**Reedley College Program/Degree/Certificate Learning Outcomes**

ASL Program

**Program**

Outcome:

*Upon completion of this course, the student will be able to use inflection for tense and aspect accurately.*

Admissions and Records Program

**Program**

Outcome:

*Continuing students will use WebAdvisor and Touchtone Registration systems as a primary source of initial registration*

Administrative Services Program

**Program**

Outcomes:

* *Continue with the ongoing cost savings and operational efficiency analysis of all Administrative Services areas with the objective of minimizing costs to the fullest extent practical while providing services and products at acceptable and reasonable levels in support of instructional, student, and community services mission.*
* *Encourage and support professional development efforts of Administrative Services staff.*
* *Continue to monitor campus printing and graphic services needs to assess customer satisfaction levels and evaluate ways and means of meeting unmet campus needs that may become known.*
* *Participate in the preparation of the Accreditation Report.*
* *Establish fully functional Administrative Services office per accreditation request to move Willow International to full campus status as Clovis Community College.*

Aeronautics Program, Degree, and Certificates:

**Program**

**Aviation Maintenance Technology Associate in Science Degree**

**Aviation Maintenance Technology Certificate of Achievement**

**Airframe Certificate of Achievement**

**Powerplant Certificate of Achievement**

Outcome:

*Understand and apply basic electrical formulas, perform basic electrical repair and troubleshooting procedures using appropriate test instruments*

Agriculture Business Program, Degree, and Certificates:

**Program**

**Agriculture Business Associate in Science Degree**

**Agriculture Business Certificate of Achievement**

**Agriculture Business Management Certificate of Achievement**

Outcomes:

* *describe the strength, diversity, economic dynamics and opportunities of the California, U.S. and global agriculture economies.*
  + - *communicate effectively, including use of proper presentation and promotion skills, to individuals and to groups, using oral, print and digital media.*
    - *utilize and apply digital/electronic technology as found in the agriculture business industry.*
    - *record, organize, and analyze financial and production data related to agriculture businesses.*
    - *determine agriculture business inputs, with an understanding of the interaction among those components, leading to accurate business planning and decision making.*
    - *demonstrate a breadth of knowledge of the agriculture industry that provides a base for decision making and credibility in personal interactions and career decisions.*

Animal Science Program and Degree:

**Program**

**Animal Science** **Associate in Science Degree**

Outcomes:

* *Identify the skills, education, and work experiences needed to pursue his/her chosen career path.*
* *Maintain an up-to-date comprehensive career portfolio to include a personal resume, cover letter, application, skills inventory, employment history, and copies of employment application and interview correspondence (thank you letters, etc.).*
* *Apply effective oral and written communication skills to the work environment.*
* *Exhibit a high level of work ethic and good time management skills.*
* *Work in group settings to accomplish team goals.*
* *Apply commonly used computer programs to the workplace.*
* *Utilize equipment and technology commonly utilized in the livestock industry and related fields.*
* *Apply ethical animal husbandry practices and industry-accepted quality assurance measures to the responsible production, processing, and marketing of livestock and animal products.*
* *Demonstrate basic animal management skills in regard to behavior, parturition, identification, nutrition, reproduction and health for common livestock species.*
* *Evaluate animal conformation and performance data in accordance with industry standards and make selection decisions, based on given scenarios, for various livestock species.*

Art Program, Degrees, and Certificate:

**Program**

**Art, Three-Dimensional Program Associate in Arts Degree**

**Art, Two-Dimensional Program Associate in Arts Degree**

**Certificate in Computer Animation**

**Certificate in Graphic Design**

Outcomes:

* *Apply knowledge of the elements and principles of design to the description and/or production of artwork.*
* *Communicate effectively in one or more of the following ways; verbally, written and visually with emphasis on concepts of content and form.*
* *Understand the impact of the visual arts in a personal, cultural and global context.*
* *Apply knowledge of techniques and media through production and description of artwork.*
* *Evaluate and analyze the strengths and weaknesses of an artworks¹ effectiveness to visually communicate.*
* *Solve visual problems through the artistic process.*

Automotive Program, Degree, and Certificate:

**Program**

**Automotive Technician Program Associate in Science Degree**

**Automotive Technician Program Certificate of Achievement**

Outcomes:

* *Diagnose and repair manual transmissions*
* *Diagnose and repair clutch systems*
* *Diagnose and repair automatic transmissions*
* *Diagnose and repair engines*
* *Evaluate and calculate automotive electrical system operations*
* *Diagnose and repair automotive starting and charging systems*
* *Diagnose and repair fuel delivery and emissions systems*
* *Diagnose and repair differentials*
* *Diagnose and repair brakes*
* *Diagnose and repair steering and suspension systems*
* *Diagnose and repair engine electrical and electronic systems*
* *Diagnose and repair automotive air conditioning and heating systems*

Biology Program and Degree

**Program**

**Biological Science Associate in Science Degree**

Outcomes:

* *demonstrate basic knowledge of comparative anatomy and comparative physiology*
* *demonstrate basic microscopic techniques required for all Biology fields*
* *critically evaluate scientific research*

Building Services Program

**Program**

Outcomes:

* *Increase Reedley College’s and the North Centers’ staff per staffing plan and industry standards (28,000 sq. ft. per one staff custodian) in order to meet load of new facilities, facilities improvements and campus population growth*
* *Increase available funding for supply items for upkeep of facilities while keeping in mind the most cost effective measures and new technologies offered*
* *To the degree possible, fund the Willow International Center to College status staffing plan to support the initial accreditation for the Clovis Community College*
* *As the service requirements increase assure that the operations areas also adjust and grow*
* *At the Reedley campus, investigate and develop an alternate location for the main shop area. This new location should allow not only for the growth of the campus needs for increased services but be inclusive of the other units directly functioning with this department.*

Business

Accounting Program, Degree, and Certificates:

**Program**

**Accounting Associate in Science Degree**

**Accounting Certificate of Achievement**

**Certificate in Accounting Technician**

Outcomes:

* *Identify and state the purpose of five accounting journals with 70 % accuracy.*
* *prepare the four basic financial statements with 70% accuracy.*
* *journalize entries in proper format and then post journal entries to the appropriate general and subsidiary ledger accounts with 70% accuracy.*
* *analyze financial statements from a "real world" business organization using ratio analysis, horizontal analysis, and vertical analysis with 70 % accuracy.*

Business Administration & General Business Program, Degrees, and Certificates:

**Program**

**Business Administration Associate in Science Degree**

**Business, General Associate in Science Degree**

**Management Associate in Science Degree**

**Small Business Management Associate in Science Degree**

**Business Intern Certificate of Achievement**

**Hospitality Management Certificate of Achievement**

**Managerial Assistant Certificate of Achievement**

**Small Business Management Certificate of Achievement**

**Certificate in Business Intern**

**Certificate in Entrepreneur**

**Certificate in Entry Level Management**

**Certificate in Hospitality Management**

Outcome:

* *Upon successful completion of this program, the student will be able to create and interpret business documents by utilizing research and analytical skills learned in human relations, accounting, marketing, entrepreneurship, management, economics, and finance.*

Information Systems Program, Degree, and Certificates:

**Program**

**Information Systems Associate in Science Degree**

**Information Systems Certificate of Achievement**

**Information Systems, Networking Certificate of Achievement**

**Information Systems, Programming for the Web Certificate of Achievement**

**Information Systems, Web Design Certificate of Achievement**

**Certificate in Basics of Computers**

**Certificate in Computer Literacy Brief Courses**

Outcomes:

* *operate commonly used computer hardware and office software.*
* *identify the categories of software by their purpose and provide examples of each. category.*
* *plan, design, and write stand-alone computer programs.*
* *apply structured logic in analyzing and solving problems.*
* *develop a well-designed relational database.*
* *create a Web document that contains Hyperlinks, graphics, tables, and forms.*
* *demonstrate a breadth of knowledge of networking and its uses in the business environment.*

Office Technology Program, Degrees, and Certificates:

**Program**

**Administrative Assistant Associate in Science Degree**

**Medical Administrative Assistant Associate in Science Degree**

**Administrative Assistant Certificate of Achievement**

**Medical Administrative Assistant Certificate of Achievement**

**Office Assistant Certificate of Achievement**

**Receptionist Certificate of Achievement**

Outcomes:

* *use application software to create and edit word processing documents.*
* *use application software to create and edit spreadsheets.*
* *manage a records system.*

Business Services Program

**Program**

Outcome:

*Students will take the initiative to access the web site and locate information pertaining to the Business Services Office*

CalWORKS Program

**Program**

Outcome:

* *Each student will develop and follow a certificate or degree Student Educational Plan that identifies the necessary courses needed to reach their educational training goal.*
* *Students will earn a minimum Grade Point Average (GPA) of 2.00 or better, each semester.*
* *Students will participate in an on-campus orientation designed to familiarize themselves with County regulations and on-campus Student Services.*
* *Continuing students will receive academic guidance during the Priority Registration Counseling session; making course selections based on their approved Student Education Plan.*

Chemistry Program

**Program**

Outcome:

* *develop laboratory skills to be successful in subsequent courses and/or on the job*
* *master concept and content to be successful in subsequent courses and/or on the job*
* *master computational skills to be successful in subsequent courses*
* *communicate the results of chemistry laboratory investigations*

Child Development Program, Degrees, and Certificates:

Child Development Program, Degrees, and Certificates:

**Program**

**Child Development Associate in Science Degree**

**Paraprofessional Associate in Science Degree**

**Child Development Certificate of Achievement**

**Family Child Care Certificate of Achievement**

**Child Care for School-Age Children / Teacher Certificate of Achievement**

**Associate Teacher Certificate of Achievement**

**Early Intervention Assistant Certificate of Achievement**

**Paraprofessional Certificate of Achievement**

Outcomes:

         *Integrate understanding of the needs, the characteristics and multiple*

*influences on development of all children as related to high quality care*

*and education of young children.*

         *Analyze, demonstrate and evaluate effective practice in working with*

*young children.*

         *Design, implement and evaluate environments and activities that support*

*positive developmental play and learning outcomes for all young children.*

         *Apply effective guidance and interaction strategies that support all*

*children’s social learning, identity and self-confidence.*

         *Apply ethical standards and professional behaviors that demonstrate*

*understanding and knowledge, deepening the commitment to the Early*

*Care and Education profession*

Outcomes:

* *Integrate understanding of the needs, the characteristics and multiple*

*influences on development of all children as related to high quality care*

*and education of young children.*

* *Analyze, demonstrate and evaluate effective practice in working with*

*young children.*

* *Design, implement and evaluate environments and activities that support*

*positive developmental play and learning outcomes for all young children.*

* *Apply effective guidance and interaction strategies that support all*

*children’s social learning, identity and self-confidence.*

* *Apply ethical standards and professional behaviors that demonstrate*

*understanding and knowledge, deepening the commitment to the Early*

*Care and Education profession*

Communications Program and Degree

**Program**

**Communications Associate in Arts Degree**

Outcomes:

* *Construct and deliver a presentation with communicative competence and confidence.*
* *Demonstrate the dynamics of effective communication in a variety of settings and contexts.*

Composition and Literature Program, Degree, and Certificates:

**English Associate in Arts Degree**

Outcomes:

Composition Sequence:

**Program**

*Write a passing documented thesis/argument based research paper, free of intentional or unintentional plagiarism with annotated bibliography.*

Writing Center:

**Program**

* *Tutors respond to students’ writing in an effective manner that is in keeping with writing center best practices.*
* *Students utilize the writing process to improve writing skills.*

Creative Writing:

**Program**

**Certificate in Creative Writing**

*Identify the thematic implications of an image or recurring motif in their own work and the work of professional writers.*

Literature:

**Program**

*Produce a passing explication of a short text with an arguable thesis and cited support from that text*

Film:

**Program**

*Explain the role of photography, editing and sound to make filmic meaning*

Journalism:

**Program**

**Certificate in Journalism**

*Demonstrate the process of newspaper production, including layout and writing*

Computer Science Program and Degree:

**Program**

**Computer Science Associate in Science Degree**

Outcomes:

* *Understand the social impact of computers on human society*
* *Carry out computer related tasks with professional ethics*
* *Write programs using procedural programming language*
* *Write programs using object oriented programming language*
* *Analyze and solve application problems in science and engineering*
* *Write programs using advanced programming concepts*

Computer Services Program

**Program**

Outcome:

*Students will be able to access and disseminate information, expedite decision making and enhance communication.*

Counseling Program

**Program**

Outcomes:

Counseling Center:

*Develop and follow Student Educational Plan (SEP) to attain his/her educational goal.*

Fifteen Percent : RC/NC-MCCAP:

*Identify the demands of college level courses and make educational decisions based on*

*their exposure to higher education.*

On-Line Counseling

* A*ble to use available online FAQ resources*
* *Navigate the Live Help online counseling program*

Transfer Center:

*Demonstrate the ability to make informed decisions when selecting a transfer program,*

*academic major & transfer university.*

Career Services:

*Demonstrate the ability to identify at least one occupation that matches their personal factors (values, interests, and personality) and obtain the description, educational requirements, and salary for the occupation.*

Reentry Services:

\* *see reentry qualitative summary*

Employment Services:

*Demonstrate how to access job website and obtain the a job referral for possible*

*employment.*

Assessment:

*Understand the meaning of their individual test results, and use the system to challenge results.*

Orientation:

*List the basics of the college catalog; class schedule; counseling services; associate*

*degree, certificate, & transfer requirements; assessment scores.*

Registration To Go:

*Explain the community college matriculation process (application, placement,*

*orientation, counseling/advising, registration, student educational plans, follow up).*

Honors Counseling:

*Formulate, explain, and follow Student Education Plan (SEP) to attain his/her*

*educational goal.*

Early Alert:

*Identify barriers to academic success and, with counselor assistance, develop strategies*

*to address the issues.*

Student Athlete Retention Program:

*Formulate, explain, and follow Student Educational Plan for meeting academic and/or*

*athletic eligibility requirements for the COA, NCAA, NAIA institutions.*

Probation Services:

*Define probation, explain the consequences of probation and list the steps needed to*

*clear probation status.*

Criminology Program and Degrees:

**Program**

**Corrections Associate in Science Degree**

**Law Enforcement Associate in Science Degree**

Outcomes:

* *Recognize the functions of the Criminal Justice System*
* *Be able to calculate how to work within a constitutional framework*

DSPS Program

**Program**

Outcomes:

* *Students will effectively access services.*
* *Students with disabilities will utilize appropriate DSP&S Services*
* *DSP&S students will effectively matriculate through college.*

Dental Assisting Program, Degree, and Certificates:

**Program**

**Dental Assisting Associate in Science Degree**

**Dental Assisting Certificate of Achievement**

Outcomes:

* *Demonstrate skills needed to assist the dentist at chairside utilizing four-handed dentistry techniques in team concepts: instrumentation and maintaining the operating field.*
* *Demonstrate skills and knowledge needed to expose, process, and evaluate diagnostic films and pass the State Radiology Exam at75% or better.*

EOPS Program

**Program**

Outcome:

*Recruit and successfully retain college students of educationally and socio-economically disadvantaged backgrounds from throughout Fresno, Tulare, Kings, and Madera Counties*

ESL Program

**Program**

Outcome:

*Read academic passages of various lengths and recognize main idea and various details.*

Engineering Program and Degree:

**Program**

**Engineering Associate in Science Degree**

Outcome:

* *Apply knowledge of mathematics, science, and engineering fundamentals.*
* *Identify, formulate, and solve basic engineering problems.*
* *Conduct experiments as well as analyze and interpret the data resulting from these experiments.*
* *Make basic design decisions concerning appropriate level engineering problems.*
* *Communicate effectively, orally, in writing, and graphically.*
* *Understand the impact of engineering solutions in a global and societal context.*
* *Use the techniques, skills, and modern engineering tools necessary in engineering practice.*

Environmental Horticulture Program, Degree, and Certificates

**Program**

**Environmental Horticulture Associate in Science Degree**

**Environmental Horticulture Certificate of Achievement**

Outcomes:

* *Demonstrate a proficiency in performing basic tasks of landscape installation/construction [with*

*minimal technical supervision].*

* *Demonstrate a proficiency in performing basic tasks of landscape and turf maintenance, irrigation analysis and repair, pruning, trimming, and mowing skills.*
* *Demonstrate a proficiency in performing basic landscape design activities including client contact, site measuring, evaluation of client needs, final plan design, and cost estimates to clients.*
* *Demonstrate a proficiency in basic plant identification and usage associated with the horticulture industry including water-wise gardening techniques.*
* *Demonstrate a proficiency in basic plant propagation and production tasks with emphasis on nursery operations*
* *Demonstrate a proficiency in basic retail nursery tasks including display merchandising and*

*salesmanship, and concepts of quality, service, and knowledge.*

* *Demonstrate a proficiency in digital/electronic technology as found in the horticulture business*

*industry.*

* *Demonstrate proficiency in common workday tasks such as filling-out timesheets and absence forms as well as a basic understanding of employment policies and ethics.*

Financial Aid Office Program

**Program**

Outcome:

*Make the entire financial aid process easier and more streamlined for students – resulting in the timely receipt of financial aid.*

Fine Arts Degree

**Fine Arts** **Associate in Arts Degree**

Outcomes:

* Demonstrate progressive technical comprehension and practice of one or more artistic media.
* Demonstrate an aesthetic and intellectual comprehension of culturally diverse works in the visual arts (both traditional and new media) and the performing arts (including music).

Food and Nutrition Program

**Program**

Outcomes:

* *Assess and evaluate the functions of carbohydrates, fats, proteins, vitamins, minerals, and water interrelate in body physiology.*
* *Discern nutrition facts from fallacies based on scientific research.*
* *Analyze the relationship between diet and exercise for optimal health.*
* *Draw conclusions and appraise the ongoing impact of the elements of nutrition throughout the life cycle.*
* *Utilize and apply various food grouping plans.*
* *Identify influences of food choices.*
* *Evaluate the diet that can meet the USRDA.*
* *Recognize health risks of underweight and overweight conditions.*
* *Learn the similarities and differences of multicultural backgrounds as related to nutrition and health.*
* *Communicate effectively in written and oral presentations, individually and in group settings.*

Food Services Program

**Program**

Outcome:

*Provide healthy and nutritious options for students and staff, while maintaining a balanced budget.*

Foreign Languages Program and Degree

**Program**

**Foreign Language Associate in Arts Degree**

Outcomes:

* *Engage in conversation using the target language in daily life situations.*
* *Read with a certain depth of understanding magazine or newspaper articles, short stories and literary excerpts written in the target language.*
* *Write at the intermediate level in the target language in a variety of modalities including personal and professional letters, short narratives and descriptive essays.*
* *Recognize and understand cultural similarities and differences between U.S. culture and that of the target language.  Distinguish simple behavioral patterns that represent these cultures and behave in culturally appropriate ways in specific situations.*

Forestry and Natural Resources Program, Degree, and Certificates

**Program**

**Forestry/Natural Resources Associate in Science Degree**

**Forest Surveying Technology Certificate of Achievement**

**Forest Technology Certificate of Achievement**

**Forestry Technician Firefighting Emphasis Certificate of Achievement**

Outcomes:

* *Communicate effectively, including use of proper presentation and interpretative techniques to, the public and co-workers, using diverse media.*
* *Utilize and apply digital/electronic technology and specialized software programs for forest mapping, inventorying, and communication.*
* *Demonstrate a breadth of knowledge of scientific, social, and political issues tied to the natural resources industry, providing a base for decision making and credibility in personal interactions and career decisions.*
* *Perform technical skills important for entry level positions in the forestry and natural resources field.*
* *Successfully secure and maintain seasonal employment in the forestry and natural resources field while demonstrating professional ethics.*
* *Describe scientific concepts and processes which affect the sustainability of natural resources.*

Geography Program

**Program**

Outcomes:

* *Identify and discuss the geographic features of the world and the basic processes that produce the earth’s weather, climate, landform, and natural vegetation regions.*
* *Use a map to illustrate the geographic features of the world and its regions.*
* *Discuss current world issues using an international perspective rather than a local one.*

Guidance Studies Program

**Program**

Outcomes:

* *List courses required to complete academic goal (SEP)*
* *Identify and take steps to reduce personal barriers*
* *Establish a goal & steps to achieve it*
* *Demonstrate knowledge of academic language*
* *Develop & utilize time mgmt skills*
* *Demonstrate knowledge of college policies and procedures*
* *Identify a preferred career path*
* *Identify & utilize college resources*
* *Demonstrate effective use of college catalog and schedule of courses*
* *Select & apply appropriate tutoring strategies*
* *Evaluate family system & implement strategy for improvement*
* *Distinguish appropriate work behaviors*
* *Identify personal learning style*
* *Create a personal budget*
* *Demonstrate organizational skills*
* *Evaluate transfer readiness*
* *Demonstrate problem solving strategies*
* *List courses required to complete academic goal (SEP)*
* *Identify and take steps to reduce personal barriers*
* *Establish a goal & steps to achieve it*
* *Demonstrate knowledge of academic language*
* *Develop & utilize time mgmt skills*
* *Demonstrate knowledge of college policies and procedures*
* *Identify a preferred career path*
* *Identify & utilize college resources*
* *Demonstrate effective use of college catalog and schedule of courses*
* *Select & apply appropriate tutoring strategies*
* *Evaluate family system & implement*
* *strategy for improvement*
* *Distinguish appropriate work behaviors*
* *Identify personal learning style*
* *Demonstrate a personal budget*
* *Demonstrate organizational skills*
* *Evaluate transfer readiness*
* *Apply problem solving strategies*

Health Care Interpreter Program, Degree, and Certificates

**Program**

**Certificate in Health Care Interpreter**

Outcome:

*Students will able to demonstrate professional interpreting, and they will be skillful, competent and culturally sensitive interpreters.*

Health Education Program and Certificates

**Program**

**Certificate in Coaching**

**Certificate in Sports Turf Management**

Outcomes:

* *Assess and analyze one’s own personal wellness to be able to integrate positive health changes in lifestyle*
* *Apply nutritional knowledge to one’s own dietary intake and weight management*

Health Services Program

**Program**

Outcomes:

*Upon completion of the Reedley College Health Services intervention a student will be able to:*

* *Identify and articulate presenting symptoms of physical/emotional distress.*
* *Identify internal and/or external resources student may have to meet the identified need.*
* *Identify risk behaviors and recognize opportunity to make lifestyle changes.*
* *Make judgment regarding health risk of behaviors*

History Program

**Program**

Outcome:

*Understand the origins of America’s distinctive political traditions and governmental institutions.*

International Programs (CASS, SEED) Program

**Program**

Outcome:

* *Score well enough on the English placement exam to qualify for Eng 125/126.*
* *Complete the requirements for the Agriculture Business certificate.*
* *Compile an employment portfolio which includes a cover letter, resume and work samples.*
* *Produce a Community Action Plan document which describes their home community, its needs and resources, and a plan to improve some aspect of the community.*
* *Volunteer a minimum of 120 hours in community service activities during their two year program.*
* *Complete a 120 hours job shadow/internship with a local company.*

Liberal Arts Degree

**Liberal Arts Associate in Arts Degree**

Outcome:

*Communicate knowledge of the liberal arts content using correct essential vocabulary.*

Liberal Arts and Sciences, American Studies Degree

**Liberal Arts and Sciences, American Studies Associate in Arts Degree**

Outcome:

Liberal Arts and Sciences, Arts and Humanities Degree

**Liberal Arts and Sciences, Arts and Humanities Associate in Arts Degree**

Outcome:

Liberal Arts and Sciences, Natural Sciences Degree

**Liberal Arts and Sciences, Natural Sciences Associate in Arts Degree**

Outcome:

Liberal Studies Degree

**Liberal Studies Associate in Arts Degree**

Outcome:

*Demonstrate effective written and oral communication skills across the broad categories of intellectual heritage, artistic expression, the natural and physical world, human behavior, and health concepts.*

Library Services Program

**Program**

Outcomes:

*Through interaction with library staff and resources, students will be able to:*

* *Apply research skills and strategies to locate appropriate information in the library’s print and online resources.*
* *Apply research skills and strategies to locate appropriate information in the library’s print and online resources.*
* *Recognize the need for information to accomplish academic, professional and personal objectives.*

Licensed Vocational Nursing Program, Degree, and Certificate

**Program**

**Licensed Vocational Nursing Associate in Science Degree**

**Licensed Vocational Nursing Certificate of Achievement**

Outcome:

*Upon successful completion of LVN 100 the student will be able to demonstrate correct assessment and documentation of the respiratory system.*

Manufacturing Technology Program, Degrees, and Certificates

**Program**

**Machine Tool Technology Associate in Science Degree**

**Welding Technology Associate in Science Degree**

**Manufacturing 1 Certificate of Achievement**

**Machinist Certificate of Achievement**

**Welder Certificate of Achievement**

**Welding Technology Certificate of Achievement**

**Certificate in Maintenance Mechanic**

**Certificate in Turning and Milling**

**Certificate in Welding**

**Certificate in Welding Technology**

**Certificate in Welding Technology, Advanced**

Outcome:

*Organize and arrange workflows/ machine tool selection, hand tools and machine operations in a shop environment.*

Math Program and Degree

**Program**

**Mathematics Associate in Science Degree**

Outcomes:

* *Communicate mathematics with understanding (read, write, listen, speak).*
* *Use critical thinking and mathematical reasoning to solve a variety of problems.*
* *Apply mathematical models to real world situations.*
* *Use technology, when appropriate, to enhance their mathematical understanding, critical thinking, and problem solving skills.*
* *Demonstrate the ability to use symbolic, graphical, numerical and written representations of mathematical ideas.*

Mechanized Agriculture Program, Degrees, and Certificates

**Program**

**Mechanized Agriculture Associate in Science Degree**

**Mechanized Agriculture Certificate of Achievement**

**Certificate in Diesel Engines, Service Fundamentals and Machine Systems**

**Certificate in Diesel Engines, Transmissions, Electrical and Hydraulic Systems**

**Certificate in Electrical, Hydraulics and Welding**

**Certificate in Fuels and Tune Up and Machine Undercarriage**

**Certificate in Transmissions, Torque Converters and Air Conditioning**

Outcomes:

*Utilize and apply computer technology such as internet based service manuals and digital electronic fault code reading.*

Music Program and Degrees

**Program**

**Music, Instrumental Associate in Arts Degree**

**Music, Vocal Associate in Arts Degree**

Outcomes:

* *The greatest measure of success comes from seeing the success of our music majors as they continue on to a four-year school.*
* *Another measure of success is the number of students who continue to return to Reedley College to take performance classes over and over because they continue to receive musical fulfillment from them.*

Nursing Assistant Training Program and Certificate

**Program**

**Certificate in Nursing Assistant Training**

Outcome:

*Fulfill the prescribed learning objectives and to take the state test for CNA certification.*

Office of Instruction Program

**Program**

Outcomes:

* *Develop processes that assess the Office of Instruction’s effectiveness*
* *Analyze how communication takes place from Office of Instruction to faculty and staff*
* *Work with faculty on a new staff development plan*

Philosophy Program

**Program**

Outcomes:

* *Master these principles of deductive reasoning and argument*
* *Produce a successful argumentative essay*

Physical Science Degree

**Physical Science Associate in Arts Degree**

Outcomes:

* *Recognize and utilize correctly the terminology of math, statistics and/or science.*
* *Analyze and interpret data using quantitative and qualitative methods.*

Physics Program

**Program**

Outcome:

*Apply algebra, trigonometry, and/or first-year calculus to solve physical problems within the topics covered in class.*

Physical Education Program and Degree

**Program**

**Physical Education Associate in Science Degree**

Outcome:

*Plan, implement, and practice appropriate fitness activities that promote improved levels of muscular strength & endurance, cardio-respiratory endurance, flexibility, and body composition.*

Plant Science Program, Degrees, and Certificates

**Program**

**Agriculture and Technology Associate in Science Degree**

**Plant and Soil Science Associate in Science Degree**

**General Agriculture Certificate of Achievement**

**Production Agriculture Technician Certificate of Achievement**

**Irrigation, Fertility and Pest Management Technician Certificate of Achievement**

Outcomes:

* *Comprehension and identification of the structures and functions of plant cells, organelles, tissues, organs, and integrate important plant processes such as growth, photosynthesis, respiration, and translocation with plant management practices.*
* *Experience with the physical, chemical, and biological properties of soils, and the incorporation of analytical testing procedures for nutrients, moisture, and physical characteristics with economical stewardship of soil management.*
* *Developed awareness of theoretical and practical applications to orchard, vineyard, and vegetable production systems with emphasis on San Joaquin Valley specifics for irrigation, fertility, cultural, and pest managements.*
* *Measurable knowledge and skills of irrigation science with its effects on plant growth and development, yield and profitability, soil properties and reclamation. Additional competence developed includes predictive models and scheduling; system design, operation, and evaluation; and historical, political, and societal interactions with irrigation.*
* *Understanding of the principles of integrated pest management, including population dynamics and selection, and the use of biological, chemical, regulatory, genetic, cultural, and physical/mechanical control options in a systems approach that optimizes economics and minimizes environmental side effects.*
* *Competency in quantitative and qualitative data analyses related to performance of crop variety, fertilizer treatments, cultural effects, and environmental stresses. Evaluation and establishment of laboratory, test plot, and field conditions to determine if significant differences exist and can be identified.*
* *Proficiency in machinery management and operation of farm equipment.*
* *Demonstrate a breath of knowledge in the agriculture industry which provides a base for effective decision making and credibility in personal interactions and career decisions.*

Political Science Program

**Program**

Outcome:

*Understand the checks and balances system, recognizing how each branch of government functions in relation to the other two branches. Students will identify the key responsibilities and limitations of each branch.*

Psychology Program

**Program**

Outcomes:

* *Analyze and discuss major psychological theories and research.*
* *Apply psychological concepts when examining human and animal behavior.*
* *Synthesize knowledge regarding culture, history and genetics in understanding behavior.*
* *Critically evaluate scientific claims within the field of psychology and beyond.*
* *Develop insight into human development and growth.*
* *Utilize psychological applications in the pursuit of self-improvement and relationships.*
* *Integrate psychological theory and practice in analyzing social issues;*
* *Differentiate valid scientific inquiry from pseudoscience;*
* *Apply psychological concepts to the development of effective college learning skills;*
* *Demonstrate ability to apply independent critical thinking skills.*

Reading Program

**Program**

Outcomes:

* *Understand and state the topic and central point of text and journal passages of varying lengths and levels of difficulty.*
* *Recognize the major details which are presented in text and journal passages to develop and support the central points.*
* *Recognize and identify organizational patterns used by authors to express logical relationships and use the same organizational patterns to paraphrase and record the important information in a text or journal passage.*
* *Distinguish among statements of fact, personal opinion, and reasoned opinion in text and journal passages.*

Registered Nursing Program, Degrees, and Certificates

**Program**

**Registered Nursing Associate in Science Degree**

**Registered Nursing Certificate of Achievement**

Outcomes:

Residence Hall Program

**Program**

Outcomes:

* *By the end of one semester residents will understand how to manage their finances to meet their obligations; pay rent, purchase books and supplies and meet their nutritional needs.*
* *By the end of one semester residents will understand that specific behaviors may result in disciplinary sanctions.*
* *By the end of the semester residents will recognize the diversity of the individual residents from the United States and International countries.*
* *By the end of the academic year residents will have participated in one self-governance activity through the Residence Hall Club, VP-SAC or ASB.*
* *By the end of the academic year residents will have participated in one community service activity; Rails to Trails clean-up, Reedley Street Faire, Reedley Chamber of Commerce events and Taste of the Town.*

School Relations Program

**Program**

Outcomes:

* *Prospective students who receive recruitment materials will complete a contact card and/or apply to the College.*
* *Prospective students who attend outreach presentations/application workshops will apply to the College.*
* *Prospective students who participate in individual scheduled visits with School Relations staff will supply contact card or application.*
* *Prospective students who participate in on-campus tours (e.g. Kaleidoscope, Spring Extravaganza) will complete a contact card or application to the College.*
* *Prospective students who participate in Reg-to-Go will enroll at the College.*

Social Science Degree

**Social Science Associate in Arts Degree**

Outcomes:

* *Identify* ***the main characteristics, concepts, ideas, and theories of at least four social science disciplines including Anthropology, Ethnic Studies, Geography, History, Political Science, Psychology, and Sociology.***
* ***Use Social Science concepts to analyze cultural, global, political, psychological, and social issues.***

Sociology Program

**Program**

Outcome:

*Discuss the difference between Functionalism, Conflict, and Symbolic Interaction theories*

Student Activities Office Program

**Program**

Outcomes:

* *Demonstrate effective communication skills and techniques, to effectively conduct meetings*
* *Develop an understanding of group dynamics including conflict resolution and group decision making processes, by attending workshops, or series.*
* *Demonstrate an awareness of ones community and the role and responsibility that he/she plays within their community.*
* *Students will learn Robert’s Rules of Order as a means of running an effective and organized meeting.*
* *Students will attend leadership workshops to engage in networking and educational opportunities.*

Tutorial Services Program

**Program**

Outcomes:

*Apply appropriate study strategies to improve class performance.*

Upward Bound Program

**Program**

Outcomes:

**WILL SUBMIT REPORT FALL 2010**