courses in the POS sequence.** Pharmacology is an overview of the basic concepts of the pharmacological treatment of various diseases affecting major body systems. This course is taught on the ACC campus for Dual Credit.

PHARMACY DRUG THERAPY AND TREATMENT (ACC) CT8412

GRADE PLACEMENT: 12(CTE advanced course) CREDIT: 1

PREREQUISITE: Previous enrollment in Coherent Health Science program of study

DESCRIPTION: This is an ACC course taught at ACC for Seniors enrolled in a Health Science - Pharmacy Technician Program of Study. **The course must be taken along with other courses in the POS sequence.** The student will learn therapeutic agents, their classifications, properties, actions, and effects on the human body and their role in the management of disease. The student will learn detailed information regarding drug dosages, side effects, interactions, toxicities, and incompatibilities. This course is taught on the ACC campus for Dual Credit.

PHARMACY TECHNICIAN PRACTICUM (ACC) CT7331

GRADE PLACEMENT: 12 (CTE advanced course) CREDIT: 1

PREREQUISITE: Must be in Coherent Health Science program of study

DESCRIPTION: The primary role of any person within the profession of pharmacy is to ensure that patients receive the correct drug therapy for their medical condition. The Pharmacy Technician is responsible for assisting the pharmacist in providing this care by performing tasks that do not require the professional judgment of a pharmacist and can be reviewed by a pharmacist to ensure accuracy. The role of the pharmacy technician is vital to the future of pharmacy because the pharmacy technician can perform duties which will allow the pharmacist more time to spend delivering patient care. This course is taught on the ACC campus for college credit.

PHLEBOTOMY (ACC) CT7313

GRADE PLACEMENT: 12 (CTE advanced course) CREDIT: 1

PREREQUISITE: Must be in Coherent Health Science program of study

DESCRIPTION: The profession of phlebotomy is taught through didactics, student laboratory, and clinical experiences. The course will focus on skill development in the performance of a variety of blood collection methods using proper techniques and standard precautions. Blood collection procedures performed includes vacuum collection devices, syringes, capillary skin puncture, butterfly needles and blood culture, and specimen collection on adults. Collection of

specimens from children and infants is discussed. Emphasis will be placed on infection prevention, patient identification, specimen labeling, quality assurance, specimen handling, processing, accessioning, professionalism, ethics, and medical terminology. Students will learn the theory and principles of CLIA waived laboratory tests and perform the tests in the student laboratory. The CLIA waived testing performed will include manual hematocrits, automated hemoglobin and glucose testing, urinalysis dipsticks, fecal occult blood, erythrocyte sedimentation rate and pregnancy testing. This course is taught on the ACC campus for Dual Credit...

POLITICAL SCIENCE I

CT8202

GRADE PLACEMENT: 10-12

CREDIT: 1

PREREQUISITE: Principles of Government and Public Administration

DESCRIPTION: This course will familiarize the student with political theory through the study of governments; public policies; and political processes, systems, and behavior.

PRACTICUM IN ANIMATION

CT7716

GRADE PLACEMENT: 12 (CTE advanced course)

CREDIT: 2

PREREQUISITE: Completion of Coherent sequence of Animation program of study

DESCRIPTION: Building upon the concepts taught in Animation II and its corequisite Animation II Lab, in addition to developing advanced technical knowledge and skills needed for success in the Arts, Audio/Video Technology, and Communications Career Cluster®, students will be expected to develop an increasing understanding of the industry with a focus on applying pre-production, production, and post-production animation products in a professional environment. Instruction may be delivered through lab-based classroom experiences or career preparation opportunities.

PRACTICUM IN A/V PRODUCTION

CT7712

GRADE PLACEMENT: 12 (CTE advanced course)

CREDIT: 2

PREREQUISITE: Audio Video Production II

DESCRIPTION: Students will be required to complete an interview with the instructor and be approved for admittance into this class. Through project based learning, students will produce, shoot, edit and star in the award winning DTV weekly broadcasts. Students may be assigned to a mentor in the nd perform all duties assigned by the mentorship program. In addition, students will act as peer support for the Advanced Television Production, and A/V Club students. Students are required to assist with recording and editing extracurricular events for the DVHS community and attend local events to promote career interests for networking purposes. These events will include sports, theatre and other special events. This is an advanced class with lessons designed to give you a head start into a career in television production; Television stations, remote television production trucks, independent commercial production and many others. Students will be required to work before and/or after school for video news gathering at school functions and other assignments.

PRACTICUM IN BUSINESS MANAGEMENT

CT6063

GRADE PLACEMENT: 12 (CTE advanced course)

CREDIT: 2

PREREQUISITE: Completion of Accounting or Entrepreneurship pathway of study

DESCRIPTION: Students develop a foundation in the economic, financial, technological, international, social, and ethical aspects of business to become competent consumers, employees, and entrepreneurs. Students enhance reading, writing, computing, communication, and reasoning skills and apply them to the business environment. Students incorporate a broad base of knowledge that includes the legal, managerial, marketing, financial, ethical, and international dimensions of business to make appropriate business decisions.

PRACTICUM IN CONSTRUCTION TECHNOLOGY

CT7147

GRADE PLACEMENT: 12 (CTE advanced course)

CREDIT: 2

PREREQUISITE: Construction Management 2, Completion of construction management or construction/electrical technology pathway of study

DESCRIPTION: In Practicum in Construction Technology, students will be challenged with the application of gained knowledge and skills from Construction Technology I and II. In many cases students will be allowed to work at a job (paid or unpaid) outside of school or be involved in local projects the school has approved for this class.

PRACTICUM IN ENTREPRENEURSHIP (Accelerator)

CT6064

GRADE PLACEMENT: 12

CREDIT: 2

PREREQUISITE: Completion of Entrepreneurship program of study

DESCRIPTION: In Practicum of Entrepreneurship (Accelerator) students will continue their business projects from Entrepreneurship 1 (Incubator) and launch their business partnership. Students will work directly with local entrepreneurs and business professionals to build and manage their business ideas. Students will be encouraged to set up bank accounts and file business paperwork to legitimize their businesses.

PRACTICUM IN GRAPHIC DESIGN AND ILLUSTRATION

CT7714

GRADE PLACEMENT: 12 (CTE advanced course)

CREDIT: 2

PREREQUISITE: Completion of Graphic Design program of study

DESCRIPTION: Instruction may be delivered through laboratory training or through career preparation delivery arrangements. This class is an occupationally specific course designed to provide classroom technical instruction or on-the-job training experiences. Safety and career opportunities are included in addition to work ethics and job-related study in the classroom.

PRACTICUM IN MANUFACTURING - WELDING

CT7138

GRADE PLACEMENT: 12 (CTE advanced course)

CREDIT: 2

PREREQUISITE: Completion of welding pathway of study

DESCRIPTION: The Practicum in Manufacturing course is designed to give students supervised practical application of previously studied knowledge and skills. Practicum experiences can occur in a variety of locations appropriate to the nature and level of experience.

PRACTICUM IN MANUFACTURING - ROBOTICS

CT6523

GRADE PLACEMENT: 12 (CTE advanced course)

CREDIT: 2

PREREQUISITE: Completion of robotics pathway of study

DESCRIPTION: The Practicum in Manufacturing course is designed to give students supervised practical application of previously studied knowledge and skills. Practicum experiences can occur in a variety of locations appropriate to the nature and level of experience.

PRACTICUM IN SCIENCE, TECHNOLOGY, ENGINEERING, MATH - BIOTECHNOLOGY

CT7322

GRADE PLACEMENT: 12 (CTE advanced course)

CREDIT: 2

PREREQUISITE: Algebra I, Geometry, Completion of Biotechnology program of study

DESCRIPTION: Practicum in STEM is designed to give students supervised practical application of previously studied knowledge and skills. Practicum experiences can occur in a variety of locations appropriate to the nature and level of experience.

PRACTICUM IN TRANSPORTATION SYSTEMS (Auto Tech)

CT7205

GRADE PLACEMENT: 12 (CTE advanced course)

CREDIT: 2

PREREQUISITE: Advanced Automotive Technology II

DESCRIPTION: The Practicum is designed to give students supervised practical application of knowledge and skills. Practicum experiences can occur in a variety of locations appropriate to the nature and level of experience such as internships, mentorships, independent study, or laboratories. Students in this course will pursue certifications relevant to the automotive industry. This course provides job-specific training for entry-level employment in numerous technical aspects of Transportation, Distribution, and Logistics.

PRACTICUM IN CULINARY ARTS

CT2544

GRADE PLACEMENT: 12 (CTE advanced course)

CREDIT: 2

PREREQUISITE: Advanced Culinary Arts previously Practicum in Culinary Arts I

DESCRIPTION: This is a laboratory instructional course (students work in the culinary arts kitchen) to learn hands on industry specific skills. Students operate an on-site restaurant and catering business. The lab focus is on foodservice skills such as, sanitation and safety, knife skills, food chemistry, plating, and costing.

PRACTICUM IN EDUCATION/TRAINING

CT8359

GRADE PLACEMENT: 12 (CTE advanced course)

CREDIT: 2

PREREQUISITE: Instructional Practices in Education/Training

DESCRIPTION: Field-based internship that provides students background knowledge of child and adolescent development principles as well as principles of effective teaching and training practices. Students in the course work under the joint direction and supervision of both a teacher with knowledge of early childhood education and exemplary educators in direct instructional roles with elementary-, middle, and high school-aged students. Students learn to plan and direct individualized instruction and group activities, prepare instructional materials, assist with record keeping, make physical arrangements, and complete other responsibilities of classroom teachers, trainers, paraprofessionals, or other educational personnel. This course is taught on campus for Dual Credit.

PRACTICUM IN HEALTH SCIENCE

CT7401/7402

GRADE PLACEMENT: 12 (CTE advanced course)

CREDIT: 2

PREREQUISITE: Health Science

DESCRIPTION: Designed to provide knowledge and skills for certification or licensure in an allied health career. Students develop advanced clinical skills necessary for employment in the healthcare industry or continued education in health careers. The instructor utilizes different methodologies such as pre-employment laboratory, paid or unpaid work based learning education or an occupationally-specific course with clinical training.

PRACTICUM IN HOSPITALITY SERVICES

CT7033

GRADE PLACEMENT: 12 (CTE advanced course)

CREDIT: 2

PREREQUISITE: Hospitality Services.

DESCRIPTION: This unique practicum experience provides opportunities for students to participate in a learning experience that combines classroom instruction with actual business and industry career experiences. Practicum in Hospitality Services integrates academic and career and technical education; provides more interdisciplinary instruction; and supports strong partnerships among schools, businesses, and community institutions with the goal of preparing students with a variety of skills in a fast-changing workplace. Students are taught employability skills, including job-specific skills applicable to their training plan, job interview techniques, communication skills, financial and budget activities, human relations, and portfolio development. Practicum in Hospitality Services is relevant and rigorous, supports student attainment of academic and technical standards, and effectively prepares students for college and career success. Students are encouraged to participate in extended learning experiences such as career and technical student organizations.

PRACTICUM IN LAW, PUBLIC SAFETY, CORRECTIONS, AND SECURITY - LAW ENFORCEMENT

CT3315

GRADE PLACEMENT: 12 (CTE advanced course)

CREDIT: 2

PREREQUISITE: Law Enforcement II

DESCRIPTION: This unique practicum experience provides opportunities for students to participate in a learning experience that combines classroom instruction with actual business and industry career experiences. Practicum in Law, Public Safety, Corrections, and Security integrates academic and career and technical education; provides more interdisciplinary instruction; and supports strong partnerships among schools, businesses, and community institutions with the goal of preparing students with a variety of skills in a fast-changing workplace. Students are taught employability skills, including job-specific skills applicable to their training plan, job interview techniques, communication skills, financial and budget activities, human relations, and portfolio development. Practicum in Law, Public Safety, Corrections, and Security is relevant and rigorous, supports student attainment of academic and technical standards, and effectively prepares students for college and career success. Students are encouraged to participate in extended learning experiences such as career and technical student organizations.

PRACTICUM IN LAW, PUBLIC SAFETY, CORRECTIONS, AND SECURITY - LEGAL STUDIES

CT2405

GRADE PLACEMENT: 12 (CTE advanced course)

CREDIT: 2

PREREQUISITE: Legal Research and Writing

DESCRIPTION: This unique practicum experience provides opportunities for students to participate in a learning experience that combines classroom instruction with actual business and industry career experiences. Practicum in Law, Public Safety, Corrections, and Security integrates academic and career and technical education; provides more interdisciplinary instruction; and supports strong partnerships among schools, businesses, and community institutions with the goal of preparing students with a variety of skills in a fast-changing workplace. Students are taught employability skills, including job-specific skills applicable to their training plan, job interview techniques, communication skills, financial and budget activities, human relations, and portfolio development. Practicum in Law, Public Safety, Corrections, and Security is relevant and rigorous, supports student attainment of academic and technical standards, and effectively prepares students for college and career success. Students are encouraged to participate in extended learning experiences such as career and technical student organizations.

PRINCIPLES OF APPLIED ENGINEERING

CT6515

GRADE PLACEMENT: 9-10

CREDIT: 1

PREREQUISITE: None

DESCRIPTION: Principles of Applied Engineering provides an overview of the various fields of science, technology, engineering, and mathematics and their interrelationships. Students will develop engineering communication skills, which include computer graphics, modeling, and presentations, by using a variety of computer hardware and software applications to complete assignments and projects. Upon completing this course, students will understand the various fields of engineering and will be able to make informed career decisions. Further, students will have worked on a design team to develop a product or system. Students will use multiple software applications to prepare and present course assignments.

PRINCIPLES OF BIOSCIENCES

CT7318

(This course will be a prerequisite for the Biotechnology Program of Study)

GRADE PLACEMENT: 9-12

CREDIT: 1

PREREQUISITE: None

DESCRIPTION: This course will be a prerequisite for the Biotechnology Program of Study. This course is a strong reinforcement of Biology content that provides an overview of biotechnology, bioengineering, and related fields. Topics include genetics, cell structure, proteins, nucleic acids, and the impact of immunological events in biotechnology. Students further study the increasingly important agricultural, environmental, economic, and political roles of bioenergy and biological remediation; the roles of nanoscience and nanotechnology in biotechnology medical research; and future trends in biological science and biotechnology. Note: This class may articulate with ACC.

PRINCIPLES OF CONSTRUCTION

CT7022

(This course will be a prerequisite for Construction Management and Electrical Technology)

GRADE PLACEMENT: 9-12

CREDIT: 1

PREREQUISITE: None

DESCRIPTION: This course provides an overview to the various fields of construction science, and construction technology. Achieving proficiency in decision making and problem solving is an essential skill for career planning and lifelong learning. Students use self-knowledge, educational, and career information to set and achieve realistic career and educational goals.

Job-specific, skilled-training can be provided through the use of training modules to identify career goals in trade and industry areas. Safety and career opportunities are included, in addition to work ethics and job-related study in the classroom such as communications; problem solving and critical thinking; Information Technology Applications; systems; safety, health, and environmental; leadership and teamwork; ethics and legal responsibilities; employability and career development; technical skills; introduction to hand tools; introduction to power tools; basic rigging; and reading technical drawings.

PRINCIPLES OF BUSINESS, MARKETING AND FINANCE

CT1431

GRADE PLACEMENT: 9-12

CREDIT: 1

PREREQUISITE: None

DESCRIPTION: Students will apply critical thinking, oral and written communication skills, and problem solving to their lives and career fields. Students will have the chance to collaborate on marketing projects where they will practice leadership skills, creativity, flexibility and adaptability through the study of economies and private enterprise systems, the impact of global business, marketing of goods and services, and advertising and product pricing. Students will be set with a firm foundation that will distinguish a skill set in business, marketing, and finance. NOTE: This course may articulate with ACC.

PRINCIPLES OF EDUCATION AND TRAINING

CT2556

GRADE PLACEMENT: 9-12

CREDIT: 1

PREREQUISITE: None

DESCRIPTION: Students will prepare to take courses in education that include off campus lab opportunities within the Del Valle community working with younger children. This is an introductory course that studies the societal impacts of education and explore careers in teaching, training, administration, administrative support and professional services through hands-on learning, authentic assessment, and project based activities. This is the first class in a sequence of courses that are geared toward students interested in careers in leadership positions. This course is taught on campus for Dual Credit.

ENGINEERING SCIENCE (previously Principles of Engineering)

CT6504

This is a Project Lead the Way class

GRADE PLACEMENT: 10-12

CREDIT: 1

PREREQUISITE: Algebra 1 and Geometry & Introduction to Engineering & Design

DESCRIPTION: Engineering Science is an engineering course designed to expose students to some of the major concepts and technologies that they will encounter in a post-secondary program of study in any engineering domain. Students will have an opportunity to investigate engineering and high-tech careers. In Engineering Science, students will employ science, technology, engineering, and mathematical concepts in the solution of real-world challenge situations. Students will develop problem-solving skills and apply their knowledge of research and design to create solutions to various challenges. Students will also learn how to document their work and communicate their solutions to their peers and members of the professional community. Students must meet the 40% laboratory and fieldwork requirement. This course satisfies a high school science graduation requirement. Students shall be awarded one credit for successful completion of this course.

PRINCIPLES OF GOVERNMENT AND PUBLIC ADMINISTRATION**CT2401**

GRADE PLACEMENT: 9-12

CREDIT: 1

PREREQUISITE: None

DESCRIPTION: Do you wonder how governments are run? Do you wonder how to solve the major problems that face the world today? Are you interested in representing different points of view and arguing with people from all over the world? If so and you are willing to work hard- you should take the Public Administration strand. It will prepare you for the courtroom, boardroom, classroom, governmental leadership, and the White House.

PRINCIPLES OF HEALTH SCIENCE**CT7232**

GRADE PLACEMENT: 9-10

CREDIT: 1

PREREQUISITE: None

DESCRIPTION: Students will develop health care specific knowledge and skills while engaging in effective communications with healthcare professionals and patients. Students will gain a working knowledge of ethical and legal responsibilities, safety, first aid, vitals signs, isolation precautions (personal protective equipment), basic CPR, triage, learn to reason and think critically, make decisions and solve problems, and communicate effectively. Students will prepare for employment in the health science industry including the development and introduction to “soft skills” necessary for establishing patient rapport, working in a healthcare team, and securing post-secondary education or employment.

PRINCIPLES OF HOSPITALITY AND TOURISM**CT2541**

GRADE PLACEMENT: 9-10

CREDIT: 1

PREREQUISITE: None

DESCRIPTION: This introductory course provides an overview of the hospitality and tourism industry, its growth and development, industry segments and their distinguishing characteristics, trends and current concerns. Students are introduced to career opportunities and employability skills needed to succeed in specific hospitality fields.

PRINCIPLES OF LAW, PUBLIC SAFETY, CORRECTIONS, AND SECURITY**CT3714**

GRADE PLACEMENT: 9-12

CREDIT: 1

PREREQUISITE: None

DESCRIPTION: A course designed to introduce students to professions in law enforcement, security, corrections, and fire and emergency management services. Students will examine the roles and responsibilities of police, courts, corrections, private security, and protective agencies of fire and emergency services. The course provides students with an overview of the skills necessary for careers in law enforcement, fire service, security, and corrections.

PRINCIPLES OF MANUFACTURING (ACC)**CT6521**

ACC Manufacturing Academy course

GRADE PLACEMENT: 11

CREDIT: 1

PREREQUISITE: None

DESCRIPTION: This is a Dual Credit course through Austin Community College as part of the ACC Manufacturing Academy. In this course, students are introduced to knowledge and skills used in the proper application of principles of manufacturing. They will explore a variety of

methods used in manufacturing. Theory and application of processes including but not limited to metal forming, welding, machining, heat-treating, plating, assembly procedures, and process control considerations, casting and injection molding.

PTECH DRAFTING

CT6530

ACC Manufacturing Academy course

GRADE PLACEMENT: 9-10

CREDIT: 1

PREREQUISITE: None

DESCRIPTION:

ROBOTICS 1

CT6511

GRADE PLACEMENT: 9-10

CREDIT: 1

PREREQUISITE: None- Recommended (Intro to Engineering)

DESCRIPTION: In Robotics I, students will transfer academic skills to component designs in a project-based environment through the implementation of the design process. Students will build prototypes or use simulation software to test their designs. Additionally, students will explore career opportunities, employer expectations, and educational needs in the robotic and automation industry.

ROBOTICS 2

CT6512

GRADE PLACEMENT: 9-10

CREDIT: 1

PREREQUISITE: Robotics 1

DESCRIPTION: In Robotics 2, students will transfer academic skills to component designs in a project-based environment through the implementation of the design process. Students will build prototypes or use simulation software to test their designs. Additionally, students will explore career opportunities, employer expectations, and educational needs in the robotic and automation industry.

TRAVEL AND TOURISM MANAGEMENT

CT2551

GRADE PLACEMENT: 10-11

CREDIT: 1

PREREQUISITE: Principles of Hospitality and Tourism

DESCRIPTION: Travel and Tourism Management incorporates management principles and procedures of the travel and tourism industry as well as destination geography, airlines, international travel, cruising, travel by rail, lodging, recreation, amusements, attractions, and resorts. Employment qualifications and opportunities are also included in this course.

WELDING I

CT7134

GRADE PLACEMENT: 10-12

CREDIT: 2

PREREQUISITE: Principles of Manufacturing (Intro to Welding)

DESCRIPTION: Welding I builds on knowledge and skills developed in Intro to Welding. Students will develop advanced welding concepts and skills as they relate to personal and career development. This course integrates academic and technical knowledge and skills. Students will have opportunities to reinforce, apply, and transfer knowledge and skills to a variety of settings and problems.

WELDING II

CT7137