

June Bettencourt
AGED 539
Teacher Internship
Report
Central High School
West Campus
Cal Poly, San Luis
Obispo
AGED Masters
Fall 2015

Quality Criteria 1: Curriculum and Instruction

Quality Criteria 2: Leadership and Citizen Development

Quality Criteria 3: Practical Application of Agricultural Skills

Quality Criteria 4: Qualified and Professional Personnel

Quality Criteria 5: Facilities, Equipment, and Materials

Quality Criteria 6: Community, Business, and Industry Involvement

Quality Criteria 7: Career Guidance

Quality Criteria 8: Program Promotion

Quality Criteria 9: Program Accountability and Planning

Quality Criteria 10: Student to Teacher Ratio

Quality Criteria 11: Full Year Employment

AGED 539 Special Focus Project:
Chapter Website

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Quality Criteria

1. Curriculum and Instruction
2. Leadership and Citizenship Development
3. Practical Application of Agricultural Skills
4. Qualified and Professional Personnel
5. Facilities, Equipment, and Materials
6. Community, Business, and Industry Involvement
7. Career Guidance
8. Program Promotion
9. Program Accountability and Planning
10. Student to Teacher Ratio
11. Full Year Employment
12. Program Achievement

Quality Criteria 1: Curriculum and Instruction

All classes taught in the Central High School West Agriculture program are set up in organized pathways. There are four main course pathways: Agriculture Science, Animal Science, Agriculture Mechanics, and Horticulture. Each pathway has an introductory course and a capstone course. We also offer an Agriculture Economics and Government class for our senior students as well as an Agriculture Leadership class as an elective.

All courses teach leadership skills, organizational skills, and personal development. All students (except first year agriculture students) are required to have a Supervised Agriculture Experience Project which consists of 10% of the student's grade in their agriculture class. Students are to maintain an up-to-date SAE Recordbook. First year students learn about the importance of having an SAE Project and the importance of keeping records on their future projects while planning their future SAE project. In order to receive full credit for their SAE project in their grade, each student must spend 50 hours per semester on their SAE, as reflected by their record book. For students who complete more than the required 50 hours in the first semester, any additional hours roll over and count for the second semester grades. This helps out students who take an animal to the fair in October and will not purchase another project until May or June of the next year. Our department is currently in the process of developing a standardized rubric that can be utilized by everyone in the department. In addition to the required SAE requirement, all students are required to participate in two out-of-class activities per semester. This is worth 5% of their grade. Extra activities completed do not roll over to the next semester,

but will help a student earn a spot in the top twenty point award trip at the end of the school year.

Courses also teach career pathways as well as post-secondary education opportunities and job opportunities for life after high school. Capstone courses focus on skills such as resume writing, job applications, and job interview skills. There is a strong focus on real world experiences in each agriculture course offered. Mechanics courses bring in vocational college speakers and work on a variety of hands-on real world jobs. Agri-science and horticulture classes focus on labs both on and off our school farm facility. The Vet Science class and Food Science class bring in guest speakers who work in those fields. The 22-acre school farm is utilized as much as possible for all classes. The Ag Science 1 classes use the farm for animal labs and garden plots. The mechanics classes perform maintenance and repairs that help build marketable skills. When an opportunity is presented, as agriculture teachers, we try to seize that moment, whether it be helping with lambing on the school farm, going across the street to watch the heavy equipment level a ripped field, or bringing in educational guest speakers. These opportunities are what excite our students. Courses offered also teach career pathways as well as post-secondary educational opportunities and job opportunities for life after high school. The capstone courses focus on skills such as resume writing, job applications, and job interview skills. Where our department could improve is offering more junior/senior level courses. Our campus is heavy in ninth graders, so most of energy and time goes into teaching those younger students, which leaves our older students with minimal opportunities.

All agriculture courses count towards high school graduation. There are many agriculture courses that count towards elective credit. The Floral Design course is approved for U.C. Fine Art credit as well. All Agriculture Science courses meet the graduation requirements and U.C. a-g credit. Students will take Agriculture Science 1 in the 9th grade, Ag Biology and Plant & Animal Physiology in the 10th grade, Ag Chemistry and Food Science in the 11th grade, and ROP Bio Technology or ROP Veterinary Science in the 12th grade. Counselors and administration have been very instrumental in maintaining the school master schedule so nearly all agriculture courses are offered to the students.

Supporting Completion Materials

Item A- Incoming Freshmen Class Offerings.

Item B- Agriculture Pathway for upcoming sophomores, juniors and seniors.

Items C - Pacing guides for Ag Biology, Ag Science 1, and Food Science

Item D- UC A-G requirements and list of Agriculture courses that meet these requirements.

Item E- Pathways that are offered, including potential career opportunities.

Item F- Screen shot of our Fresno-Central FFA Webpage. FFA results, applications and information are posted here.

Item G- FFA iRecordbook Password list, included to show that iRecordbooks are utilized as part of the Ag Education Program.

Item H- Our department-wide SAE project completion and fair check sign-off sheet.

Included to show that Record Book completion and close out is required for students to receive a fair check.

Item I- Course Syllabi for each of the three classes that I teach (Ag Science 1, Ag Biology, Food Science). Discusses that Ag education is comprehensive and requires participation in FFA/SAE.

Item J- New Course UC Template. Blank Template, along with two completed templates for a new Ag Biology and Ag Chemistry classes.



Central High School West Campus Agriculture Department



Freshmen Class Offerings

Science Credit	Ag Science 1/ Ag Biology
Graduation Requirement	Ag Freshmen Requirements
Electives	Floral Design Ag Construction 1 Ag Power Equipment (Small Engines) Ag Leadership (with approval)

The classes I would like to take next year are

Central High Ag Department Class Offerings			
	10th Grade	11th Grade	12th Grade
Science Core	Ag Biology	Ag Chemistry	Ag Government/ Econ
Science Electives	Plant and Animal Physiology and Anatomy	Food Science	Food Science
		ROP Vet Science/ ROP Biotech	ROP Vet Science / ROP Biotech
Floral Design	Floral Design	Ornamental Horticulture	ROP Floral Design
	Ornamental Horticulture	ROP Floral Design	ROP Floral Design
Ag Construction	Ag Construction 1	Ag Construction 2	ROP Welding I/II
	Ag Construction 2	ROP Welding I	ROP Welding II
Ag Power	Ag Power Equipment	Advanced Ag Power	ROP Diesel Engines
	Advanced Ag Power	ROP Diesel Engines	ROP Diesel Engines
Electives	Ag Leadership	Ag Leadership	Ag Leadership
	Equine Science	Equine Science	Equine Science
	Farm Management	Farm Management	Farm Management
	Landscaping	Landscaping	Landscaping

Classes I would like to take next year:

English	English I	English II	English III	English IV
Math	Math I	Math II	Math III	Math IV
Science	Science I	Science II	Science III	Science IV
History	History I	History II	History III	History IV
Art	Art I	Art II	Art III	Art IV
Physical Education	Physical Education I	Physical Education II	Physical Education III	Physical Education IV
Music	Music I	Music II	Music III	Music IV
Foreign Languages	Spanish I	Spanish II	Spanish III	Spanish IV
Computer Science	Computer Science I	Computer Science II	Computer Science III	Computer Science IV
Health Education	Health Education I	Health Education II	Health Education III	Health Education IV
Electives	Elective I	Elective II	Elective III	Elective IV

Days	Topic	CA Standards Addressed * Bold Standards should be mastered by the end of the unit and they encompass all sub standards within them.
1 - 3	Class Business	
4	Benchmark #1	All
5-7	What is FFA?	Agriculture Standards 9.2, 10.1, 10.2
8-12	Agriculture- California Agriculture and Modoc County Agriculture	9.a, 9.c Agriculture Standards C1.1, C1.2, C1.3, C1.4, C1.5, C1.6
13-20	Mapping Skills- Latitude, Longitude, Location, Topography (Deserts and Rainforests)	5.e
21-25	Minerals- Physical Properties, ID, Composition	Supports 9.a, 3.c
26-30	Rocks- Rock Cycle, Types, Formation, Characteristics, ID	3.c
31	Energy in the Earth System-Vocabulary	4, 5, and 6
32-41	Earths Energy- Energy Flow, Solar Radiation, Heat, Greenhouse Effect	4.a, 4.b, 4.c
42-55	Earths Energy- Atmospheric Temperatures and Pressures, Circulation Patterns of Heat, Ocean and Air Currents, Temperature Inversions	5.a, 5.b, 5.c,
56-60	Earth's Energy- Oceans, Ocean Water-salinity, density, inversions, currents, Distribution of marine organisms	5.d
60-66	Earth's Energy- Climate and Weather over time, Factors affecting Climate	6.a, 6.b, 6.c
67	Earth's Energy Exam	4, 5, and 6
68	Benchmark #2	All
69	Dynamic Earth Processes Vocabulary	3
70-79	Dynamic Earth Processes- Evidence for Plate Tectonics, Features of Ocean Floor, Plate Boundaries, Earthquakes, Volcanoes	3.a, 3.b, 3.d, 3.e
80	Dynamic Earth Processes Exam	3
81	Biogeochemical Cycles Vocabulary	7
82-95	Biogeochemical Cycles- Photosynthesis, Respiration, Carbon Cycle, Water Cycle, Nitrogen Cycle, Movement of Matter and Energy	7.a, 7.b, 7.c
96	Biogeochemical Cycles Exam	7
97	1st Semester Final Exam	3, 4, 5, 6, 7

98	Structure and Composition of the Atmosphere Vocabulary	8
99-107	Structure and Composition of the Atmosphere- Layers of the Atmosphere, Chemical Composition of the Atmosphere, Outgassing, Developing Oxygen Levels, Ozone Layer	8.a, 8.b, 8.c
108	Structure and Composition of the Atmosphere Exam	8
109	California Geology Vocabulary	9
110-116	California Geology- Important Resources (water, land, air, natural gas, geothermal energy, solar energy, wind energy), Natural Hazards, Water	9
117	California Geology Exam	9
118	Earth's Place in the Universe Vocabulary	1 and 2
119-129	Earth's Place in the Universe- Formation of the Solar System, Bodies of the Solar System (Planets, Stars, Comets, Asteroids, Meteoroid), Formation of Earth, Earth's history,	1.a, 1.b, 1.c, 1.f
130-133	Earth's Place in the Universe- Location of bodies within the solar system	1.d, 1.e, 1.f
134	Benchmark #3	All
135-143	Earth's Place in the Universe- Galaxies, Milky Way, Nuclear Fusion, Life Cycle of Stars	2.a, 2.b, 2.c, 2.d
144	Earth's Place in the Universe Exam	1 and 2
145-153	Review for CST Exam	Individualized standards based on student needs
154-163	Parliamentary Procedure- Formation, Characteristics and Usefulness, Motions	Ag Standards 2.4 (1.1)
164-170	Record Books- Budgets, Journals, Ownership Agreements, Non-ownership Agreements	Ag Standards 10.3
171-174	Review for Final Exam	All
176-180	Final Exam	All

BIOLOGY PACING GUIDE

Course Description: The biology curriculum is designed to continue student investigations and deepen student understanding of the biological sciences. High school instruction should include concepts introduced in K-8 at a more abstract level. In-depth study of the following concepts is included; the cell, the molecular basis of heredity, biological evolution, the interdependence of organisms, matter, energy and organization in living systems, and the adaptive responses of organisms. For instruction, the program strands and unifying concepts should be woven through the content goals and objectives of the course.

Week	Power/Essential Standard	CA Content Standard	Chapter.Section
1	The learner will develop abilities necessary to do and understand scientific inquiry.	<ul style="list-style-type: none"> I.E. 1f – Distinguish between hypothesis and theory as scientific terms I.E.1j – Recognize the issues of statistical variability and the need for controlled tests. I.E.1k – Recognize the cumulative nature of scientific evidence. I.E.1n – Know that when an observation does not agree with an accepted scientific theory, the observation is sometimes mistaken or fraudulent (e.g., the Piltdown Man fossil or unidentified flying objects) and that the theory is sometimes wrong (e.g., the Ptolemaic model of the movement of the Sun, Moon, and planets). 	Scientific Processes (1.3)
			Biologists' Tools and Technology (1.4)
			Graphing Exercises
2	Learner will develop an understanding of the		Ecologists Study Relationships (13.1)

	ecological relationship among organisms.		
		6.a – Students know biodiversity is the sum total of different kinds of organisms and is affected by alterations of habitats.	Biotic and Abiotic Factors (13.2)
		6.e – Students know a vital part of an ecosystem is the stability of its producers and decomposers.	Energy in Ecosystems (13.3)
3		6.f – Students know at each link in a food web some energy is stored in newly made structures but much energy is dissipated into the environment as heat. This dissipation may be represented in an energy pyramid	Food Chains and Food Webs (13.4)
		6.d – Students know how water, carbon, and nitrogen cycle between abiotic resources and organic matter in the ecosystem and how oxygen cycles through photosynthesis and respiration.	Cycling of Matter (13.5)
			Pyramid Models (13.6)
4	**additional time for Chapter 13		
	Learner will develop an understanding of the continuity of life and the changes of organisms over time.		Darwin's Observations (10.2)
5		7.d – Students know variation within a species increases the likelihood that at least some members of a species will survive under changed environmental conditions. 8.a – Students know how natural selection determines the differential survival of groups of organisms.	Theory of Natural Selection (10.3)

			Evidence of Evolution (10.4)
6	(Extra week if needed)		
7		<p>7.c - Students know new mutations are constantly being generated in a gene pool.</p> <p>7.d – Students know variation within a species increases the likelihood that at least some members of a species will survive under changed environmental conditions.</p>	Genetic Variations Within Populations (11.1)
		8.a – Students know how natural selection determines the differential survival of groups of organisms.	Natural Selection in Populations (11.2)
8		8.c – Students know the effects of genetic drift on the diversity of organisms in a population.	Other Mechanisms of Evolution (11.3)
		8.d – Students know reproductive or geographic isolation affects speciation.	Speciation Through Isolation (11.5)
9		8.e – Students know how to analyze fossil evidence with regard to biological diversity, episodic speciation, and mass extinction.	Patterns in Evolution (11.6)
10	(Review for Benchmark)		
	Learner will develop an understanding of the physical, chemical, and cellular basis of life.	<p>1.h – Students know most macromolecules (polysaccharides, nucleic acids, proteins, lipids) in cells and organisms are synthesized from a small collection of simple precursors.</p> <p>4.e – Students know proteins can differ from one another in the number and sequence of amino acids.</p>	Carbon-Based Molecules (2.3)
11			Chemical Reactions (2.4)
		1.b – Students know enzymes are proteins that catalyze	Enzymes (2.5)

		biochemical reactions without altering the reaction equilibrium and the activities of enzymes depend on the temperature, ionic conditions, and the pH of the surroundings.	
12			Cell Theory (3.1)
		1. e – Students know the role of the endoplasmic reticulum and Golgi apparatus in the secretion of proteins.	Cell Organelles (3.2)
13		1.a – Students know cells are enclosed within semipermeable membranes that regulate their interaction with their surroundings.	Cell Membrane (3.3)
		1.a – Students know cells are enclosed within semipermeable membranes that regulate their interaction with their surroundings.	Diffusion and Osmosis (3.4)
14			Chemical Energy and ATP (4.1)
		1.f – Students know usable energy is captured from sunlight by chloroplasts and is stored through the synthesis of sugar from carbon dioxide	Overview of Photosynthesis (4.2)
15		1.6 – Students know the role of the mitochondria in making stored chemical-bond energy available to cells by completing the breakdown of glucose to carbon dioxide.	Overview of Cellular Respiration (4.4)
16-18	(Extra time to finish & then review for benchmark/final)		
19	Learner will develop an understanding of the continuity of life and the changes of organisms over time.	5.a – Students know the general structures and functions of DNA, RNA, and protein.	Structure of DNA (8.2)

		5.b – Students know how to apply base-pairing rules to explain precise copying of DNA during semiconservative replication and transcription of information from DNA into mRNA.	DNA Replication (8.3)
		1.d – Students know the central dogma of molecular biology outlines the flow of information from transcription of ribonucleic acid (RNA) in the nucleus to translation of proteins on ribosomes in the cytoplasm. 5.a – Students know the general structures and functions of DNA, RNA, and protein. 5.b – Students know how to apply base-pairing rules to explain precise copying of DNA during semiconservative replication and transcription of information from DNA into mRNA.	Transcription (8.4)
20		4.a – Students know the general pathway by which ribosomes synthesize proteins, using tRNAs to translate genetic information in mRNA. 4.b – Students know how to apply the genetic coding rules to predict the sequence of amino acids from a sequence of codons in RNA.	Translation (8.5)
21		4.c – Students know how mutations in the DNA sequence of a gene may or may not affect the expression of the gene or the sequence of amino acids in an encoded protein. 4.f – Students know why proteins having different amino acid sequences typically have different	Mutations (8.7)

		shapes and chemical properties.	
22		1.a – Students know cells are enclosed within semipermeable membranes that regulate their interaction with their surroundings.	The Cell Cycle (5.1)
			Mitosis and Cytokinesis (5.2)
23		2.b – Students know only certain cells in a multicellular organism undergo meiosis. 2.f – Students know the role of chromosomes in determining an individual's sex.	Chromosomes and Meiosis (6.1)
		2.a – Students know meiosis is an early step in sexual reproduction in which the pairs of chromosomes separate and segregate randomly during cell division to produce gametes containing one chromosome of each type. 2.e – Students know why approximately half of an individual's DNA sequence comes from each parent.	Process of Meiosis (6.2)
24		3.b – Students know the genetic basis for Mendel's laws of segregation and independent assortment.	Mendel and Heredity (6.3)
25			Traits, Genes, and Alleles (6.4)
		2.c – Students know how random chromosome segregation explains the probability that a particular allele will be in a gamete. 2.g – Students know how to predict possible combinations of alleles in a zygote from the genetic makeup of the parents. 3.a – Students know how to predict the probable outcome of phenotypes in a genetic	Traits and Probability (6.5)

		<p>cross from the genotypes of the parents and mode of inheritance (autosomal or X-linked, dominant or recessive).</p> <p>3.b – Students know the genetic basis for Mendel's laws of segregation and independent assortment.</p>	
26		<p>2.d – Students know new combinations of alleles may be generated in a zygote through the fusion of male and female gametes (fertilization).</p> <p>2.e – Students know why approximately half of an individual's DNA sequence comes from each parent.</p>	Meiosis and Genetic Variation (6.6)
27		<p>3.a – Students know how to predict the probable outcome of phenotypes in a genetic cross from the genotypes of the parents and mode of inheritance (autosomal or X-linked, dominant or recessive).</p> <p>7.b – Students know why alleles that are lethal in a homozygous individual may be carried in a heterozygote and thus maintained in a gene pool.</p>	Chromosomes and Phenotype (7.1)
			Complex Patterns of Inheritance (7.2)
28	(Review for benchmark)		Gene Linkage and Mapping (7.3)
29			Human Genetics and Pedigree (7.4)
30	Learner will develop an understanding of the unity and diversity.	1.c – Students know how prokaryotic cells, eukaryotic cells (including those from plants and animals), and viruses differ in complexity and general structure.	Studying Viruses and Prokaryotes (18.1)
		10.d – Students know there are important differences	Bacterial Disease and Antibiotics (18.6)

		between bacteria and viruses with respect to their requirements for growth and replication, the body's primary defenses against bacterial and viral infections, and effective treatments of these infections.	
31	(Human Body)		(Chapters 28-34)
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33			
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Food Science Curriculum

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Bacteria on Fresh Foods Key

Appendix

Food Science

FHA/HERO Proficiency Event - Food Science/Technology

FHA/HERO Proficiency Event - Food Science/Technology Evaluation

Activities Useful In All Units

Experiment Lab Form and Introduction

Safety Guidelines

Electrical Safety

Chemical Safety

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Fire Safety

Hand Safety and Protection

Glassware Safety

Personal Hygiene and Safety

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Equipment Use and Safety

Safety Precaution Symbols for Transparencies

Safety and Precautions Pictures with Blanks

Safety Rules - State of Illinois

Safety Contract

A-G SUBJECT REQUIREMENTS FOR CSU AND UC 2013-2014

Are you interested in going to college? You need to make sure that you are enrolled in the right classes. You must have the following courses, areas and classes to attend a 4-year University. Keep in mind more competitive schools will require more than the minimum requirements listed. Student Athletes should visit www.ncaa.org to check on athletic qualifications for colleges.

SUBJECT AREA	CENTRAL HIGH CLASSES
History 1 Year U.S. History 1 Year World History	US History, Modern World History, World Geography, American Government, Ag Government (also includes AP, Accelerated and SDAIE Courses)
English 4 Years College Prep	English 1, 2, 3, 4 ERWC, Composition & Literature, Fiction, AP Language & Composition, AP Literature & Composition and all Accelerated and SDAIE Courses
Mathematics 3 years minimum (Finishing at least Algebra 2)	Algebra 1, Foundations of Algebra/Geometry, Geometry, Algebra 2, Alg/Geo III, Trigonometry, Trig Elem Functions, AP Calculus AB, AP Calculus BC, AP Statistics and all SDAIE Courses
Science 2 years with Laboratory (Physical and Life)	Biology, Ag Biology , AP Biology, Chemistry, Ag Chemistry , Conceptual Physics, AP Chemistry, Anatomy, Physics, Zoology, Plant & Animal Physiology and all AP and SDAIE
Foreign Language 2 Years same Lang.	Spanish 1, 2, 3, 4 French 1, 2, 3, 4 Spanish Literacy 1, Spanish Literacy 2
Visual or Performing Arts 1 Year Art, Dance, Drama or Music	3-D Design, Theater 1, 2, 3, 4, Draw & Paint, Advanced Art, Beg/Int/Adv Ceramics, Computer Ceramics Design, Folklorico, Computer Arts & Graphics, Beg/Adv Stained Glass, Concert Choir, Digital 3-D, Jazz Band, Marching Band, Computer Ceramic Design, Video Production, AP Studio Art, ROP Comp Animation & Graphics, ROP Comp Graphics & Technology, AP Music Theory, Children's Theater, ROP The Art & History of Floral Design
Elective 1 Year of Academic Elective	Economics, Ag Economics , AP Economics, Ag Science 1 , Science 1, Psychology/Sociology, Glaze Calculation, American Justice, Principals of Technology, ROP Veterinary Science , Environmental Science, Food Science , AP Psychology and specific other courses listed above.

* MUST HAVE A C OR BETTER IN EACH REQUIRED COURSE *

Agricultural Mechanics

There are many different employment and post-secondary opportunities available in all aspects of Construction/Mechanical Technology. Students at Central High School West Campus are provided with the opportunity for both classroom and hands-on instruction. We offer a unique facility for our students with a metal fabrication shop and a small engine laboratory.

Aside from excellent education opportunities available at Central High School West Campus there are many intra-curricular activities designed to expand leadership and organizational skills. You will want to be a part of the unique opportunities available at West Campus.

Agriculture Power I: Small Engines

Be prepared to get your hands greasy! Another learn-by-doing course which will cover the basic theory and operation of an internal combustion engine and how to diagnose and correct problems in carburetion, ignition, and compression systems, as well as how to perform basic tune-up activities and small engine overhauls.

Advanced Agriculture Power

Advanced Ag Power provides an additional course opportunity for students interested in either the engineering or construction aspect of agricultural power machinery. The three power areas will include small engines, internal combustion engines, and electric motors. Team collaborative projects will be emphasized.

ROP Diesel Mechanics

This course emphasizes skills necessary in the fields of diesel mechanics, where students will learn major overhaul and tune-up of diesel engines. The course will also focus on skills in power machinery and small engine repair. maintenance with a strong emphasis upon safety will also be explored.

Ag Facility Maintenance & Operation

A real hands-on course for the student who desires to take on the physical challenge of solving problems in maintaining a production facility. An opportunity to safely operate a wide variety of power tools, machinery, and equipment in the construction, maintenance, and improvement of outdoor education and agriculture production facilities. Learn to maintain vehicles, tractors, trailers, and power horticulture equipment. Safety and quality of a finished project will be emphasized

Agriculture Construction I

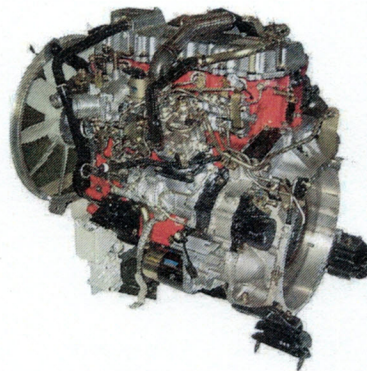
A hands-on course designed to put arithmetic skills to use in small project construction. Topics include shop safety, tool and machine identification, carpentry, soldering, oxyacetylene welding, plasma cutting, plumbing, electrical wiring, and concrete skills.

Agriculture Construction 2

This course is an introduction to skills required in arc and oxyacetylene welding, machine types, electrode use, welding position, basic joints, as well as shop safety skills and tool identification and use will be emphasized in the design and construction of small fabricated projects.

ROP Welding & Fabrication

A full year course emphasizing welding and construction skills in the advanced phases of arc welding, MIG, and TIG welding. The utilization of skills toward project fabrication and repair is the goal. Blueprint reading, measurement, project design, oxyacetylene welding and cutting, and plasma cutting will be included as well as job preparation skills.



Sample Career Opportunities

Service Technology
Certified Welder
Contractor
Equipment Operator
Researcher/Developer
Shop Foreperson
Small Gas Engine Mechanics



Intra-curricular Activities

Agriculture Mechanics
Small Engines
Agriculture Sales & Service
Job Interview

Welcome to Central High School West Agriculture Education



What is Agriculture Education?

Agriculture education exposes students to learning in an exciting and practical way. Instruction in agriculture teaches knowledge and skills with a “hands on” approach. The agriculture education model is composed of 3 categories:

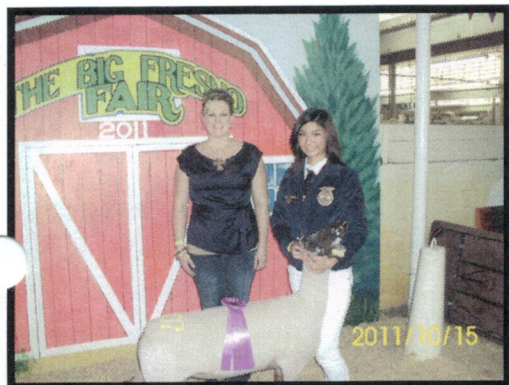
INSTRUCTION: This takes place in the classroom. There are over 20 different courses taught in agriculture at Central High School West. All agriculture science courses fulfill an A-G requirement for college entrance.

FFA: This is an intra-curricular national youth organization geared toward developing leadership skills, personal growth, and career success. There are many different Career Development Events (CDE's) and leadership activities that students can participate in.

SAE: Supervised Agriculture Experience Project is a component of the agriculture education model where students have the opportunity to apply skills learned in the classroom to a real-life project. Many think that this is just raising livestock for the fair but it can be anything related to agriculture including, but not limited to landscaping, welding, small engine repair, floriculture, and farming. Students learn how to keep records of their project, make a budget, and write contracts. Students also have the opportunity to earn money by selling services such as landscaping or producing and selling products such as livestock or vegetables. Students can also have an agricultural work experience or agricultural research project.

So why is Agriculture Education important to you?

Believe it or not, Fresno County is the # 1 Agriculture producing county in United States of America. 20% of all jobs in the Fresno area are related to agriculture. 1 out of every 8 jobs in California is tied to agriculture. It is important that we all know where our food, fiber, and natural resources come from. Ag Education will prepare students for their goals after high school whether it be going to a 4 year college, a trade school, or directly into the workforce.



Agricultural Science Core

Modern Agriculture is very diverse with a wide variety of employment opportunities. Agriculture Core is designed to meet all state mandated learning essentials in the areas of physical science while integrating chemistry and physical science using agricultural concepts as themes. These courses provide a foundation to those students interested in pursuing a career in agriculture the opportunity to place an emphasis on agriculture within their academic required courses.

Aside from excellent education opportunities available at Central High School West Campus there are many intra-curricular activities designed to expand leadership and organizational skills. You will want to be a part of the unique opportunities available to you, exclusively at West Campus.

Ag. Science I

This science based course introduces the student to the intriguing world of agriculture. Explore the science of animal and plant production and their contribution to man. Learn basic techniques in the production, handling, and marketing of animal and plant projects. This course will focus on student leadership development and basic construction technology skills. A hands-on approach to discovering the many career opportunities awaiting in the field of agriculture. Learn how to make money while earning a grade!

Ag. Leadership

Student will build and develop leadership skills through personal growth and team building activities. Students will be exposed to the workings of student government while developing public speaking and parliamentary procedure skills. These experiences will enable the student to become adults able to exact a positive change in their homes and communities. This is a great course for instilling confidence and public speaking skills.

Agricultural Biology

Agricultural Biology is a laboratory science course for the college bound student. This course emphasizes detailed knowledge of the central concepts, principles, and basic factual material of the following topics: cellular function, reproduction, genetics, animal and plant habitat, the environment, ecology, anatomy and physiology of animals and plants.

Agricultural Chemistry

This course, designed for the college bound agriculture student, teaches the principles and application of chemistry laboratory operations to the many areas of agriculture science. These applications include enology, soil science, rumen fermentation, water science, and many other chemistry applications and principles.

Ag Government/Economics

A required course for the graduating senior student. This course relates to the topics of government and economics to their related career pathway thus exposing the student to the practical setting.

Career Opportunities

- Equipment Operator
- General Farm Laborer
- Computer Programmer
- Warehouse Worker
- Clerical Worker
- Accountant
- Teacher
- Food Scientist
- Sales Person
- Biologist



Intra-curricular Activities

- Livestock Show Team
- Dairy Products Team
- Specialty Animal Judging
- Job Interview Team
- CO-OP Team
- Banking Team
- Agriscience Fair
- Best Informed Greenhand
- Ag Sales Team
- Farm Records Team
- Farm Business Management Team

Animal Science

E

There are many different employment opportunities available in all aspects of livestock management. Students Central High School West Campus are provided with the opportunity for both hands-on and classroom instruction. Our facilities include a 22.4 acre laboratory facility to help assist students in their career aspirations.

Aside from the excellent educational opportunities available at Central High School West Campus, there are many intra-curricular activities designed to expand leadership and organizational skills. You will want to be a part of the many unique opportunities available to you, exclusively at West Campus.

Agriculture Science I

This science based course introduces the student to the intriguing world of agriculture. Explore the science of animal and plant production and their contribution to man. Learn basic techniques in the production, handling, and marketing of animal and plant projects. This course will focus on student leadership development and basic construction technology skills. A hands-on approach to discovering the many career opportunities awaiting in the field of agriculture. Learn how to make money while earning a grade!

ROP Agriculture Biotechnology

Students will explore tissue culture, aquaculture, embryo transfer and hydroponics. Problem solving will be one of the many functions of this class through teams researching, designing and building projects for practical applications in the industry or for use at the home.

Equine Science

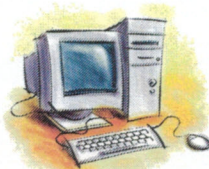
If you like horses or have horses, then equine science is the class for you! This fun and interesting class teaches you about the role of the horse and its impact on man and our society. The historical evolution of the species as well as anatomy and physiology, breed description and uses, nutritive needs of the horse, safe and common breeding practices, parasite control and other disease prevention and treatment techniques will be covered.

ROP Veterinary Science

This course is designed to provide 11-12 grade students with the opportunity to study anatomy and physiology as well as animal health and disease by forming a link between classroom instruction and experience. Students will also have the opportunity to investigate different aspects of the veterinarian and animal health care field through project-based learning.

Career Opportunities

Veterinarian
Nutritionist
Vet Technician
Farm Manager
Biologist
Veterinary Assistant
Feed Mill Operator
Field Representative



Inter-curricular Activities

Livestock Judging
Meats Judging
Farm Business Management Team
Specialty Animal Judging
Light Horse Judging
Job Interview Team
Dairy Products Team



Agricultural Science Academy

Modern Agriculture is very diverse with a wide variety of employment opportunities. Agriculture Science Academy is designed to meet all state mandated learning essentials in the areas of Biology and Chemistry while using agricultural concepts as themes. These courses provide a foundation to those students interested in pursuing a career in agriculture, the opportunity to place an emphasis on agriculture within their academic required courses.

Aside from excellent education opportunities available at Central High School West Campus there are many intra-curricular activities designed to expand leadership and organizational skills. You will want to be a part of the unique opportunities available to you, exclusively at West Campus.

Ag. Science I

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Agricultural Biology

Agricultural Biology is a laboratory science course for the college bound student. This course emphasizes detailed knowledge of the central concepts, principles, and basic factual material of the following topics: cellular function, reproduction, genetics, animal and plant habitat, the environment, ecology, anatomy and physiology of animals and plants.

Plant & Animal Anatomy & Physiology

The application of advanced scientific technology and knowledge is increasing at a rate second only to the need for well-trained and educated individuals in all areas of agriculture sciences. Discover how domesticated livestock and crops influence and impact our daily lives. Develops skills in production and cultivation of food and fiber crops. This course is intended to successfully prepare those students who plan on majoring in agricultural sciences or related fields of agricultural endeavor.

Agricultural Chemistry

This course, designed for the college bound agriculture student, teaches the principles and application of chemistry laboratory operations to the many areas of agriculture science. These applications include enology, soil science, rumen fermentation, water science, and many other chemistry applications and principles.

Food Science

This course teaches scientific principles and how those principles can be applied to improve the health of individuals and families. Instruction is given concerning the physical, microbiological, and chemical principles that affect the food we eat.

ROP Agriculture Biotechnology

Students will explore tissue culture, aquaculture, embryo transfer and hydroponics. Problem solving will be one of the many functions of this class through teams researching, designing and building projects for practical applications in the industry or for use at the home.

ROP Veterinary Science

This course is designed to provide 11-12 grade students with the opportunity to study anatomy and physiology as well as animal health and disease by forming a link between classroom instruction and experience. Students will also have the opportunity to investigate different aspects of the veterinarian and animal health care field through project-based learning.

Ag Government/Economics

A required course for the graduating senior student. This course relates the topics of government and economics to the students related career pathway thus exposing the student to the practical application of course content.

Career Opportunities

Veterinarian
Nutritionist
Bio-Chemist
Entomologist
USDA
Quality Control Agent
Land Surveyor
Teacher
Food Scientist
Botanist
US Forest Service
Biologist



Intra-curricular Activities

Livestock Show Team	Dairy Products Team
Specialty Animal Judging	Job Interview Team
CO-OP Team	Banking Team
Agri-Science Fair	Best Informed Greenhand
Ag Sales Team	Farm Records Team
Natural Resources Team	LAND Team
Meats Judging Team	Light Horse Judging Team
Prepared Public Speaking	Extemporaneous Speaking
Farm Business Management Team	



Ornamental Horticulture



Central High School West Campus is located in the heart of the San Joaquin Valley which is the richest and most diverse agricultural region in the nation. Our ornamental horticulture courses can provide you with the skills and knowledge to become a successful horticulturist. Our plant science facilities provide the opportunity for each student to learn through hands-on learning activities.

Aside from the excellent education opportunities available at Central High School West Campus, there are many intra-curricular activities designed to expand your leadership and organizational skills. You will want to be a part of the many unique opportunities available to you, exclusively at the West Campus.

Floral Design

A fun and creative course in flower arranging design. Students will learn the care and processing of floral crops as well as floral design principles, construction, history, and use of color in floral design. Students will learn to identify, classify, and properly care for plants that surround us in everyday life.

Floral Design 2

This class is similar to floral design. Students will learn how to construct more advance flower arrangements.

Landscape Design

For the outdoor type of student who likes to participate in hands-on landscape and horticulture activities. Students learn to identify, design and properly care for plants that surround us in our everyday life.

ROP Floral Design

For the student who has the desire to learn the advanced art of floral arranging. Students will create projects such as topiaries, boutonnieres, corsages, wreaths, wraps, vase arrangements, and much more throughout the year. Students will also receive introductory employability training in the floriculture career area. This course is also designed to add to the ornamental horticulture career pathway.

ROP Ornamental Horticulture

For the student who seeks employment in the horticulture, landscape design,, landscape maintenance, or nursery operations. Learn about the tools and equipment used in the installation and maintenance of landscapes.

Career Opportunities

Wholesale Florist/Broker
Floral Designer
Marketing/Sales Manager
Horticulturist
Greenhouse/Nursery Assistant
Crop Production Foreman
Interior Landscaping/Maintenance
Landscape Architect
Research Technician



Intra-curricular Activities

Floriculture Judging Team
Ornamental Horticulture Judging Team
Ag Pest Judging Team
Grapevine Pruning Team
Grapevine Judging Team
Job Interview Team
Vegetable Judging Team
Citrus Judging Team





FFA & ACTIVITIES

E

FFA is a dynamic youth organization within agricultural education that changes lives and prepares students for premier leadership, personal growth, and career success. FFA was created in 1928 to represent the growing diversity of agriculture. Today, approximately half a million student members are engaged in a wide range of agricultural education activities, leading to over 300 career opportunities in the food, fiber and natural resources industry. Student success remains the primary mission of FFA.

The following list of activities highlights the various opportunities available to students enrolled in the agriculture program.

FFA Activities and Fairs

Advanced Leadership Academy Conf.
Ag Booster & FFA Dinner Dance
CDE Contests & Field Days
Chapter Exchange
Chapter Officer Retreat
Chapter Officer Leadership Conference
Community Service
Donkey Basketball
FARMS Leadership
Fresno Fair
Fundraising Activities & Sales
Greenhand Conference
Greenhand & Chapter Degree Banquet
Made for Excellence Conference
National FFA Convention
National FFA Week
Proficiency Awards
Recreational Trips
Sacramento Leadership Experience
Scholarships
Sectional Activity Night
Sectional & Regional Meetings
Spring Banquet
State FFA Degree Ceremony
State FFA Leadership Conference

Field Days

Cal Poly SLO
CSU Fresno
Consumnes College
Great Western
Merced College
Modesto Junior College
Reedley College
UC Davis

Career Development Events

Ag Mechanics
Agriscience
Banking
Best Informed Greenhand
Cooperative Marketing
Creed Speaking
Dairy Cattle Evaluation
Dairy Products
Farm Records/Farm Management
Farm Power
Floriculture
Fruit Tree Judging
Fruit Tree Pruning
Grapevine Judging
Grapevine Pruning

Job Interview
Light Horse Evaluation
Livestock Evaluation
Marketing Plan
Meats Evaluation & Technology
Nursery/Landscape (OH)
Opening & Closing Ceremonies
Parliamentary Procedure

Public Speaking
Extemporaneous & Prepared
Scrapbook
Small Engines
Soils/Land
Specialty Animals
Vegetable Crops

Supervised Agriculture Experience

E

There are many opportunities for students within the agriculture program. One intra-curricular part of the student's grade is obtaining an approved Supervised Agriculture Experience Project. SAE accounts for ten percent of the concurrently enrolled coursework.

Central High School West Campus Agriculture Department operates a 22.4 acre farm which hosts a vast variety of student projects ranging from livestock projects to row crops. There is also a greenhouse facility on campus that can house many ornamental horticulture based projects. You are also allowed to raise certain projects at home as well. The instructors will make frequent visits to the projects to advise and direct the student toward successfulness. Record keeping and marketing skills are required. As it provides the opportunity for personal recognition, skills

Project Opportunities

This is only a partial list

Ag Mechanics

Aquaculture

Beef Cattle

Dairy Cattle

Display Gardens

Environmental Science

Equine

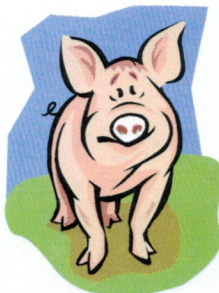
Feature Booth

Floriculture

Forestry

Goats (Dairy, Meat)

Hydroponics



Landscaping

Natural Resources

Ornamental Horticulture

Plants/Crops

Poultry

Rabbits

Sheep

Swine

Vegetable Gardens

Viticulture

Work Experience

Worm Beds

Fresno-Central FFA Website

<http://fresnocentral.weebly.com/>

F

Fresno-Central FFA

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The Fresno-Central FFA Chapter is a part of Central High School and is located in the heart of the San Joaquin Valley in Fresno, California. We strive to build up our members by making positive difference in the lives of our students by developing their potential for premier leadership, personal growth and career success through agricultural education.

Our advisors and staff are committed to providing as many opportunities as possible through the FFA. We challenge our students to grow and explore the many avenues that the agriculture industry offers by giving them hands on, real world experiences.

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2014-2015 FFA Calendar of Activities

Click [HERE](#) to download the 2014-15 FFA Calendar as a word document.

FFA Activities Calendar

July 2014

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
Monday		1	2	3	4 Independence Day	5
6	7 ROL-C-Sicon	8	9	10	11	12
13	14	15	16	17	18 WFM Sectional Mtg 11AM	19
20	21	22	23	24	25	26

Admin: Central West HS, Chapter: Fresno - Central West

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[Reports](#)
[Admin](#)
[Resources](#)
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Password List

Select a year and group. You may use the Excel export file to mail merge student instructions or print. Mail Merging in Word will allow you to create personalized instructions for your students with their studentID and password. Contact information is also exported. More Help...

Enter Roster Year: 2015

Group (Class): All Groups ▼

Click on ID to view recordbook. Click Here to Export to Excel.

Last Name	First Name	FFA No	Group	Student ID	Password Updated	Action
Acosta	Jade	0		1275656		view change password
Acosta	Nichole	600976678		1154610	central 5/22/2015	view change password
Adams	Destiney M	600007234		1072837	central 10/24/2013	view change password
Aguirre	Jordan	601275073		1213911		view change password
Alaniz	Anthony	600976681		1162321		view change password
Albarian	Maria	0		1259654		view change password
Albarian	Victor	601275075		1215787		view change password
Ally	Kaylynn	0		1265378		view change password
Almendarez	Carmen	0		1275664		view change password
Altamirano	Olga B.	600976687		1151326	central 12/11/2014	view change password
Alvarado	Diego	0		1262427		view change password
Alvarado	Joshua	0		1271857		view change password
Alvarado	Juan	600976689		1151850		view change password
Alvarez	Adam	0		1282631		view change password
Amone	Timothy	0		1259656		view change password
Anderson	Garrett	0		1285580		view change password
Aparicio	Alex	0		1282635		view change password
Aparicio	Alexa	600518614		1112992	central 10/24/2013	view change password
Aparicio	Christopher	0		1271791	central 11/18/2015	view change password
Aranda	Jerry	601275081		1215790		view change password
Arganda	Kristalina	0		1258080	central 11/18/2015	view change password
Arteaga	Luis	0		1283468		view change password
Avellaneda	Steven	0		1272123		view change password

Avellar Daniel	600975750	1152093		view change password
Badesha Ishan	0	1272991		view change password
Barrios Azure	0	1283217		view change password
Barajas Erick	0	1282667		view change password
Ramirez				
Barbin Jasmine	0	1264887	central 11/10/2015	view change password
Barcelos Tyresa	0	1265381		view change password
Barrera Octavio	601275483	1220622	central 2/4/2015	view change password
Barrera Jr Ted	0	1259658		view change password
Bates Grant	601275486	1216203	central 5/8/2015	view change password
Bautista Areli	0	1283224		view change password
Bautista Brooklynn	0	1258149	central 11/18/2015	view change password
Bautista Diego	0	1271217		view change password
Benerra Angel	601275489	1216501		view change password
Bejar Edgar	0	1271742		view change password
Bellach Grant	0	1258082		view change password
Benitez Jenessa	0	1278015		view change password
Bermudez Florimar	0	1262428		view change password
Bernabe Raquel	0	1283079		view change password
Blackmon Corbin	0	1259659		view change password
Bolstad Audrey	600518629	1144158	central 12/17/2013	view change password
Bolstad Isabella	600976213	1151492	central 12/15/2014	view change password
Borough William	0	1283350		view change password
Bosquez Joseph	600976216	1152105	central 11/18/2015	view change password
Boyd Katelynn	601155466	1202068	central 11/10/2015	view change password
Bradshaw Cody	600517220	1119687		view change password
Briseno Alejandra	600976220	1162151		view change password
Brous Tyson	601275501	1217475		view change password
Brown Allison	601275502	1219564	central 1/15/2015	view change password
Brown Kelby	0	1272128		view change password
Brown Sierra	601275503	1216447		view change password
Brum Preston	0	1271859		view change password
Brum Taylor	600517218	1140599	central 1/29/2014	view change password
Bucaroff William	0	1285795		view change password
Buchanan Tayler	0	1272334		view change password
Burgin Alisen	601275504	1213424	central 12/5/2014	view change password
Burnett Savannah	600517217	1117512	centralffa 12/4/2014	view change password
Bustamonte Felix	601275505	1215793		view change password
Cabral Abishai	600518631	1108510		view change password
Cabrera Elijah	0	1275668		view change password
Cadue Martin	0	1271814		view change password
Cagle Darian	0	1271817	central 11/18/2015	view change password

Cain	Neiamani	601275506	1215492	view change password
Cairns	Summer	600529762	1117604	view change password
Calderon	Matthew	0	1265385	view change password
Calloway	Tanner	600976225	1154619	view change password
Calvillo	Flor	0	1258150	view change password
Campanile	Sebastian	600517215	1144777	view change password
Campechano	Cristian	0	1285800	view change password
Carmona	Lizbeth	0	1265388	view change password
Carmona	Michael	0	1272337	view change password
Carrillo	Makaylah	600976230	1154521	central 11/18/2015 view change password
Carrillo	Seth	0	1272261	view change password
Carrillo	Seth	0	1271803	taylor30 11/18/2015 view change password
Smith				
Carter	Alyssa	601275548	1213132	central 11/16/2015 view change password
Carter	Amy	601275549	1216503	central 11/16/2015 view change password
Carter	Jayden	0	1258152	view change password
Casarez	Marissa	0	1262429	view change password
Casner	Brandon	0	1271159	view change password
Casner	Matthew	0	1273320	view change password
Castillo	Elizabeth	0	1271864	view change password
Pravo				
Castro	Arturo	0	1282681	view change password
Castro	Jesus	601275552	1213920	central 12/4/2014 view change password
Castro	Peter	0	1271821	view change password
Castro	Rebecca	0	1275684	view change password
Cataho	Brandon	0	1305373	view change password
Cela	Yamelet	0	1275693	view change password
Rodriguez				
Centell	Mariah	601275553	1213922	central 12/12/2014 view change password
Cerda	Angel	600522007	1119694	central 12/15/2014 view change password
Cervantes	Alexis	0	1283238	view change password
Chacon	Mario	0	1262460	view change password
Chavez	Mia	0	1283251	view change password
Chan	Nemoul	0	1282843	view change password
Chance	Christopher	0	1285601	view change password
Chavez	Savana	601275556	1213434	central 11/16/2015 view change password
Chhina	Muskan	0	1278018	view change password
Childers	Mitchell	600976183	1158434	central 12/12/2014 view change password
Chinchilla	Yajayra	601275558	1217534	central 12/12/2014 view change password
Cisneros	Desiree	601275559	1217537	central 11/18/2015 view change password

Clay	Matthew	600976186	1152169	central	12/2/2014	view change password
Cobbs	Kyle	601275561	1215794	central	5/8/2015	view change password
Coen	Colt	0	1271264			view change password
Cole	Kayla	601275562	1216525	central	11/16/2015	view change password
Coleman	Trek	0	1259612			view change password
Conistock	Robert	0	1282704			view change password
Contreras	Nadia	0	1278020			view change password
Cooper	Madison	601275566	1212983	central	12/4/2014	view change password
Cornell	Savannah	601275568	1213137	central	5/8/2015	view change password
Cortez	Manuel	0	1282716			view change password
Gostales	Dylan	601275569	1217538	central	11/18/2015	view change password
Cota	Jesstine	601275570	1213141	central	5/6/2015	view change password
Covarrubias	Elexus	601275571	1212988	central	11/18/2015	view change password
Cowin	Cassandra	0	1281002	central	11/18/2015	view change password
Criado	Gilbert	0	1283457			view change password
Crown	Chase	601275573	1218376	central	11/18/2015	view change password
Cruz	Mireyda	0	1259663			view change password
Cuevas	Juan	0	1262461	central	11/18/2015	view change password
Cunningham	Jessica	0	1280863	central	11/16/2015	view change password
Dalerio	Kaitlyn	601273645	1217481	central	11/18/2015	view change password
Dalerio	Kyle	600976198	1152111			view change password
Dauter	Emily	0	1271868			view change password
Davis	Kristopher	0	1283446			view change password
De Alba	Alejandra	0	1259614			view change password
De La Cerda	Alyssa	601273650	1213423	danielle2404	1/15/2015	view change password
De La Cerda	Hallie	601273652	1213935	central	5/12/2015	view change password
De Leon	Carlos	600522021	1139724			view change password
DeAnila	Joshua	0	1282723			view change password
Medina						
DeBenedetti	Elijah	600522018	1139735	central	5/6/2015	view change password
DeLeon	Jose	0	1271869			view change password
DeLeon	Manuel	600522022	1141575	central	12/5/2014	view change password
Delgado	Brian	601273653	1216213			view change password
Delgado	Brienna	0	1258155			view change password
Delsid	Royann	0	1271870			view change password
Deol	Sukhpreet	0	1272798			view change password
Desrosiers	Jimmy	0	1277997			view change password
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Diaz	Daniel La	601273655	1217544	central	11/3/2015	view change password
Diaz Santos	Gabino	0	1258157			view change password
Diel	Braden	0	1282728			view change password

Dixon	Anthony	601273659	1214153		view change password
Dorman	Jenna	0	1272353		view change password
Dorsey	William	0	1273004		view change password
Dunn	Faith	600976699	1155502	central 12/2/2014	view change password
Duran	David	0	1258086		view change password
Guzman					
DuVal	Eddie	600976700	1151496	central 5/21/2015	view change password
Eaton	Nolan	0	1259616		view change password
Echaniz	Michael	600976701	1162290		view change password
Ellas	Estanilado	0	1272806		view change password
Ellerbrock	Sven	601273662	1220540		view change password
Ellis	Jason	0	1271287		view change password
Alexander					
Engelman	Logan	553585495	1008497	central 1/29/2014	view change password
Engelman	Mackenzie	600515377	1119744	central 12/17/2013	view change password
Enos	Anthony	0	1259617		view change password
Enriquez	Placido	600976702	1162214		view change password
Escalera	Jose	600976703	1151497	central 12/11/2014	view change password
Espinoza	Julia	0	1265392		view change password
Espinoza	Primitivo	601273664	1215797		view change password
Estes	Carrigan	0	1271479	central 11/18/2015	view change password
Estrada	Elyssa	0	1278003		view change password
Estrada	Inez	600976707	1155136	central 12/5/2014	view change password
Etchinson	Kendall	0	1305377		view change password
Favela	Sintia	601273665	1215697		view change password
Fermanian	Kayla	0	1258088		view change password
Figueroa	Madysun	0	1258158		view change password
Finley	Aamiah	601273667	1212997	central 11/3/2015	view change password
Fisher	Caeden	601273669	1218476		view change password
Fleming	Alena	601273671	1217490	central 11/18/2015	view change password
Fleming	Samantha	0	1281004		view change password
Fletcher	Brandy	0	1273016		view change password
Florentino	Christian	0	1258165		view change password
Flores	Alejandro	601273673	1214154	central 11/18/2015	view change password
Florez	Samuel	0	1271825		view change password
Fonseca	Daniel	0	1273989	central 11/10/2015	view change password
Foster	Kobe	0	1283476		view change password
Foust	Brandon	0	1262433		view change password
Fowler	Savannah	600515374	1140656	central 12/5/2014	view change password
Franco	Christian	0	1258170		view change password
Franklin	Keilara	0	1278022		view change password
Freeman	Gallie	600515372	1108541	central 11/4/2013	view change password

Fullon	Cheyenne	0	1258090			view change password
Purse	Mikaela	600976724	1151565	central	1/15/2015	view change password
Saasch	Alisyn	600976725	1162170	central	1/29/2014	view change password
Sambez	Fernando	0	1287874			view change password
Sambez	Unique	0	1259618			view change password
Garber	Jacob	600976728	1154644			view change password
Haynes						
Garcia	Albert	600976729	1154640	central	1/15/2015	view change password
Garcia	Andrew	601274003	1220711			view change password
Garcia	Carlos	0	1283421			view change password
Garcia	Daniel	0	1264901	central	11/10/2015	view change password
Garcia	Francisco	0	1286968			view change password
Garcia	Gabriel E.	600007388	1155490			view change password
Garcia	Gabriela	601274006	1237256	central	12/1/2015	view change password
Garcia	Genaro	0	1271826			view change password
Garcia	Guadalupe	0	1259666			view change password
Garcia	Jose	0	1282739			view change password
Garcia	Jose Luis	0	1287743			view change password
Garcia	Juan F.	553260280	1162236			view change password
Garcia	Magali	0	1278023			view change password
Garcia	Marco	601274009	1215798			view change password
Garcia	Noah	0	1285815			view change password
Garcia	Steven	0	1259620			view change password
Garcia-Diaz	Oscar	0	1271330			view change password
Garcia	Joseph	601274013	1215800			view change password
Garcia	Luis	600975782	1154531	central	11/18/2015	view change password
Gall	Nicholas	0	1283417			view change password
Gillette	Braeden	0	1285613			view change password
Gil-Ventura	Rudy	0	1272811			view change password
Gomez	Jesse	600515312	1141003	central	12/11/2014	view change password
Gomez	Gabriel	0	1271828			view change password
Miranda						
Gonzales	Justin	601274015	1213169	central	11/16/2015	view change password
Gonzales	Richard	0	1285618			view change password
Gonzales	Ruben	0	1272827			view change password
Gonzales	Samuel	0	1285821			view change password
Gonzalez	Angel	0	1286866			view change password
Gonzalez	Bobby	0	1271829			view change password
Gonzalez	Chris	0	1285701			view change password
Gonzalez	Jose	601274018	1215703			view change password
Gonzalez	Juan	601274019	1215707			view change password
Gonzalez	Martin	600007407	1084052	central	10/24/2013	view change password
	Anthony					
Gonzalez	Robert	0	1271347			view change password

Gonzalez Roberto	600975788	1158516	view change password
Gonzalez Zackary	0	1272832	view change password
Gonzalez Ramon	601274020	1215805	central 11/18/2015 view change password
Lopez			
Goodwin Bradley	0	1258175	view change password
Granberg Cody	0	1259667	view change password
Granda Michael	601274022	1213938	view change password
Grayson Tyrell	0	1273026	view change password
Green Armonnie	0	1275712	view change password
Green Cha'sun	0	1283062	view change password
Greenwood Cameron	600975791	1218482	view change password
Griegs Emily	601274023	1214158	view change password
Gutierrez Jennifer	0	1259621	view change password
Gutierrez Nathaniel	0	1272841	view change password
Gutierrez David	600515326	1119721	central 5/8/2014 view change password
Gutierrez Ulises	0	1259622	view change password
Aguirre			
Guzman Iris	601274352	1215713	view change password
Guzman Madeline	601274353	1217502	central 11/20/2015 view change password
Hall Caleb	601274355	1214355	view change password
Hargrave Brandon	0	1272845	view change password
Harland Garrett	0	1281031	view change password
Harris Jamie	601274358	1217550	central 11/18/2015 view change password
Hartley Daniel	0	1273085	view change password
Hayes Alissa	0	1278001	view change password
Hayes Kristen	600515366	1143976	view change password
Heidary Soroush	600976239	1151572	central 11/18/2015 view change password
Aminabadi			
Henson Nickolas	601274360	1219477	central 11/18/2015 view change password
Her Chang	601274361	1233999	view change password
Her Kim	601274363	1215807	view change password
Hernandez Alec	601274365	1218496	view change password
Hernandez Allie	0	1262436	view change password
Hernandez Arianna	601274366	1217553	central 11/18/2015 view change password
Hernandez Devin	600976241	1162224	central 12/11/2014 view change password
Hernandez Emily	0	1271757	view change password
Hernandez Hailey	0	1271884	view change password
Hernandez James	0	1273092	view change password
Hernandez Melissa	0	1271759	view change password
Hernandez Elizabeth	0	1259671	view change password
Acellano			
Hernandez Isabella M.	600976243	1151501	central 12/19/2014 view change password
Imajero			
Herrera Guadalupe	0	1275723	view change password

Herrera	Jasmine	600976247	1151573	central	1/15/2015	view change password
Herrera	Jesus	0	1273161			view change password
Herrera	Joe	600976248	1151502			view change password
Herring	Jonathan	600976249	1152130			view change password
Hibner	Janay	601274370	1214161	central	11/10/2015	view change password
Hill	Addison	601274372	1213879			view change password
Hirschler	Maggie	0	1271506			view change password
Hodge	Leonaisha	601274375	1216554			view change password
Holland	Austin	600517236	1119558			view change password
Holm	Hannah	0	1265408			view change password
Holman	Ahlijah	0	1259623			view change password
Hopson	Grace	601274377	1217556	central	11/18/2015	view change password
Huerta	Anthony	601274379	1215809			view change password
Hulsey	Kersten	600976253	1162234	central	12/11/2014	view change password
Hunt	Bridgette	0	1258096			view change password
Hyatt	Zachery	0	1273168			view change password
Ibarra	Victoria	0	1305374			view change password
Ingram	Allyson	600976255	1151346	central	10/27/2014	view change password
Jackson	Cody	0	1273262			view change password
Jaramillo	Benjamin	601274385	1218500			view change password
Jepsen	Kimra	601274175	1216462			view change password
Jeronimo	Juan	0	1280855			view change password
Jimenez	Kaitlynn	600515338	1143929	central	11/12/2013	view change password
Jimenez	Luis	0	1259673			view change password
Jimenez	Madisyn	600515339	1143930	central	11/12/2013	view change password
Jimenez	Sophie	0	1278024			view change password
Jimenez-Garcia	Samuel	600515340	1119727			view change password
Johansen	Timothy	600976257	1155496	Central1	10/24/2014	view change password
Johnson	Ethan	0	1271366			view change password
Johnson	Jewel	0	1278027			view change password
Jones	Brianna	600976260	1152152	central	1/15/2015	view change password
Juarez	Jesse	601274177	1218394			view change password
Kaur	Inderjit	0	1275726			view change password
Kelton	Amber	0	1258097	central	11/18/2015	view change password
Kenel	Tyler	0	1285827			view change password
Kovacevich	Brenna	0	1258100			view change password
Labbee	Josh	601274180	1216120			view change password
Landreth	Breana	600517238	1139789	central	10/24/2013	view change password

Lansing	Trysten	0	1272850	view change password
Lara	Issac	0	1283412	view change password
LeBar	Anthony	600976269	1158479	view change password
LeBar	Courtney	600529729	1141493	courtney0414 10/29/2013 view change password
LeBeau	Brianne	553585640	1026514	central 10/24/2013 view change password
Ledezma	Jose	600976271	1153969	view change password
Lee	Deanthony	0	1272388	view change password
Leyva	Ciria	0	1282856	view change password
Liles	Zakery	601274183	1218399	view change password
Lingard	Joey	600976275	1162373	view change password
Lira	Gabrielle	601274185	1220577	central 1/22/2015 view change password
Liscano	Selena	0	1282904	view change password
Lopez	Athilano	0	1282750	view change password
Lopez	Bryan	0	1259674	view change password
Lopez	Cynthia	600976281	1151576	central 12/5/2014 view change password
Lopez	Daniel	0	1262439	view change password
Lopez	Jonathan	0	1271830	view change password
Lopez	Joshua Angel	601274190	1213005	view change password
Lopez	Jules	0	1271886	view change password
Lopez	Marcos	0	1273174	view change password
Lopez	Michael	0	1272191	view change password
Lopez	Michael	552727591	1220600	view change password
Lopez	Micheal	0	1285712	view change password
Lopez	Phillip	0	1265411	view change password
Lopez	Veronica	600976286	1154656	central 1/15/2015 view change password
Lopez	Bryan	0	1271375	view change password
Hernandez				
Lubbers	Justine	600515355	1144216	view change password
Lubbers	Solome	0	1271764	view change password
Lucero	Savannah	600517180	1140706	central 12/11/2014 view change password
Luna	Dezire	0	1282912	view change password
Luna	Trinity	0	1280948	central 11/18/2015 view change password
Lusk	Marcus	601274569	1213882	central 11/16/2015 view change password
Lyman	Lyndsie	601274570	1216564	view change password
Madera	Mikayla	0	1271765	view change password
Madero	Dominic	600517183	1139802	central 12/2/2014 view change password
Madrigal	Ruth	0	1271809	central 11/3/2015 view change password
Magallanes	Cassandra	601274573	1213007	central 11/18/2015 view change password
Magallon	Makayla	0	1282930	view change password
Major	Kyshawn	601274574	1216292	view change password
Maldonado	Kalani	0	1258102	view change password
Mann	Manroop	0	1272858	view change password

Manuszak	Robert	600975798	1158506			view change password
Mares	Sam	601274577	1218401			view change password
Marquez	Irene	600975800	1162253	mexicanobatmano	12/15/2014	view change password
Martin	Ariana	600975803	1154609	central	12/2/2014	view change password
Martin	Charles	0	1271384			view change password
Martin	Joshua	0	1259626			view change password
Martinez	Alexis	0	1262440			view change password
Martinez	Julieta	0	1287382			view change password
Martinez	Lorenzo	600517190	1144791	central	5/6/2015	view change password
Martinez	Matthew	0	1271887			view change password
Martinez	Samantha	0	1259627			view change password
Martinez	Xavier	601274581	1216497			view change password
Martinez	Raymundo	0	1285844			view change password
Pedraza						
Masterman	Wyatt	601274584	1220645			view change password
Mazloom	Arian	600529531	1141530			view change password
McCallough	Kieran	0	1272868			view change password
McCarty	Logan	0	1258104			view change password
McCoy	Abigail	0	1258107			view change password
McFall	Eddie	600975808	1158429	central	1/15/2015	view change password
McGee	Christopher	601274587	1216259			view change password
Mckay	Christian	600515348	1144838	pokemon	12/11/2014	view change password
McLucas	Destinee	0	1258109			view change password
Medina	Anthony	0	1273184			view change password
Medina	Isaac	0	1259592			view change password
Meek	Christopher	601274588	1216295			view change password
Meek	Katelyn	601274589	1210510	central	12/2/2014	view change password
Mejia	Javier	0	1283401			view change password
Mell	Melissa	601274592	1213885			view change password
Menchaca	Maria	601274593	1214164			view change password
Mendez	Jose	601274595	1216296			view change password
Mendez Jr.	Fernando	600007533	1162276			view change password
Mendez-Lopez	Areceli	0	1278028			view change password
Mendoza	Esteban	0	1287317			view change password
Mendrin	Phillip	0	1282755			view change password
Meza	Maxemilliano	0	1271390			view change password
Miguel Mejia	Christian	0	1285857			view change password
Miller	Brennan	0	1259593			view change password
Miller	Garrett	0	1258114			view change password
Miller	Victoria	601274597	1213014			view change password
Minor	Justin	600976298	1162333			view change password
Mitchell	Narijha	0	1265507			view change password
Mitchell	William	0	1272876			view change password
Mondragon	Omar	0	1273193			view change password
Montellano	Leopoldo	600517643	1108964	central	11/18/2015	view change password

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Montero	Katherine	0	1285864		view change password
Morales	Ariana	601274599	1214165		view change password
Morelos	Jorge	0	1271400		view change password
Serrano					
Morgan	Mark	601274601	1214168		view change password
Morris	Magnolia	600976309	1186453	central 12/4/2014	view change password
Sherrell					
Mosqueda	Mercedes	600517647	1144251	central 12/11/2014	view change password
Mosqueda	Moses	601274602	1220630	central 5/8/2015	view change password
Moua	Alpine	0	1265416		view change password
Muldrew	Tala	0	1283087		view change password
Muller	McKai	0	1282955		view change password
Mulligan	John	601274604	1217515	cabbage22 11/20/2015	view change password
Mulligan	Juliana	601274605	1213887	central 11/18/2015	view change password
Dafendis					
Munoz	Marcos	0	1262400		view change password
Maldonado					
Murray	Taylor	0	1259630		view change password
Muzio	Rylee	0	1259595		view change password
Muzio	Shannon	600007562	1072986	central 10/24/2013	view change password
Navarro	Peter	600976311	1152158		view change password
Navarro	Victoria	0	1259596		view change password
Navejar	Giselle	600976312	1154614	central 1/15/2015	view change password
Nelson	Chandler	601274608	1218403	central 11/18/2015	view change password
Newton	Joseph	0	1262404		view change password
Nichols	Scott	0	1262408		view change password
Norris	Leilani	0	1274492		view change password
Nounian	David	0	1271836		view change password
Novela	Brando	600976317	1162339		view change password
Num	Rharon	0	1258118		view change password
Oregueda	Hope	0	1265427		view change password
Ochoa	Harrison	601274610	1218406		view change password
Odermatt	Joshua	0	1280908		view change password
Ohler	Sara	600976319	1154674	central 1/15/2015	view change password
Olivera	Antonio	601274614	1218502		view change password
Olivera	Cory	600976320	1162345		view change password
Olivera	Rosario	601275085	1217387	central 11/18/2015	view change password
O'Neill	Nikolaus	600976321	1158393	central 12/8/2014	view change password
Orona	Christian	0	1271838		view change password
Orasco	Jalissa	0	1259633		view change password
Ortiz	Brianna	601275091	1234434		view change password
Ortiz	D'Juan	601275092	1213972	central 12/4/2014	view change password

Ortiz	Hannah	0	1259598			view change password
Ortiz	Justin	600517656	1144849			view change password
Osborn	Shyanne	600976324	1151735	JCash08	11/18/2015	view change password
Osborne-Eustaquio	Jacob	0	1278004			view change password
Ozuna	Jose	0	1271839			view change password
Padilla	Brian	0	1278007			view change password
Padilla	Savannah	0	1259635			view change password
Paez	Kealohiokalani	0	1265514			view change password
Palma	Jonathan	0	1285878			view change password
Palmer	Brian	601275096	1214182			view change password
Pankratz	Matthew	601275097	1216537			view change password
Parra	Matthew	601275100	1216543			view change password
Pasqual	Elena	0	1258132			view change password
Pena	Dominique	0	1283395			view change password
Perell	Monique	0	1258134			view change password
Perez	Benito	601275101	1218443			view change password
Perez	Isaiah	0	1285915			view change password
Perez	Xavier	0	1271840			view change password
Perez-Martinez	Alyssa	0	1278008			view change password
Perry	Taylor	601275106	1213977	central	5/8/2015	view change password
Perry	Tristen	600976335	1158400			view change password
Peterson	Brighton	600598957	1120823	central	12/4/2014	view change password
Murrin						
Phachanphon	Allen	0	1273210			view change password
Pichardo	Emely	0	1275748			view change password
Pimentel	Olivia	601275107	1220570	central	12/11/2014	view change password
Pimentel	Sean	600007588	1084426	central	10/24/2013	view change password
Pizarro	Precious	0	1275758			view change password
Ponte	Madison	600976341	1151508	central	12/4/2014	view change password
Powell	Daylon	0	1259599			view change password
Preciado	Renee	601275111	1214196	central	11/16/2015	view change password
Preis	Zachary	0	1259636			view change password
Prudhume	Anthony	0	1262444			view change password
Purnell	Blaize	0	1258138			view change password
Quiroz	Vanity	0	1283283			view change password
Ramer	Kamryn	0	1258146			view change password
Ramirez	Brianna	0	1305376			view change password
Ramirez	Carlos	0	1271650			view change password
Ramirez	Claudia	600976349	1162228	central	12/2/2014	view change password
Ramirez	Mabely	600976351	1162239	central	12/5/2014	view change password
Ramirez	Mathew	0	1285737			view change password
Ramos	Tyler	0	1285913			view change password

Ramsey	Sebastian	0	1259600		view change password
Rangel	Natalie	0	1282969		view change password
Cervantes					
Redwan	Jacob	0	1282981		view change password
Reifschneider	Jonathan	600976356	1152168		view change password
Reyes	Josiah	600975819	1155529		view change password
Reyes	Saliste	0	1275763		view change password
Reynolds	Jacob	0	1271431		view change password
Richardson	Richard	0	1272897		view change password
Richardson	Tatiana	600975822	1162347	central 1/20/2015	view change password
Riddle	Seth	600975823	1151928	central 1/15/2015	view change password
Rightmeier	Shannon	600518058	1140760	central 12/8/2014	view change password
Rivera	Eric	0	1271900		view change password
Rivera	Isabella	0	1262411		view change password
Rivera	Ruben	600975827	1158502		view change password
Robertson	Dasia	0	1283289		view change password
Robertson	Justin	0	1285893		view change password
Rocca	Rylee	601275512	1216477	central 11/10/2015	view change password
Rodarte	Angelina	0	1262412		view change password
Rodrigue	Michael	0	1262447		view change password
Rodriguez	Alicia	601275513	1217521	central 11/16/2015	view change password
Rodriguez	Erick	0	1278011		view change password
Rodriguez	Fernando	0	1271841		view change password
Rodriguez	Jacob	600518064	1142171		view change password
Rodriguez	Juan	600518067	1144795		view change password
Rodriguez	Juan	0	1259641		view change password
Rodriguez	Megan	600522076	1139837	central 12/4/2014	view change password
Rodriguez	Miguel	601275517	1213039		view change password
Rodriguez	Mikayla	0	1274504		view change password
Rodriguez	Prysilla	0	1283091		view change password
Roeine	Cameron	0	1272901		view change password
Romero	Isaias	600975834	1186481	central 1/15/2015	view change password
Rosas	Evangelene	0	1258139		view change password
Ross	Brevin	0	1271450		view change password
Ruacho	Jessica	601275519	1214200		view change password
Rubio	Christian	553585800	1029450	central 1/13/2014	view change password
Rubio	Samson	601275520	1216301	central 2/12/2015	view change password
Saavedra	Isaias	601275524	1216563		view change password
Saenz	Nicholas	0	1271845		view change password
Salazar	Jon	601275526	1216127		view change password
Salgado	Janessa	0	1265432		view change password
Salgado	Selia	601275527	1214390	central 11/16/2015	view change password
Salha	Mustafa	0	1274508		view change password
Salinas	Jeremy	600975844	1158387	central 11/18/2015	view change password
Martinez					

Sams	Aja-Malai	0	1262416			view change password
Sanches	Elysia	600522072	1140789	central	10/24/2013	view change password
Sanchez	Brett	0	1273216			view change password
Sanchez	Dawn	0	1280914	central	11/16/2015	view change password
Sanchez	Demetrius	0	1271781	central	11/10/2015	view change password
Sanchez	Viviano	0	1283094			view change password
Sandhu	Rajwinder	601275582	1218548			view change password
Sandoval	Jeremiah	0	1272948			view change password
Sanghera	Karanveer	0	1285738			view change password
Santoyo	Andria	601275583	1213055			view change password
Santoyo	Bryan	0	1285742			view change password
Saravia	Fabio	0	1258140			view change password
Sargsyan	Davit	601275584	1216304			view change password
Sargsyan	Hrachya	0	1272957			view change password
Satterlee	Nathaniel	601275585	1218514			view change password
Schick	Jacob	601275586	1216268			view change password
Schiefer	Michael	0	1281034			view change password
Scholfield	Abigail	0	1275767			view change password
Seago	Daniel	601275587	1216307	central	11/18/2015	view change password
Seago	Kylie	600522069	1139863	central	11/6/2014	view change password
Sealey	Jonnathan	600522068	1140798			view change password
Segura-Mendiola	Maria	0	1283014			view change password
Serrano	Jonai	600976389	1162320	central	1/15/2015	view change password
Serrano	Jose	0	1280933			view change password
Servin	Jolene	600976390	1155164	central	5/21/2015	view change password
Shahan	Breanna	0	1275770			view change password
Shawver	Abriana	0	1273222			view change password
Shepard	Jordan	0	1271846			view change password
Short	James	600976393	1155523	central	12/2/2014	view change password
Sierra	Oswaldo	600518498	1139847			view change password
Silva	Ryan	601275589	1218307	central	11/18/2015	view change password
Simpson	Jeffrey	600976395	1155520	Central1	10/24/2014	view change password
Sinco	Eliani	0	1281048			view change password
Singh	Gagandeep	600529699	1145056			view change password
Singh	Karanjit	601275591	1216309			view change password
Singh	Manveer	601275592	1216310			view change password
Sipes Rominger	Alyson	553585839	1030975	central	6/4/2014	view change password
Sipin	Nathan	600976398	1158398	central	1/15/2015	view change password
Sisana	Aidan	0	1259643			view change password
Siverling	Haylie	600007676	1073007	a17Hy43Xws8u	1/15/2012	view change password

Smith	Adrian	601275594	1214394	central 12/4/2014	view change password
Smith	Amaya	601275595	1215750	central 11/18/2015	view change password
Smith	Ashlyn	0	1275776		view change password
Smith	Christian	0	1262417		view change password
Smith	Jeremy	600976400	1151518	central 12/4/2014	view change password
Solis	Adam	601275598	1214216		view change password
Solis	Hunter	601275599	1216229		view change password
Solis	Yolanda	0	1259644		view change password
Soriano	Javier	0	1285747		view change password
Sorondo	Aliya	600518651	1144035		view change password
Sorondo	Darren	601275602	1218412		view change password
Sosa	Isaac	0	1271462		view change password
Soundara	Edward	600976402	1154533		view change password
Spitzer	Desirae	0	1259645		view change password
Stevens	Tori	600976403	1155510	central 11/6/2014	view change password
Stewart	Erika	600976404	1155512	central 12/5/2013	view change password
Stinson	Cooper	600976405	1162358	central 1/15/2015	view change password
Straub	Kenneth	0	1272922		view change password
Suarez	Fabian	0	1283372		view change password
Sutella	Francisco	0	1285749		view change password
Swank	Alyssa	0	1271770		view change password
Swengel	Madisyn	601273683	1213066		view change password
Sylvia	Christian	0	1285901		view change password
Talio	Jason	0	1283388		view change password
Talio	Ruta	0	1283024		view change password
Talamantez	Alexandra	0	1265435		view change password
Tanjoco	Joseph Marco	601273684	1213905		view change password
Tanner	Heather	0	1259646		view change password
Tanossian	Kirkor	0	1273236		view change password
Tate	Jordan	601273687	1216575	central 11/18/2015	view change password
Tavares	Jadyn	0	1271907		view change password
Thatch	Trevor	600976512	1162326	central 11/18/2015	view change password
Thiesen	Katelyn	0	1278029		view change password
Thomas	Jayla	600976513	1155168	central 1/15/2015	view change password
Thomas	Ashlyn	601273690	1214400	central 11/18/2015	view change password
Barton					
Thur	Sarah	0	1271683		view change password
Toledo	Nicholas	601273692	1213071	central 11/16/2015	view change password
Torrecillas	Miranda	0	1275788		view change password
Torres	Jordan	600976515	1162367		view change password
Torres	Savanna	600518658	1140812	central 11/6/2014	view change password
Toscano	Steven	0	1273254		view change password
Trevino	Nicholas	0	1271909		view change password

Triston	Philip	0	1273240			view change password
Trujillo	Jesstenie	600976517	1155524			view change password
Tumoine	Isaac	0	1271848			view change password
Turl	Blake	0	1285903			view change password
Turner	Ruth	0	1258142			view change password
Turney	Taylor	600976519	1155513	central	12/5/2014	view change password
Turrubiarres-Reyes	Carmen	600518660	1142160	central	5/8/2014	view change password
Twitchell	Colby	0	1285562			view change password
Unger	Jacob	601273699	1216239	central	11/3/2015	view change password
Urzua	Norberto	0	1283393			view change password
Valadovinos	George	0	1262454			view change password
Valdez	Alexa	0	1283103			view change password
Valdovinos	Katelynne	0	1259605			view change password
Valdovinos	Leonardo	600976521	1162331	central	11/18/2015	view change password
Valencia	Joshua	601273701	1214404	central	12/4/2014	view change password
Valenzuela	Lucas	0	1285905			view change password
Valenzuela	Rory	0	1259606			view change password
Valorosi	Vincent	600976524	1162338			view change password
Van Ness	Emily	0	1259650			view change password
VanBlarcom	Jordan	0	1285753			view change password
Vang	Douacci	0	1264905			view change password
Vang	Sever	0	1271693			view change password
Vang	Xai	0	1272307	central	11/3/2015	view change password
Vargas	Xitlalic	0	1278030			view change password
Vega	Brijida	600518671	1144277			view change password
Vega	Christian	0	1265437			view change password
Vega	Christopher	601274047	1216240			view change password
Vega	Gregory	601274048	1220657			view change password
Velasco	Lillian	0	1271910			view change password
Velasco	William	0	1262421			view change password
Ventura	Jennifer	0	1265516			view change password
Platon						
Ventura-Cortez	Anallely	0	1258144			view change password
Vera Valencia	Felipe	601274049	1218430			view change password
Vidrio	Elise	0	1259651			view change password
Vigil	Juan	0	1282835			view change password
Vilaysone	Nathan	600976536	1162342			view change password
Villarreal	Joseph	600518679	1117767	central	5/8/2014	view change password
Walker	Devaughn	601274051	1214408	central	11/16/2015	view change password
Walker	Hailey	600975850	1155515			view change password
Walker	Jacole	0	1265446			view change password
Walker	Joseph	601274052	1220618			view change password
Watts	Kade	0	1282837			view change password
West	Gary	0	1285754			view change password

West	Samantha	600975852	1151526	central	1/15/2015	view change password
West	Younger	601274057	1218435			view change password
Whisenhunt	Valerie	0	1265450			view change password
Whitaker	Mercedes	0	1283043			view change password
Whitfield	Jayden	0	1262422			view change password
Whitman	Passionae	0	1258145			view change password
Wilk	Lauren	0	1283051			view change password
Whitfey	Tristen	601274061	1213909			view change password
Witt	Maxx	0	1262424			view change password
Wynn	Meagan	601274063	1214273	central	11/16/2015	view change password
Xiong	Brian	0	1273249			view change password
Yang	Leonarsly	0	1272943			view change password
Yaralan	Samuel	600522053	1140853	central	5/6/2015	view change password
Yocum	Ian	601274066	1216192			view change password
Young	Rebecca	600522052	1140860	central	10/25/2013	view change password
Yount	Peyton	601274068	1214031	central	11/16/2015	view change password
Yribarren	Adam	0	1259607			view change password
Zabala	Izayah	600975866	1162388	helloagpeople	11/18/2015	view change password
Zambrano	Ashley	0	1259652			view change password
Zepeda	Jair	0	1271469			view change password
Zumaya	Brian	0	1271853			view change password
Zuniga	Savannah	0	1283301			view change password
Zurita	Victor	601274069	1216249			view change password

iRecordbook Version 1.2c . Site developed and maintained by the California FFA Association.

Page last modified: 11/22/2014

H

Fair Check Signature Sheet

Farm Clean up _____ (advisor signature)

Record book complete _____ (advisor signature)

Thank You letters _____ (advisor signature)

Project bills paid _____ (advisor signature)

Printed Student Name _____

Student Signature _____

Fair Check Signature Sheet

Farm Clean up _____ (advisor signature)

Record book complete _____ (advisor signature)

Thank You letters _____ (advisor signature)

Project bills paid _____ (advisor signature)

Printed Student Name _____

Student Signature _____



Agriculture Biology



Course Outline

Course Description

Agriculture Biology is a one-year, laboratory science course, designed for the college bound student with career interests in agriculture. Using agriculture as a learning vehicle, the course emphasizes the principles, central concepts and inter-relationships among the following topics: the molecular and cellular aspects of life, the chemical and structural basis of life, energetics of life, growth and reproduction in plant and animal genetics ecological relationships among plants, animals, humans and the environment, nutrition in animals, health and diseases in animals and the similarities between animals and humans. The course is centered on an extensive laboratory component in order to connect the big ideas of all life science with agricultural applications, earth and physical science principles and other curricular areas, including written and oral reporting skills.

Course Goals

1. Upon completion of this course students will be academically and technologically proficient, having a basic understanding of biology and experimental methods.
2. Utilize agricultural applications as a relevant vehicle to teach biological science principles and improve the scientific literacy of students.
3. Develop students' knowledge of biological science to a competent standard as determined by the California Content Standards and the California Standards Test.
4. Strengthen instruction in science for students pursuing professional level careers in agriculture.
5. Integrate mathematics standards, language arts standards and career employability standards including creative thinking, problem solving skills and technological literacy related to the agriculture industry.
6. Meet a portion of the laboratory science requirement for admissions to the University of California and California State University systems.
7. Develop a sense of interrelationships between life, earth and physical science and their relationship to agricultural applications.
8. Strengthen instruction in science for students pursuing professional level careers in agriculture.
9. Develop a sense of interrelationships between life, earth and physical science and their relationship to agricultural applications.

How to be Successful in Ag Biology:

Come Prepared- Have all necessary materials for a successful day- Pencil, Notebook, Positive Attitude

Live Responsibly- Complete assignments on time. Arrive to class on time. Take notes. Keep agenda current.

Act Safely- Stay in seat until bell rings. Keep hands/feet to yourself. Have ID at all times.

Work Together- Help each other during group assignments. Ask for help.

Show Respect- Speak only when it is your turn. Listen carefully

Course Format/ Assessment:

- Assignments (25%):
 - Class work
 - Homework
- Laboratory Writing (30%)
 - Lab Reports
 - Group Projects
- Tests and Quizzes (30%)
- SAE Project (10%) (10th-12th grades only)
 - 50 hours per semester in FFA record book
- FFA Participation (5%)
 - 2 Outside of Class Activities per semester

Suggested Materials

Each day when successful student enters the class, they will have or retrieve:

- Science notebook
- Biology textbook
- Charged Tablet
- Pencil, Pen, Highlighter

Failure to retrieve these items will result in a tardy.

Procedures

- Arrive to class on time
- Take a seat and begin working on daily warm up
- Follow instructions to actively participate in the day's lesson
- Raise your hand to share answers and ideas
- Stay seated
- Maintain an organized Notebook
- Keep all classroom materials clean, organized, and well stocked.
- Complete daily warm ups/exits
- Teacher Approves state of classroom before class and before you are dismissed

Homework

- Late homework will receive an automatic 50% reduction in the grade.
- It is the **STUDENT'S RESPONSIBILITY** to determine what assignments were missed during his/her absence. The student may see the teacher before or after school or during break for their homework assignments. Students **should not** ask during class time for their missed assignments.

Warm Up/ Exit Slips

- Each day, students will have a log where they can enter that day's warm up question. These are to be kept in a designated area in their notebooks.
- Students will be graded each day on their timeliness in entering the classroom and immediately working on their warm up for the day.

Absences and Tardies

Absences

- Check with classmate to copy daily warm up and wrap up
- Get notes and assignment from teacher before or after class (check google classroom)
- The number of days you are absent determines the number of days you have to make-up the missing work.
- If you are going to be absent, please get your work ahead of time.

Tardies

- Stop at front table and pick up tardy binder
- See step wise instructions in binder and follow to complete contract
- Call parent
- If for any reason your **entire body** is not in your seat, ready to work, you will be marked tardy.

Lab Clean-Up Policy

- Each student is responsible for cleaning-up his/her work station before leaving class. Students will not be excused to leave class until all areas are clean.

Food & Drinks

- Food is not permitted in class; throw it away before you come into class.
- Drinks with caps or lids are permitted

Restroom Policy

- Ask Permission from teacher (not during lecture)
- Exchange 1 ticket for trip to restroom
- Fill out bathroom pass sheet
- No trips allowed during first or last 15 min of class time

Rules

Follow all School Wide Rules

- Dress Code
 - Consequence- Sent to office to change, referral from VP
- Attend Class Regularly, and be on time
 - Consequence- Tardies one and two call home, three thru five conference with VP and detention, sixth tardy dean eject process.
- Respect and care for the Campus and School Property
 - Consequence- Referral
- Respect other students and your teachers
 - Consequence- Warning, Behavior Steps, Refocus time, Teacher Conference, Referrals.
 - No cell phones in class
 - Warning, then confiscation of phone parents must pick up from VP.
 - No iPods or MP3 players on campus
 - Warning, Confiscation of item parents must pick up from VP.

Follow Rules Specific to our Classroom

- Follow Bathroom Policy
 - Consequence- 1st offense warning, 2nd offense behavior step, 3rd offense behavior step and loss of bathroom privileges.
- Writing on tables
 - Consequence- 1st offense behavior step and lunch detention re painting tables. 2nd offense behavior step, referral, and lunch detention with re painting and cleaning.
- Damaging classroom items, walls, or supplies
 - Consequence- 1st offense behavior step, fix item or pay to replace it. 2nd offense behavior step, referral, fix item, pay for item, lunch detention and cleaning duty.
- Classroom Disruption and Defiance
 - Consequence- 1st offense warning, 2nd offense teacher conference after class and possible behavior step. 3rd offense behavior step, teacher conference, call parent, possible referral or detention. Automatic referral on any offense depending on nature of disruption or defiance.

Follow Classroom Logistical Procedures

- Walk into the classroom quietly and begin daily routine.
- Sit in assigned seat.
- Be on time- In your assigned seat working on daily warm up with agenda out and open to current date.
- Bring all required items to class.
- Raise your hand and wait to be called on to speak.
- Talking is not acceptable during lessons.
- Use positive language and maintain a positive attitude.
- No food or Gum in the Classroom (Bottled Beverages approved for classroom consumption: Water, Gatorade, Vitamin Water, Juice or like drinks) No soda, No energy drinks, No open cups or cans.
- Do not write on, scratch, or deface ANYTHING in this classroom.
- Clean up after yourself.

Adhere to Bettencourt's Policies

- Have all required class materials out each day or you will lose participation points, and may be given detention or a step.
- Notebooks will be checked and scored for part of the student's grade; without a notebook you **will not** pass the class.
- Classroom disruption will not be tolerated and is punishable by detention, steps, lunch beautification, calls home, or refocus activities.
- Defacing classroom items may require student to stay after school to fix affected items, or payment for items damaged.
- Homework and assignment will be posted daily, and student agendas will be checked by teacher.

- Late work will only be accepted during the current unit of instruction in which that late work coincides.
- Restroom use is a privilege, and students must exchange one ticket for each trip to the restroom. No restroom use is permitted the first or last 15 minutes of class.
- Incentive Tickets will be awarded as the teacher deems fit. These tickets are to be maintained by the student and used for prizes, privileges, or points toward their grade.
- Cell phones visible during class will be confiscated.
- I Pods are not allowed at school and are not to be seen and no headphones are to be in ears or on your neck etc.

Consequences for Not following Rules:

These may vary depending upon infraction, see student parent handbook for greater detail.

- | | |
|-----------------------------|--------------------------|
| 1. Warning | 5. Lunch Detention |
| 2. Call Home | 6. Saturday School |
| 3. Behavioral or Tardy Step | 7. Responsibility Center |
| 4. Lunchtime Beautification | 8. Removal from Class |

Student Success

It is my hope that each student will be successful in Agriculture Biology. To be successful, students must read handouts, do their homework, pay attention in class, be actively involved and always prepared for class and prepare properly for quizzes and exams. I maintain a high expectation for each student and I do my best to help out each student in attaining success. If students need extra help, they can make appointments to meet with me before and after school. Please call me if you have any questions at 276-5276 ext. 51241. I can also be reached by email at jbettencourt@centralusd.k12.ca.us



Fresno Central-West School Agriculture Department

Agriculture Biology

Mrs. Bettencourt



I have read the **syllabus and classroom** expectations provided and understand what is expected of me in this course.

Student Name

Date



Student Signature

I have read the **syllabus and classroom** expectations provided to my student and understand what is expected of him or her in this course.

Parent/Guardian Name

Date

Parent/Guardian Signature



Ag Science 1

Course Outline



Course Description

Agriculture Science 1 is a one-year, laboratory science course, designed for the college bound student with career interests in agriculture. Using agriculture as a learning vehicle, the course emphasizes the principles, central concepts and inter-relationships among the following topics: the domestication of animals, plant and animal systems, the role of agriculture in the California economy, agriculture and the environment, effects of technology on agriculture, basic cell structure and function of plants and animals, basic animal genetics, animal health and nutrition, animal feeding, and soil science principles. The course is centered on an extensive laboratory component in order to connect the big ideas of all life science with agricultural applications, earth and physical science principles and other curricular areas, including written and oral reporting skills.

Course Goals

1. Upon completion of this course students will be academically and technologically proficient, having a basic understanding of agriculture and experimental methods.
2. Strengthen instruction in science for students pursuing professional level careers in agriculture.
3. Integrate mathematics standards, language arts standards and career employability standards including creative thinking, problem solving skills and technological literacy related to the agriculture industry.
4. Meet a portion of the laboratory science requirement for admissions to the University of California and California State University systems.
5. Develop a sense of interrelationships between life, earth and physical science and their relationship to agricultural applications.
6. Strengthen instruction in science for students pursuing professional level careers in agriculture.
7. Develop a sense of interrelationships between life, earth and physical science and their relationship to agricultural applications.

How to be Successful in Ag Science 1:

Come Prepared- Have all necessary materials for a successful day- Pencil, Notebook, Positive Attitude
Live Responsibly- Complete assignments on time. Arrive to class on time. Take notes. Keep agenda current.
Act Safely- Stay in seat until bell rings. Keep hands/feet to yourself. Have ID at all times.
Work Together- Help each other during group assignments. Ask for help.
Show Respect- Speak only when it is your turn. Listen carefully

Course Format/ Assessment:

- Assignments (30%):
 - Class work
 - Homework
- Laboratory Writing (35%)
 - Lab Reports
 - Group Projects
- Tests and Quizzes (30%)
- FFA Participation (5%)
 - 2 Outside of Class Activities per semester



Suggested Materials:

Each day when successful student enters the class, they will have or retrieve:

- Ag Science notebook (composition style)
- Charged Tablet
- Pencil, Pen, Highlighter

Failure to retrieve these items will result in a tardy.



Procedures

- Arrive to class on time
- Take a seat and begin working on daily warm up
- Follow instructions to actively participate in the day's lesson
- Raise your hand to share answers and ideas
- Stay seated
- Maintain an organized notebook
- Keep all classroom materials clean, organized, and well stocked.
- Complete daily warm ups/exits
- Teacher Approves state of classroom before class and before you are dismissed

Homework

- Late homework will receive an automatic 50% reduction in the grade.
- It is the **STUDENT'S RESPONSIBILITY** to determine what assignments were missed during his/her absence. The student may see the teacher before or after school or during break for their homework assignments. Students **should not** ask during class time for their missed assignments.

Warm Up/ Exit Slips

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Absences and Tardies

Absences

- Check with classmate to copy daily warm up and exit question
- Get notes and assignment from teacher before or after class (check google classroom)
- The number of days you are absent determines the number of days you have to make-up the missing work.
- If you are going to be absent, please get your work ahead of time.

Tardies

- Tardies will be handled electronically. Lunch beautification will be assigned for chronic tardies.
- If for any reason your **entire body** is not in your seat, ready to work, you will be marked tardy.

Lab Clean-Up Policy

- Each student is responsible for cleaning-up his/her work station before leaving class. Students will not be excused to leave class until all areas are clean.

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- Talking is not acceptable during lessons.
- Use positive language and maintain a positive attitude.
- No food or Gum in the Classroom (Bottled Beverages approved for classroom consumption: Water, Gatorade, Vitamin Water, Juice or like drinks) No soda, No energy drinks, No open cups or cans.
- Do not write on, scratch, or deface ANYTHING in this classroom.
- Clean up after yourself.

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- Have all required class materials out each day or you will lose participation points, and may be given detention or a step.
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Fresno Central-West School Agriculture Department

Agriculture Science 1

Mrs. Bettencourt



I have read the **syllabus and classroom expectations** provided and understand what is expected of me in this course.

Student Name

Date

Student Signature



I have read the **syllabus and classroom expectations** provided to my student and understand what is expected of him or her in this course.

Parent/Guardian Name

Date

Parent/Guardian Signature



Food Science



Prerequisites: Previously take or concurrent enrolment in Ag Chemistry and Algebra II

Introduction: The time spent in high school is very brief when compared to your entire life span. During this short period, you should make every minute of the time count for something meaningful and worth while. I hope you have entered the Agriculture Department determined to learn, with the expectation of becoming a community asset. My goal as your teacher is to make your learning experience positive and help you to develop as a whole so you can be successful in every day life. Through hard work and critical thinking and self discovery you will grow academically and personally in this course. Always remember it is a privilege, not a right, to enroll in agriculture education, your enrollment may be revoked if you choose to act in any way that disrupts the teaching/learning process. Good luck to you on your new adventure. I am confident we will have a wonderful year!

Course Description: Food Science is a laboratory science course designed for the college-bound student. The course emphasizes detailed knowledge of the science of food and food processing with an emphasis on food Chemistry and Microbiology. Topics include Food Chemistry, composition, quality, and nutrition, as well as Food Quality, safety, research and development, sensory evaluation, packaging and labeling.

Textbook: Principles of Food Science
- Students will check out book and leave in classroom

HOW TO BE SUCCESSFUL IN FOOD SCIENCE:

Come Prepared- Have all necessary materials for a successful day- Pencil, Notebook, Positive Attitude
Live Responsibly- Complete assignments on time. Arrive to class on time. Take notes. Keep agenda current.
Act Safely- Stay in seat until bell rings. Keep hands/feet to yourself. Have ID at all times.
Work Together- Help each other during group assignments. Ask for help.
Show Respect- Speak only when it is your turn. Listen carefully

Materials: (Successful Students will have following)

- Composition notebook 100 page recommended college ruled
- Pencil/Pen/Highlighter
- Glue Stick
- Charged Tablet

COURSE OBJECTIVES

- Define the term food science and describe the main goal of food scientists.
- Explain the interrelationship of food science and nutrition.
- Explain classroom and laboratory procedures.
- Students will explain how food provides and produces energy.
- Explain how the body uses energy and calories.
- Define the term sensory evaluation
- Students will discuss the principles of food microbiology.
- Discuss food safety and microbe control
- Explain the food dehydration process.
- Discuss the food canning process.
- Discuss the food freezing process.
- Discuss the food irradiation process.
- Discuss the USDA packaging guidelines.
- Students will discuss the basis of food chemistry.

- Discuss elements, compounds, mixtures, and formulas.
- Explain the scientific table of elements.
- Compare and contrast elements and compounds.
- Identify chemical symbols, formulas, and equations
- Explain how chemical symbols, formulas, and equations are used in food science
- Explain the chemical and physical changes in food
- Explain solutions, colloids, sols, gels, foams, and emulsions.
- Explain the three parts of an emulsion and their relationship to each other
- Identify various food emulsions and tell the types of each emulsion
- Discuss the functions of enzymes.
- Discuss fermentation and food.
- Discuss leavening agents and baked goods.
- Discuss the purpose of additives.
- Students will discuss the basics of nutrition as related to food.
- Discuss molecular structures.
- Students will discuss the basic nutrients and their specific properties as related to food science.
- Identify nutrients and recommended daily allowances.
- Identify the properties of carbohydrates.
- Identify the properties of fats and lipids.
- Identify the properties of vitamins and minerals.
- Explain the properties of water.
- Students will apply basic food science principles.
- Discuss the role of acids and bases.
- Explain the coagulation and coalescence processes associated with milk protein and cheese.
- Explain the general composition and factors affecting meat and meat products

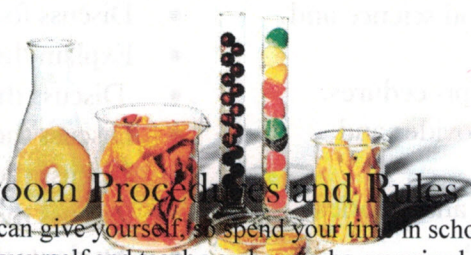
Grading Policy

- **25% Class Work, Homework**
- **35% Laboratory Notebook**
 - Completing Daily Warm Ups
 - Having Agenda Planner and using it to record assignments
 - Participation in Lab Activities, Demonstrations, and LAB CLEANING!
- **10% Supervised Ag Experience**
 - 50 Hours of Supervised Ag Experience Participation per semester in FFA record book.
- **5% FFA**
 - 2 Activities outside of class time per semester
- **25% Tests and Quizzes**
 - Given at the end of each unit

****** NOTE:** During scheduled lab activities students **MUST** wear long pants, and closed toe and heel shoes. Students with long hair will be required to tie hair back. Students with artificial fingernails will be required to wear gloves at all times. No jewelry will be allowed during food prep labs.

Make up Work

- The student is responsible for obtaining make-up work on the day he/she returns to school.
- The student may have to get make up work before or after class.
- The student must turn in late work during the current unit of study only.
- Unless prior clearance, unexcused absences cannot be made up
- Some labs can not be made up, and others will have to be made up during lunchtime.
- Full or Partial credit may be assigned for late work based on an agreement between the student and teacher.



Classroom Procedures and Rules

Your education is the most valuable gift you can give yourself, so spend your time in school wisely. As your teacher I will hold you to a high standard in order to push you to better yourself and teach you how to be organized and responsible.

Let's Create a Positive Learning Environment By Following:

Agreements

You have the right to learn
The teacher has the right to teach
Respect Others
Listen and follow directions

We will practice and demonstrate the Grizzly 5 in class:

Come Prepared
Live Responsibly
Act Safely
Work Together
Show Respect

Policies

Absences

- Check with classmate to copy daily warm up and wrap up
- Get notes and assignment from google classroom

Bathroom Use

- Ask Permission from teacher
- Exchange 1 ticket for trip to restroom
- Must fill out bathroom pass log
- No trips allowed during first or last 15 min of class time

Procedures

Arrive to class on time
Take a seat and begin working on daily warm up
Follow instructions to actively participate in the days lesson
Raise your hand to share answers and ideas
Stay seated

Tardies

- All tardies will be recorded electronically and lunch beautification will be assigned for chronic tardies.

Food & Drinks

- Food is not permitted in class, throw it away before you come into class.
- Drinks with caps or lids are permitted

Maintain an organized Notebook

Keep all classroom materials clean, organized, and well stocked.

Complete daily warm ups

Teacher Approves state of classroom before class and before you are dismissed

Rules

Follow all School Wide Rules

- Dress Code
 - Consequence- Sent to office to change, referral from VP
- Attend Class Regularly, and be on time
 - Consequence- Tardies one and two call home, three thru five conference with VP and detention, sixth tardy dean eject process.
- Respect and care for the Campus and School Property
 - Consequence- Referral
- Respect other students and your teachers
 - Consequence- Warning, Behavior Steps, Refocus time, Teacher Conference, Referrals.
 - No cell phones in class
 - Warning, then confiscation of phone parents must pick up from VP.
 - No iPods or MP3 players on campus
 - Warning, Confiscation of item parents must pick up from VP.

Follow Rules Specific to our Classroom

- Follow Bathroom Policy



- Consequence- 1st offense warning, 2nd offense behavior step, 3rd offense behavior step and loss of bathroom privileges.
- Writing on tables
 - Consequence- 1st offense behavior step and lunch detention re painting tables. 2nd offense behavior step, referral, and lunch detention with re painting and cleaning.
- Damaging classroom items, walls, or supplies
 - Consequence- 1st offense behavior step, fix item or pay to replace it. 2nd offense behavior step, referral, fix item, pay for item, lunch detention and cleaning duty.
- Classroom Disruption and Defiance
 - Consequence- 1st offense warning, 2nd offense teacher conference after class and possible behavior step. 3rd offense behavior step, teacher conference, call parent, possible referral or detention. Automatic referral on any offense depending on nature of disruption or defiance.

Follow Classroom Logistical Procedures

- Walk into the classroom quietly and begin daily routine.
- Sit in assigned seat.
- Be on time- In your assigned seat working on daily warm up with agenda out and open to current date.
- Bring all required items to class.
- Raise your hand and wait to be called on to speak.
- Talking is not acceptable during lessons.
- Use positive language and maintain a positive attitude.
- No food or Gum in the Classroom (Bottled Beverages approved for classroom consumption: Water, Gatorade, Vitamin Water, Juice or like drinks) No soda, No energy drinks, No open cups or cans.
- Do not write on, scratch, or deface ANYTHING in this classroom. You will be required to pay/replace it
- Clean up after yourself.

Adhere to Bettencourt's Policies

- Have all required class materials out each day or you will lose participation points, and may be given detention or a step.
- Notebooks will be checked and scored for part of the student's grade; without a notebook you **will not** pass the class.
- Classroom disruption will not be tolerated and is punishable by detention, steps, lunch beautification, calls home, or refocus activities.
- Homework and assignment will be posted daily.
- Late work will only be accepted during the current unit of instruction in which that late work coincides.
- Incentive Tickets will be awarded as the teacher deems fit. These tickets are to be maintained by the student and used for prizes, privileges, or points toward their grade.
- Cell phones visible during class will be confiscated.
- I Pods are not allowed at school and are not to be seen and no headphones are to be in ears or on your neck etc.

Consequences for Not following Rules:

These may vary depending upon infraction, see student parent handbook for greater detail.

- | | |
|-----------------------------|--------------------------|
| 1. Warning | 5. Lunch Detention |
| 2. Call Home | 6. Saturday School |
| 3. Behavioral or Tardy Step | 7. Responsibility Center |
| 4. Lunchtime Beautification | 8. Removal from Class |

Student Success

It is my hope that each student will be successful in Food Science. To be successful, students must read handouts, do their homework, pay attention in class, be actively involved and always prepared for class and prepare properly for quizzes and exams. I maintain a high expectation for each student and I do my best to help out each student in attaining success. If students need extra help, they can make appointments to meet with me before and after school. Please call me if you have any questions at 276-5276 ext. 51241. I can also be reached by email at jbettencourt@centralusd.k12.ca.us

Fresno- Central Agriculture Department

FOOD SCIENCE



I have read, understand and will abide by the rules, expectations and grading policy as shown on Mrs. Bettencourt's class syllabus for Food Science.

Student name printed neatly

Student signature

Date

Parent name printed neatly

Parent signature

Date

*** This is the student's first homework assignment. Proper signatures are required for full credit. The assignment is worth 10 points. ***

J

UC Doorways Online Update Template

(Required Information needed to prepare for course submission)

- **School Information**

NOTE: The School Information must be updated / verified as accurate at the start of each submission cycle. This must be completed before the system will allow any course submissions.

School Information

School Name: _____

High School District: _____

City: _____

School Course List Contact Information

First Name: _____

Last Name: _____

Position/Title: _____

Phone Number: _____ Ext.: _____

E-mail: _____

Teacher Contact Information

First Name: _____

Last Name: _____

Position/Title: _____

Phone Number: _____ Ext.: _____

E-mail: _____

- **Previously Approved Courses**

NOTE: Complete outlines are not needed for courses previously approved by UC. Courses that are defined as "previously approved" are courses from programs (Advanced Placement, International Baccalaureate, ROP courses, etc.), courses from within the same district, courses that have been removed within a three-year window and are being reinstated, and courses from UC-approved online providers. Courses modeled after courses from outside the school district are also defined as "previously approved" but a complete course description will be required for submission. Each section below represents an individual page on the electronic submission site.

Was this course "Previously Approved" by UC? _____ Yes _____ No

If "No", proceed to the **Course Description** section.

If "Yes," please indicate which category applies:

Has this course been provided program status, is not an online course, and is it listed below?

_____ Yes _____ No

If "Yes," select an option from the Program Status list:

_____ AVID Program

- ☐ Advanced Placement (AP)
☐ Advanced Placement (AP)
☐ California Partnership Academies (CPA)
☐ CDE Agricultural Education
☐ Center for Advanced Research and Technology (CART)
☐ CSU Early Assessment Program (EAP)
☐ International Baccalaureate (IB) Program
☐ National Academy Foundation (NAF)
☐ Project Lead the Way
☐ ROP/C Organization _____ Name of ROP/C: _____
☐ University of California Curriculum Integration (UCCI) Institute

If "Advanced Placement", has it been authorized by the College Board through the AP Audit Process?

☐ Yes ☐ In Progress

NOTE: UC will only allow Advanced Placement courses that have passed or are in the AP Audit process. UC requires all AP courses on your list, including those approved in prior years, to be verified via the College Board AP Audit process. UC will run quarterly reports based on AP Audit data. AP courses not listed on the AP Audit list will be removed.

If "In Progress," date submitted to AP: _____ (MM/DD/YY)

Exact Program Course Title: _____

Is this course provided by a UC-approved online course publisher listed below?

☐ Yes ☐ No

If "Yes", select an option from the Online Provider list:

- ☐ Academic Advantage Online
☐ Accelerate Education/Accelerate Online Academy
☐ Advanced Academics
☐ Apex Learning/Apex Learning Virtual School
☐ Alpha Omega Academy
☐ Aventa Learning
☐ Class.com
☐ CompassLearning/Odyssey
☐ Connections Academy
☐ Edgenuity, Inc. (formerly Education2020)
☐ Edmentum, Inc. (formerly PLATO Learning)
☐ FlipSwitch
☐ Florida Virtual School (FVS)
☐ Jesuit Virtual Learning Academy
☐ K12, Inc.
☐ Middlebury Interactive Languages

- ☐ National University System
- ☐ OdysseyWare, Inc.
- ☐ Pamoja Education Unlimited
- ☐ Pearson Education (GradPoint)
- ☐ Scout from University of California
- ☐ Thesys International
- ☐ VHS, Inc. Virtual High School Global Consortium

Exact Course Title: _____

Is this course modeled after an identical course approved for the current year at another school in the same comprehensive school district?

☐ Yes ☐ No

If "Yes," which school? _____

Exact Course Title: _____

Is this course being reinstated after removal within 3 years?

☐ Yes ☐ No

If "Yes," what year was the course removed from the list? _____

Exact Course Title: _____

Is this course modeled after a UC-approved course from another school outside your district?

☐ Yes ☐ No

NOTE: If "Yes," you will be required to submit a complete course description. UC will review the previous submission, if available, to assist in our review process.

If "Yes," which school and ATP code? _____

Exact Course Title: _____

• **Course Description**

Course Title: _____

NOTE: Courses that are "previously approved" must use the same exact course title as the previously approved course.

Transcript Title(s)/Abbreviation(s): _____

Course Code(s): _____

Seeking "Honors" Distinction

NOTE: To receive "honors" distinction, the course submission must satisfy certain requirements. For information about these requirements, please visit the a-g Guide: <http://www.ucop.edu/aguide/a-g-requirements/honors/index.html>. For "previously approved" courses (including AP and IB), the honors information will be pre-populated as applicable.

- ☐ No
- ☐ Yes, AP
- ☐ Yes, IB (Higher Level)
- ☐ Yes, IB (Standard Level)
- ☐ Yes, Other Honors

NOTE: Defined as a course specifically designed by the school with distinctive features which sets it apart from regular high school courses in the same discipline areas. Course should be seen as comparable in terms of workload and emphasis to AP, IB, or introductory college courses in the subject. Honors courses must be designed for the 11th and 12th grade level and require a comprehensive, year-long, written final exam. In addition to AP and IB higher level courses, high schools may certify as honors level courses *not more than one unit in each of the following subject areas only*: history, English, advanced mathematics, each laboratory science, each language other than English, and each of the four VPA disciplines. If there are no AP or IB higher level courses in a given subject area, the high school may certify up to, but not more than, two units at the honors level in that area.

Subject Area and Category

☐ "a" – History / Social Science

- ☐ U.S. History
- ☐ American Government / Civics
- ☐ World History / Geography / Cultures

☐ "b" – English

- ☐ English
- ☐ English-ESL/ELD

☐ "c" – Mathematics

- ☐ Algebra 1; Yr 1 of 2
- ☐ Algebra 1; Yr 2 of 2
- ☐ Algebra 1
- ☐ Integrated Math 1
- ☐ Geometry; Yr 1 of 2
- ☐ Geometry; Yr 2 of 2
- ☐ Geometry
- ☐ Integrated Math 2
- ☐ Algebra 2; Yr 1 of 2
- ☐ Algebra 2; Yr 2 of 2
- ☐ Algebra 2
- ☐ Integrated Math 3
- ☐ Algebra 2/Trigonometry
- ☐ Advanced Mathematics
- ☐ Statistics

☐ "d" – Laboratory Science

- ☐ Biological Science
- ☐ Chemistry
- ☐ Physics

_____ Integrated Science

NOTE: Students electing to enroll in an integrated-science program (ISP) are strongly advised to complete the entire three-year sequence. In most cases, the first year of an integrated-science sequence fulfills only the "g" elective requirement; the second and third years of the sequence then fulfill the two-year "d" laboratory science requirement. Accordingly, if only ISP I is successfully completed, then two courses from the categories of Biology, Chemistry, or Physics in the "d" subject area must be completed. If ISP I and only one of ISP II or ISP III are completed, then one additional course from the categories of Biology, Chemistry, or Physics from the "d" subject area must be taken to fulfill the "d" requirement.

_____ Interdisciplinary Science

NOTE: This category demonstrates that the course is cross-disciplinary and is often used for advanced science courses such as AP Environmental Science or Biochemistry.

_____ "e" – Language Other than English

_____ LOTE Year 1

_____ LOTE Year 2

_____ LOTE Year 3

_____ LOTE Year 4+

Language:

_____ ASL

_____ Chinese

_____ French

_____ German

_____ Hebrew

_____ Italian

_____ Japanese

_____ Latin

_____ Other

_____ Russian

_____ Spanish

_____ "f" – Visual & Performing Arts

_____ Dance (Intro)

_____ Dance (Advanced)

_____ Music (Intro)

_____ Music (Advanced)

_____ Theater Arts (Intro)

_____ Theater Arts (Advanced)

_____ Visual Arts (Intro)

_____ Visual Arts (Advanced)

_____ "g" – Elective

_____ History / Social Science

_____ English

_____ English-ESL/ELD

_____ Math

_____ Statistics

_____ Science-Biological

- ☐ Science-Integrated
☐ Science-Physical
☐ LOTE
☐ VPA
☐ Interdisciplinary
☐ Other

Grade Level: ☐ 9 ☐ 10 ☐ 11 ☐ 12

NOTE: Grade level pertains to which grades the course has been designed. 9th grade cannot be selected for Advanced VPA. 9th and 10th grades cannot be selected for honors courses.

Unit Value: ☐ 0.5 (half year or semester equiv.) ☐ 1.0 (one year, 2 semesters or 3 trimesters equiv.)

• **Course Attributes**

Is this course, or any separate section of this course, taught in an online learning environment?

☐ Yes ☐ No

If "Yes," has this course been certified by the [California Learning Resource Network \(CLRN\)](#)?

☐ Yes ☐ No

If "No," has your institution conducted a self-assessment of the online course against the [iNACOL Standards for Quality Online Courses](#)?

☐ Yes ☐ No

If "Yes," does the course fulfill all 15 UC-identified power standards from the [iNACOL Standards for Quality Online Courses](#)?

☐ Yes ☐ No

If "Yes," how many of the remaining 37 standards from the [iNACOL Standards for Quality Online Courses](#) does the course satisfy? _____

If "Yes," please attach a copy of your completed [Online Course Self-Assessment Form](#).

Is this course classified as a Career Technical Education course?

☐ Yes ☐ No

If "Yes," please select the name of the Industry Sector and Career Pathway:

- ☐ Agriculture and Natural Resources
- ☐ Agricultural Business
 - ☐ Agricultural Mechanics
 - ☐ Agriscience
 - ☐ Animal Science
 - ☐ Forestry and Natural Resources
 - ☐ Ornamental Horticulture
 - ☐ Plant and Soil Science

- _____ Arts, Media, and Entertainment
 - _____ Media and Design Arts
 - _____ Performing Arts
 - _____ Production and Managerial Arts
- _____ Building and Construction
 - _____ Cabinetmaking and Wood Products
 - _____ Engineering and Heavy Construction
 - _____ Mechanical Construction
 - _____ Residential and Commercial Construction
- _____ Education, Child Development and Family Services
 - _____ Child Development
 - _____ Consumer Services
 - _____ Education
 - _____ Family and Human Services
- _____ Energy and Utilities
 - _____ Electromechanical Installation and Maintenance
 - _____ Energy and Environmental Technology
 - _____ Public Utilities
 - _____ Residential and Commercial Energy and Utilities
- _____ Engineering and Design
 - _____ Architectural and Structural Engineering
 - _____ Computer Hardware, Electrical, and Networking Engineering
 - _____ Engineering Design
 - _____ Engineering Technology
 - _____ Environment and Natural Science Engineering
- _____ Fashion and Interior Design
 - _____ Fashion Design, Manufacturing, and Merchandising
 - _____ Interior Design, Furnishings, and Maintenance
- _____ Finance and Business
 - _____ Accounting Services
 - _____ Banking and Related Services
 - _____ Business Financial Management
- _____ Health Science and Medical Technology
 - _____ Biotechnology Research and Development
 - _____ Diagnostic Services
 - _____ Health Information
 - _____ Support Services
 - _____ Therapeutic Services

- _____ Hospitality, Tourism, and Recreation
 - _____ Food Service and Hospitality
 - _____ Food, Science, Dietetics, and Nutrition
 - _____ Hospitality, Tourism, and Recreation
- _____ Information Technology
 - _____ Information Support and Services
 - _____ Media Support and Services
 - _____ Network Communications
 - _____ Programming and Systems Development
- _____ Manufacturing and Product Development
 - _____ Graphic Arts Technology
 - _____ Integrated Graphics Technology
 - _____ Machine and Forming Technology
 - _____ Welding Technology
- _____ Marketing, Sales, and Service
 - _____ E-Commerce
 - _____ Entrepreneurship
 - _____ International Trade
 - _____ Professional Sales and Marketing
- _____ Public Services
 - _____ Human Services
 - _____ Legal and Government Services
 - _____ Protective Services
- _____ Transportation
 - _____ Aviation and Aerospace Transportation Services
 - _____ Collision Repair and Refinishing
 - _____ Vehicle Maintenance, Service, and Repair

• **Catalog Description**

Brief Course Description

NOTE: Briefly (in a short paragraph) describe the course, focusing on content, rather than instructional strategies, assessments, or rationale. If school has a catalog, enter the description that is in the catalog.

Pre-Requisites: _____ Required _____ Recommended _____

NOTE: Laboratory science and Advanced VPA courses require a pre-requisite. Submissions will not be allowed if this is not included. Some courses, particularly in the mathematics subject areas, require appropriate pre-requisites. For further explanation, refer either to the "Guide to a-g Requirements" document or the "a-g" Guide web site at www.ucop.edu/agGuide.

Co-Requisites: _____ Required _____ Recommended _____

- **Background Information**

NOTE: Do not include information that could identify your school or district.

Context for Course (optional) **REQUIRED FOR CTE COURSES**

NOTE: In order to understand the context for a new course, sometimes it is helpful for UC to understand the broader educational program and/or reform efforts of the school. How does this course fit into broader departmental and/or pathway structure? How does it fit into the overall school restructuring plans? Is the course intended to be a core course or supplemental? What are the student/school/community needs met by this course?

History of Course Development (optional) **REQUIRED FOR CTE COURSES**

NOTE: Likewise, it is sometimes helpful for UC to know the origins of a course and who was involved in its development. Did you consult with UC Admissions personnel or UC professors? If so, what was the nature of such consultation and what was the result? Was this course modeled after another course at another school? If so, is that course UC approved? How does the course being submitted differ from the course after which it was modeled? Has this course received any special recognitions, designations or awards? Has it been articulated to local community colleges or universities?

- **Textbooks**

NOTE: Include list of Primary and Secondary Texts. Make sure to note the books that will be read entirely and those that will be as excerpts. Textbook information is not necessary if your course is a Visual and Performing Arts, Advanced Placement or an International Baccalaureate course. Online texts or non-standard text materials should include a link to the online text.

Textbook

Title: _____

Edition: _____

Publication Date: _____

Publisher: _____

Author(s): _____

URL Resource(s): _____

Usage: _____ Primary Text _____ Read in entirety or near entirety

(Be sure to list any additional textbooks that are used for the class.)

Supplemental Instructional Materials: *Please describe. If using online text or non-standard material, please provide the title of the material or webpage and the URL link.*

For Preparation Only

Supplemental Instructional Materials: Please describe, if using online text or non-standard material, please provide the title of the material or webpage and the URL.

UC Doorways Online Update Template
(Required Information needed to prepare for course submission)

• **School Information**

NOTE: The School Information must be updated / verified as accurate at the start of each submission cycle. This must be completed before the system will allow any course submissions.

School Information

School Name: Central High School _____

High School District: Central Unified School District _____

City: Fresno, CA 93723 _____

School Course List Contact Information

First Name: Robert _____

Last Name: Pererz _____

Position/Title: Principal _____

Phone Number: 559-276-5276 _____ Ext.: _____

E-mail: rperez@centralusd.k12.ca.us _____

Teacher Contact Information

First Name: June _____

Last Name: Bettencourt _____

Position/Title: Teacher _____

Phone Number: 559-276-5276 _____ Ext.: 51241 _____

E-mail: jbettencourt@centralusd.k12.ca.us _____

• **Previously Approved Courses**

NOTE: Complete outlines are not needed for courses previously approved by UC. Courses that are defined as "previously approved" are courses from programs (Advanced Placement, International Baccalaureate, ROP courses, etc.), courses from within the same district, courses that have been removed within a three-year window and are being reinstated, and courses from UC-approved online providers. Courses modeled after courses from outside the school district are also defined as "previously approved" but a complete course description will be required for submission. Each section below represents an individual page on the electronic submission site.

Was this course "Previously Approved" by UC? ☒ Yes No

If "No", proceed to the **Course Description** section.

If "Yes," please indicate which category applies:

Has this course been provided program status, is not an online course, and is it listed below?

☒ Yes No

If "Yes," select an option from the Program Status list:

_____ AVID Program

- ☐ Advanced Placement (AP)
- ☐ Advanced Placement (AP)
- ☐ California Partnership Academies (CPA)
- ☐ CDE Agricultural Education
- ☐ Center for Advanced Research and Technology (CART)
- ☐ CSU Early Assessment Program (EAP)
- ☐ International Baccalaureate (IB) Program
- ☐ National Academy Foundation (NAF)
- ☐ Project Lead the Way
- ☐ ROP/C Organization _____ Name of ROP/C: _____

x University of California Curriculum Integration (UCCI) Institute

If "Advanced Placement", has it been authorized by the College Board through the AP Audit Process?

☐ Yes ☐ In Progress

NOTE: UC will only allow Advanced Placement courses that have passed or are in the AP Audit process. UC requires all AP courses on your list, including those approved in prior years, to be verified via the College Board AP Audit process. UC will run quarterly reports based on AP Audit data. AP courses not listed on the AP Audit list will be removed.

If "In Progress," date submitted to AP: _____ (MM/DD/YY)

Exact Program Course Title: Sustainable Agriculture Biology _____

Is this course provided by a UC-approved online course publisher listed below?

☐ Yes x ☒ No

If "Yes", select an option from the Online Provider list:

- ☐ Academic Advantage Online
- ☐ Accelerate Education/Accelerate Online Academy
- ☐ Advanced Academics
- ☐ Apex Learning/Apex Learning Virtual School
- ☐ Alpha Omega Academy
- ☐ Aventa Learning
- ☐ Class.com
- ☐ CompassLearning/Odyssey
- ☐ Connections Academy
- ☐ Edgenuity, Inc. (formerly Education2020)
- ☐ Edmentum, Inc. (formerly PLATO Learning)
- ☐ FlipSwitch
- ☐ Florida Virtual School (FVS)
- ☐ Jesuit Virtual Learning Academy
- ☐ K12, Inc.
- ☐ Middlebury Interactive Languages

- ☐ National University System
- ☐ OdysseyWare, Inc.
- ☐ Pamoja Education Unlimited
- ☐ Pearson Education (GradPoint)
- ☐ Scout from University of California
- ☐ Thesys International
- ☐ VHS, Inc. Virtual High School Global Consortium

Exact Course Title: _____

Is this course modeled after an identical course approved for the current year at another school in the same comprehensive school district?

☐ Yes ☒ No

If "Yes," which school? _____

Exact Course Title: _____

Is this course being reinstated after removal within 3 years?

☐ Yes ☒ No

If "Yes," what year was the course removed from the list? _____

Exact Course Title: _____

Is this course modeled after a UC-approved course from another school outside your district?

☒ Yes ☐ No

NOTE: If "Yes," you will be required to submit a complete course description. UC will review the previous submission, if available, to assist in our review process.

If "Yes," which school and ATP code? TBD _____

Exact Course Title: _____

• **Course Description**

Course Title: Sustainable Agriculture Biology _____

NOTE: Courses that are "previously approved" must use the same exact course title as the previously approved course.

Transcript Title(s)/Abbreviation(s): Sustainable Agriculture Biology _____

Course Code(s): TBD _____

Seeking "Honors" Distinction

NOTE: To receive "honors" distinction, the course submission must satisfy certain requirements. For information about these requirements, please visit the a-g Guide: <http://www.ucop.edu/agguide/a-g-requirements/honors/index.html>. For "previously approved" courses (including AP and IB), the honors information will be pre-populated as applicable.

☒ No

- ☐ Yes, AP
☐ Yes, IB (Higher Level)
☐ Yes, IB (Standard Level)
☐ Yes, Other Honors

NOTE: Defined as a course specifically designed by the school with distinctive features which sets it apart from regular high school courses in the same discipline areas. Course should be seen as comparable in terms of workload and emphasis to AP, IB, or introductory college courses in the subject. Honors courses must be designed for the 11th and 12th grade level and require a comprehensive, year-long, written final exam. In addition to AP and IB higher level courses, high schools may certify as honors level courses *not more than one unit in each of the following subject areas only*: history, English, advanced mathematics, each laboratory science, each language other than English, and each of the four VPA disciplines. If there are no AP or IB higher level courses in a given subject area, the high school may certify up to, but not more than, two units at the honors level in that area.

Subject Area and Category

- ☐ "a" – History / Social Science
☐ U.S. History
☐ American Government / Civics
☐ World History / Geography / Cultures

- ☐ "b" – English
☐ English
☐ English-ESL/ELD

- ☐ "c" – Mathematics
☐ Algebra 1; Yr 1 of 2
☐ Algebra 1; Yr 2 of 2
☐ Algebra 1
☐ Integrated Math 1
☐ Geometry; Yr 1 of 2
☐ Geometry; Yr 2 of 2
☐ Geometry
☐ Integrated Math 2
☐ Algebra 2; Yr 1 of 2
☐ Algebra 2; Yr 2 of 2
☐ Algebra 2
☐ Integrated Math 3
☐ Algebra 2/Trigonometry
☐ Advanced Mathematics
☐ Statistics

☒ "d" – Laboratory Science

- ☒ Biological Science
☐ Chemistry
☐ Physics

_____ Integrated Science

NOTE: Students electing to enroll in an integrated-science program (ISP) are strongly advised to complete the entire three-year sequence. In most cases, the first year of an integrated-science sequence fulfills only the "g" elective requirement; the second and third years of the sequence then fulfill the two-year "d" laboratory science requirement. Accordingly, if only ISP I is successfully completed, then two courses from the categories of Biology, Chemistry, or Physics in the "d" subject area must be completed. If ISP I and only one of ISP II or ISP III are completed, then one additional course from the categories of Biology, Chemistry, or Physics from the "d" subject area must be taken to fulfill the "d" requirement.

_____ Interdisciplinary Science

NOTE: This category demonstrates that the course is cross-disciplinary and is often used for advanced science courses such as AP Environmental Science or Biochemistry.

_____ "e" – Language Other than English

_____ LOTE Year 1

_____ LOTE Year 2

_____ LOTE Year 3

_____ LOTE Year 4+

Language:

_____ ASL

_____ Chinese

_____ French

_____ German

_____ Hebrew

_____ Italian

_____ Japanese

_____ Latin

_____ Other

_____ Russian

_____ Spanish

_____ "f" – Visual & Performing Arts

_____ Dance (Intro)

_____ Dance (Advanced)

_____ Music (Intro)

_____ Music (Advanced)

_____ Theater Arts (Intro)

_____ Theater Arts (Advanced)

_____ Visual Arts (Intro)

_____ Visual Arts (Advanced)

_____ "g" – Elective

_____ History / Social Science

_____ English

_____ English-ESL/ELD

_____ Math

_____ Statistics

_____ Science-Biological

- ☐ Science-Integrated
☐ Science-Physical
☐ LOTE
☐ VPA
☐ Interdisciplinary
☐ Other

Grade Level: x ☐ 9 ☐ 10 ☐ 11 ☐ 12

NOTE: Grade level pertains to which grades the course has been designed. 9th grade cannot be selected for Advanced VPA. 9th and 10th grades cannot be selected for honors courses.

Unit Value: ☐ 0.5 (half year or semester equiv.) x ☐ 1.0 (one year, 2 semesters or 3 trimesters equiv.)

• **Course Attributes**

Is this course, or any separate section of this course, taught in an online learning environment?

☐ Yes x ☒ No

If "Yes," has this course been certified by the [California Learning Resource Network \(CLRN\)](#)?

☐ Yes ☐ No

If "No," has your institution conducted a self-assessment of the online course against the [iNACOL Standards for Quality Online Courses](#)?

☐ Yes ☐ No

If "Yes," does the course fulfill all 15 UC-identified power standards from the [iNACOL Standards for Quality Online Courses](#)?

☐ Yes x ☒ No

If "Yes," how many of the remaining 37 standards from the [iNACOL Standards for Quality Online Courses](#) does the course satisfy? _____

If "Yes," please attach a copy of your completed [Online Course Self-Assessment Form](#).

Is this course classified as a Career Technical Education course?

X ☒ Yes ☐ No

If "Yes," please select the name of the Industry Sector and Career Pathway:

- ☐ Agriculture and Natural Resources
☐ Agricultural Business
☐ Agricultural Mechanics
☒ Agriscience
☐ Animal Science
☐ Forestry and Natural Resources
☐ Ornamental Horticulture
☐ Plant and Soil Science

- _____ Arts, Media, and Entertainment
 - _____ Media and Design Arts
 - _____ Performing Arts
 - _____ Production and Managerial Arts
- _____ Building and Construction
 - _____ Cabinetmaking and Wood Products
 - _____ Engineering and Heavy Construction
 - _____ Mechanical Construction
 - _____ Residential and Commercial Construction
- _____ Education, Child Development and Family Services
 - _____ Child Development
 - _____ Consumer Services
 - _____ Education
 - _____ Family and Human Services
- _____ Energy and Utilities
 - _____ Electromechanical Installation and Maintenance
 - _____ Energy and Environmental Technology
 - _____ Public Utilities
 - _____ Residential and Commercial Energy and Utilities
- _____ Engineering and Design
 - _____ Architectural and Structural Engineering
 - _____ Computer Hardware, Electrical, and Networking Engineering
 - _____ Engineering Design
 - _____ Engineering Technology
 - _____ Environment and Natural Science Engineering
- _____ Fashion and Interior Design
 - _____ Fashion Design, Manufacturing, and Merchandising
 - _____ Interior Design, Furnishings, and Maintenance
- _____ Finance and Business
 - _____ Accounting Services
 - _____ Banking and Related Services
 - _____ Business Financial Management
- _____ Health Science and Medical Technology
 - _____ Biotechnology Research and Development
 - _____ Diagnostic Services
 - _____ Health Information
 - _____ Support Services
 - _____ Therapeutic Services

- _____ Hospitality, Tourism, and Recreation
 - _____ Food Service and Hospitality
 - _____ Food, Science, Dietetics, and Nutrition
 - _____ Hospitality, Tourism, and Recreation
- _____ Information Technology
 - _____ Information Support and Services
 - _____ Media Support and Services
 - _____ Network Communications
 - _____ Programming and Systems Development
- _____ Manufacturing and Product Development
 - _____ Graphic Arts Technology
 - _____ Integrated Graphics Technology
 - _____ Machine and Forming Technology
 - _____ Welding Technology
- _____ Marketing, Sales, and Service
 - _____ E-Commerce
 - _____ Entrepreneurship
 - _____ International Trade
 - _____ Professional Sales and Marketing
- _____ Public Services
 - _____ Human Services
 - _____ Legal and Government Services
 - _____ Protective Services
- _____ Transportation
 - _____ Aviation and Aerospace Transportation Services
 - _____ Collision Repair and Refinishing
 - _____ Vehicle Maintenance, Service, and Repair

• **Catalog Description**

Brief Course Description

NOTE: Briefly (in a short paragraph) describe the course, focusing on content, rather than instructional strategies, assessments, or rationale. If school has a catalog, enter the description that is in the catalog.

Integrates biological science practices and knowledge into the practice of sustainable agriculture. The hands-on labs and other assignments provide students with opportunities to try to answer the following questions: 1) What is sustainable agriculture? 2) How does sustainable agriculture fit into our environment? 3) What molecular biology principles guide sustainable agriculture? 4) How do we make decisions to maximize sustainable agricultural practices within a functioning ecosystem? The course culminates in the development of a sustainable farm model and portfolio of supporting student research.

Pre-Requisites: Algebra 1 or equivalent Required X Recommended

NOTE: Laboratory science and Advanced VPA courses require a pre-requisite. Submissions will not be allowed if this is not included. Some courses, particularly in the mathematics subject areas, require appropriate pre-requisites. For further explanation, refer either to the "Guide to a-g Requirements" document or the "a-g" Guide web site at www.ucop.edu/agGuide.

Co-Requisites: _____ Required _____ Recommended _____

- **Background Information**

NOTE: Do not include information that could identify your school or district.

Context for Course (optional) **REQUIRED FOR CTE COURSES**

NOTE: In order to understand the context for a new course, sometimes it is helpful for UC to understand the broader educational program and/or reform efforts of the school. How does this course fit into broader departmental and/or pathway structure? How does it fit into the overall school restructuring plans? Is the course intended to be a core course or supplemental? What are the student/school/community needs met by this course?

This course will meet students' needs in regards to the Next Generation Science Standards. It will be the introductory class for our newly structured Agriscience Pathway. It is based on the re-organization of standards within the biological science discipline and integrates those standards into the practice of sustainable agriculture. Students will gain skills needed in a variety of Agriculture careers.

History of Course Development (optional) **REQUIRED FOR CTE COURSES**

NOTE: Likewise, it is sometimes helpful for UC to know the origins of a course and who was involved in its development. Did you consult with UC Admissions personnel or UC professors? If so, what was the nature of such consultation and what was the result? Was this course modeled after another course at another school? If so, is that course UC approved? How does the course being submitted differ from the course after which it was modeled? Has this course received any special recognitions, designations or awards? Has it been articulated to local community colleges or universities?

This course was developed through the UCCI Institute. There were many agriculture CTE instructors who participated in the development of the curriculum. Our local advisory committee, which consists in part of university and community college professors, has reviewed and been in favor of this curriculum being taught within our pathway.

- **Textbooks**

NOTE: Include list of Primary and Secondary Texts. Make sure to note the books that will be read entirely and those that will be as excerpts. Textbook information is not necessary if your course is a Visual and Performing Arts, Advanced Placement or an International Baccalaureate course. Online texts or non-standard text materials should include a link to the online text.

Textbook

Title: Biology _____

Edition: _____

Publication Date: 2008 _____

Publisher: McDougal Littell _____

Author(s): Stephen Nowicki _____

URL Resource(s): _____

Usage: x Primary Text _____ Read in entirety or near entirety

(Be sure to list any additional textbooks that are used for the class.)

Supplemental Instructional Materials: *Please describe. If using online text or non-standard material, please provide the title of the material or webpage and the URL link.*

Herren, Ray V. *The Biological Approach to AgriScience*. 4th edition. Delmar Thompson Learning. 2012. New York.

Herren, Ray V. *Introduction to Biotechnology: An Agricultural Revolution*. Delmar Thompson Learning. 2005. New York

Camp, William G. and Thomas B. Daugherty. *Managing our Natural Resources*. Del Mar Publishers. 1998. New York

Baker, MeeCee and Robert Mikesell. *Animal Science: Biology and Technology*. 3rd edition. Delmar Cengage Learning. 2011. New York

Bidlack, James and Shelley Jansky. *Stern's Introduction to Plant Biology*. 12th edition. McGraw Hill Publishing. 2010. New York.

UC Doorways Online Update Template
(Required Information needed to prepare for course submission)

• **School Information**

NOTE: The School Information must be updated / verified as accurate at the start of each submission cycle. This must be completed before the system will allow any course submissions.

School Information

School Name: Central High School _____

High School District: Central Unified School District _____

City: Fresno, CA 93723 _____

School Course List Contact Information

First Name: Robert _____

Last Name: Perez _____

Position/Title: Principal _____

Phone Number: 559-276-5276 _____ Ext.: _____

E-mail: rperez@centralusd.k12.ca.us _____

Teacher Contact Information

First Name: June _____

Last Name: Bettencourt _____

Position/Title: Teacher _____

Phone Number: 559-276-5276 _____ Ext.: 51241 _____

E-mail: jbettencourt@centralusd.k12.ca.us _____

• **Previously Approved Courses**

NOTE: Complete outlines are not needed for courses previously approved by UC. Courses that are defined as "previously approved" are courses from programs (Advanced Placement, International Baccalaureate, ROP courses, etc.), courses from within the same district, courses that have been removed within a three-year window and are being reinstated, and courses from UC-approved online providers. Courses modeled after courses from outside the school district are also defined as "previously approved" but a complete course description will be required for submission. Each section below represents an individual page on the electronic submission site.

Was this course "Previously Approved" by UC? x Yes No

If "No", proceed to the **Course Description** section.

If "Yes," please indicate which category applies:

Has this course been provided program status, is not an online course, and is it listed below?

x Yes No

If "Yes," select an option from the Program Status list:

_____ AVID Program

- ☐ Advanced Placement (AP)
- ☐ Advanced Placement (AP)
- ☐ California Partnership Academies (CPA)
- ☐ CDE Agricultural Education
- ☐ Center for Advanced Research and Technology (CART)
- ☐ CSU Early Assessment Program (EAP)
- ☐ International Baccalaureate (IB) Program
- ☐ National Academy Foundation (NAF)
- ☐ Project Lead the Way
- ☐ ROP/C Organization _____ Name of ROP/C: _____

☒ University of California Curriculum Integration (UCCI) Institute

If "Advanced Placement", has it been authorized by the College Board through the AP Audit Process?

☐ Yes ☐ In Progress

NOTE: UC will only allow Advanced Placement courses that have passed or are in the AP Audit process. UC requires all AP courses on your list, including those approved in prior years, to be verified via the College Board AP Audit process. UC will run quarterly reports based on AP Audit data. AP courses not listed on the AP Audit list will be removed.

If "In Progress," date submitted to AP: _____ (MM/DD/YY)

Exact Program Course Title: Sustainable Agriculture Biology _____

Is this course provided by a UC-approved online course publisher listed below?

☐ Yes ☒ No

If "Yes", select an option from the Online Provider list:

- ☐ Academic Advantage Online
- ☐ Accelerate Education/Accelerate Online Academy
- ☐ Advanced Academics
- ☐ Apex Learning/Apex Learning Virtual School
- ☐ Alpha Omega Academy
- ☐ Aventa Learning
- ☐ Class.com
- ☐ CompassLearning/Odyssey
- ☐ Connections Academy
- ☐ Edgenuity, Inc. (formerly Education2020)
- ☐ Edmentum, Inc. (formerly PLATO Learning)
- ☐ FlipSwitch
- ☐ Florida Virtual School (FVS)
- ☐ Jesuit Virtual Learning Academy
- ☐ K12, Inc.
- ☐ Middlebury Interactive Languages

- ☐ National University System
- ☐ OdysseyWare, Inc.
- ☐ Pamoja Education Unlimited
- ☐ Pearson Education (GradPoint)
- ☐ Scout from University of California
- ☐ Thesys International
- ☐ VHS, Inc. Virtual High School Global Consortium

Exact Course Title: _____

Is this course modeled after an identical course approved for the current year at another school in the same comprehensive school district?

☐ Yes ☒ No

If "Yes," which school? _____

Exact Course Title: _____

Is this course being reinstated after removal within 3 years?

☐ Yes ☒ No

If "Yes," what year was the course removed from the list? _____

Exact Course Title: _____

Is this course modeled after a UC-approved course from another school outside your district?

☒ Yes ☐ No

NOTE: If "Yes," you will be required to submit a complete course description. UC will review the previous submission, if available, to assist in our review process.

If "Yes," which school and ATP code? TBD _____

Exact Course Title: _____

• **Course Description**

Course Title: Sustainable Agriculture Biology _____

NOTE: Courses that are "previously approved" must use the same exact course title as the previously approved course.

Transcript Title(s)/Abbreviation(s): Agriculture and Soil Chemistry _____

Course Code(s): TBD _____

Seeking "Honors" Distinction

NOTE: To receive "honors" distinction, the course submission must satisfy certain requirements. For information about these requirements, please visit the a-g Guide: <http://www.ucop.edu/aguide/a-g-requirements/honors/index.html>. For "previously approved" courses (including AP and IB), the honors information will be pre-populated as applicable.

☒ No

☐ Yes, AP

☐ Yes, IB (Higher Level)

☐ Yes, IB (Standard Level)

☐ Yes, Other Honors

NOTE: Defined as a course specifically designed by the school with distinctive features which sets it apart from regular high school courses in the same discipline areas. Course should be seen as comparable in terms of workload and emphasis to AP, IB, or introductory college courses in the subject. Honors courses must be designed for the 11th and 12th grade level and require a comprehensive, year-long, written final exam. In addition to AP and IB higher level courses, high schools may certify as honors level courses *not more than one unit in each of the following subject areas only:* history, English, advanced mathematics, each laboratory science, each language other than English, and each of the four VPA disciplines. If there are no AP or IB higher level courses in a given subject area, the high school may certify up to, but not more than, two units at the honors level in that area.

Subject Area and Category

☐ "a" – History / Social Science

☐ U.S. History

☐ American Government / Civics

☐ World History / Geography / Cultures

☐ "b" – English

☐ English

☐ English-ESL/ELD

☐ "c" – Mathematics

☐ Algebra 1; Yr 1 of 2

☐ Algebra 1; Yr 2 of 2

☐ Algebra 1

☐ Integrated Math 1

☐ Geometry; Yr 1 of 2

☐ Geometry; Yr 2 of 2

☐ Geometry

☐ Integrated Math 2

☐ Algebra 2; Yr 1 of 2

☐ Algebra 2; Yr 2 of 2

☐ Algebra 2

☐ Integrated Math 3

☐ Algebra 2/Trigonometry

☐ Advanced Mathematics

☐ Statistics

☒ "d" – Laboratory Science

☐ Biological Science

☒ Chemistry

☐ Physics

_____ Integrated Science

NOTE: Students electing to enroll in an integrated-science program (ISP) are strongly advised to complete the entire three-year sequence. In most cases, the first year of an integrated-science sequence fulfills only the "g" elective requirement; the second and third years of the sequence then fulfill the two-year "d" laboratory science requirement. Accordingly, if only ISP I is successfully completed, then two courses from the categories of Biology, Chemistry, or Physics in the "d" subject area must be completed. If ISP I and only one of ISP II or ISP III are completed, then one additional course from the categories of Biology, Chemistry, or Physics from the "d" subject area must be taken to fulfill the "d" requirement.

_____ Interdisciplinary Science

NOTE: This category demonstrates that the course is cross-disciplinary and is often used for advanced science courses such as AP Environmental Science or Biochemistry.

_____ "e" – Language Other than English

_____ LOTE Year 1

_____ LOTE Year 2

_____ LOTE Year 3

_____ LOTE Year 4+

Language:

_____ ASL

_____ Chinese

_____ French

_____ German

_____ Hebrew

_____ Italian

_____ Japanese

_____ Latin

_____ Other

_____ Russian

_____ Spanish

_____ "f" – Visual & Performing Arts

_____ Dance (Intro)

_____ Dance (Advanced)

_____ Music (Intro)

_____ Music (Advanced)

_____ Theater Arts (Intro)

_____ Theater Arts (Advanced)

_____ Visual Arts (Intro)

_____ Visual Arts (Advanced)

_____ "g" – Elective

_____ History / Social Science

_____ English

_____ English-ESL/ELD

_____ Math

_____ Statistics

_____ Science-Biological

- ☐ Science-Integrated
☐ Science-Physical
☐ LOTE
☐ VPA
☐ Interdisciplinary
☐ Other

Grade Level: ☐ 9 x ☐ 10 x ☐ 11 ☐ 12

NOTE: Grade level pertains to which grades the course has been designed. 9th grade cannot be selected for Advanced VPA. 9th and 10th grades cannot be selected for honors courses.

Unit Value: ☐ 0.5 (half year or semester equiv.) x ☐ 1.0 (one year, 2 semesters or 3 trimesters equiv.)

• **Course Attributes**

Is this course, or any separate section of this course, taught in an online learning environment?

☐ Yes x ☐ No

If "Yes," has this course been certified by the [California Learning Resource Network \(CLRN\)](#)?

☐ Yes ☐ No

If "No," has your institution conducted a self-assessment of the online course against the [iNACOL Standards for Quality Online Courses](#)?

☐ Yes ☐ No

If "Yes," does the course fulfill all 15 UC-identified power standards from the [iNACOL Standards for Quality Online Courses](#)?

☐ Yes x ☐ No

If "Yes," how many of the remaining 37 standards from the [iNACOL Standards for Quality Online Courses](#) does the course satisfy? _____

If "Yes," please attach a copy of your completed [Online Course Self-Assessment Form](#).

Is this course classified as a Career Technical Education course?

X ☒ Yes ☐ No

If "Yes," please select the name of the Industry Sector and Career Pathway:

- ☐ Agriculture and Natural Resources
☐ Agricultural Business
☐ Agricultural Mechanics
☒ Agriscience
☐ Animal Science
☐ Forestry and Natural Resources
☐ Ornamental Horticulture
☐ Plant and Soil Science

- _____ Arts, Media, and Entertainment
 - _____ Media and Design Arts
 - _____ Performing Arts
 - _____ Production and Managerial Arts
- _____ Building and Construction
 - _____ Cabinetmaking and Wood Products
 - _____ Engineering and Heavy Construction
 - _____ Mechanical Construction
 - _____ Residential and Commercial Construction
- _____ Education, Child Development and Family Services
 - _____ Child Development
 - _____ Consumer Services
 - _____ Education
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- _____ Energy and Utilities
 - _____ Electromechanical Installation and Maintenance
 - _____ Energy and Environmental Technology
 - _____ Public Utilities
 - _____ Residential and Commercial Energy and Utilities
- _____ Engineering and Design
 - _____ Architectural and Structural Engineering
 - _____ Computer Hardware, Electrical, and Networking Engineering
 - _____ Engineering Design
 - _____ Engineering Technology
 - _____ Environment and Natural Science Engineering
- _____ Fashion and Interior Design
 - _____ Fashion Design, Manufacturing, and Merchandising
 - _____ Interior Design, Furnishings, and Maintenance
- _____ Finance and Business
 - _____ Accounting Services
 - _____ Banking and Related Services
 - _____ Business Financial Management
- _____ Health Science and Medical Technology
 - _____ Biotechnology Research and Development
 - _____ Diagnostic Services
 - _____ Health Information
 - _____ Support Services
 - _____ Therapeutic Services

- _____ Hospitality, Tourism, and Recreation
 - _____ Food Service and Hospitality
 - _____ Food, Science, Dietetics, and Nutrition
 - _____ Hospitality, Tourism, and Recreation
- _____ Information Technology
 - _____ Information Support and Services
 - _____ Media Support and Services
 - _____ Network Communications
 - _____ Programming and Systems Development
- _____ Manufacturing and Product Development
 - _____ Graphic Arts Technology
 - _____ Integrated Graphics Technology
 - _____ Machine and Forming Technology
 - _____ Welding Technology
- _____ Marketing, Sales, and Service
 - _____ E-Commerce
 - _____ Entrepreneurship
 - _____ International Trade
 - _____ Professional Sales and Marketing
- _____ Public Services
 - _____ Human Services
 - _____ Legal and Government Services
 - _____ Protective Services
- _____ Transportation
 - _____ Aviation and Aerospace Transportation Services
 - _____ Collision Repair and Refinishing
 - _____ Vehicle Maintenance, Service, and Repair

• Catalog Description

Brief Course Description

NOTE: Briefly (in a short paragraph) describe the course, focusing on content, rather than instructional strategies, assessments, or rationale. If school has a catalog, enter the description that is in the catalog.

Focus on the physical and chemical nature of soil as well as the relationships between soil, plants, and animals as those relationships pertain to agricultural practices. Students examine properties of soil and land and their connections to plant and animal production. Using knowledge of scientific protocols as well as course content, students develop an Agriscience research project that requires them to develop a valid and authentic research question, formulate a hypothesis based on related research, conduct an experiment to test the hypothesis, collect quantitative data, and form a conclusion based on analysis of the data. Additionally, students develop and present a capstone soil management plan for agricultural producers, using the content learned throughout the course.

Pre-Requisites: Algebra 1 or equivalent Required X Recommended _____

NOTE: Laboratory science and Advanced VPA courses require a pre-requisite. Submissions will not be allowed if this is not included. Some courses, particularly in the mathematics subject areas, require appropriate pre-requisites. For further explanation, refer either to the "Guide to a-g Requirements" document or the "a-g" Guide web site at www.ucop.edu/agGuide.

Co-Requisites: _____ Required _____ Recommended _____

- **Background Information**

NOTE: Do not include information that could identify your school or district.

Context for Course (optional) **REQUIRED FOR CTE COURSES**

NOTE: In order to understand the context for a new course, sometimes it is helpful for UC to understand the broader educational program and/or reform efforts of the school. How does this course fit into broader departmental and/or pathway structure? How does it fit into the overall school restructuring plans? Is the course intended to be a core course or supplemental? What are the student/school/community needs met by this course?

This course will meet students' needs in regards to the Next Generation Science Standards. It will be the secondary level class for our newly structured Agriscience Pathway. It is based on the re-organization of standards within the chemistry discipline and integrates those standards into the practice of chemistry. Students will gain skills needed in a variety of Agriculture careers.

History of Course Development (optional) **REQUIRED FOR CTE COURSES**

NOTE: Likewise, it is sometimes helpful for UC to know the origins of a course and who was involved in its development. Did you consult with UC Admissions personnel or UC professors? If so, what was the nature of such consultation and what was the result? Was this course modeled after another course at another school? If so, is that course UC approved? How does the course being submitted differ from the course after which it was modeled? Has this course received any special recognitions, designations or awards? Has it been articulated to local community colleges or universities?

This course was developed through the UCCI Institute. There were many agriculture CTE instructors who participated in the development of the curriculum. Our local advisory committee, which consists in part of university and community college professors, has reviewed and been in favor of this curriculum being taught within our pathway.

- **Textbooks**

NOTE: Include list of Primary and Secondary Texts. Make sure to note the books that will be read entirely and those that will be as excerpts. Textbook information is not necessary if your course is a Visual and Performing Arts, Advanced Placement or an International Baccalaureate course. Online texts or non-standard text materials should include a link to the online text.

Textbook

Title :Plant and Soil Science Fundamentals and Applications _____

Edition: 1 _____

Publication Date: 2010 _____

Publisher: Delmar _____

Author(s): Rick Parker _____

URL Resource(s): _____

Usage: x Primary Text _____ Read in entirety or near entirety

(Be sure to list any additional textbooks that are used for the class.)

Supplemental Instructional Materials: *Please describe. If using online text or non-standard material, please provide the title of the material or webpage and the URL link.*

Environmental Science Fundamentals and Applications Delmar Cengage Learning
Chapters 1-3; 5 & 6

Environmental Science and Technology Second Edition Agriscience & Technology
Chapters 10, 13, 14 & 15

Environmental Science 10th Edition; G. Tyler Miller, Jr.
Chapters 9, 13 & 14

Environmental Science 7th Edition; Bernard J. Nebel & Richard T. Wright, Prentice Hall

The Science of Agriculture A Biological Approach 2nd Edition; Ray V. Herren; Delmar Thomson Learning

Quality Criteria 2:

Leadership and Citizenship Development

The Fresno-Central FFA Chapter was chartered in 1930 (chapter number 0087) and has enjoyed a rich competitive reputation throughout its history. All students are encouraged to participate in leadership and citizenship activities relevant to their needs and interest. Each student is expected to keep a record of their participation in chapter, section, region, state and national activities in their personal recordbook. Our program consistently participates in about twenty different FFA activities each semester. Students are able to compete in over 15 different CDE judging teams (Livestock, Light Horse, Ag Mechanics, Milk Quality, Computer Applications, Small Engines, Cooperative Marketing, Banking, Vine Judging, Vine Pruning, Best Informed Greenhand, Job Interview, Prepared Speaking, Extemporaneous Speaking, Creed Speaking, and Impromptu speaking) which competed in over numerous field days around the State of California, attend leadership conferences and activities, and participate in public speaking events. Students also have the opportunity to participate in numerous student committees, officer teams, fundraising events, and community service activities. If parents, community members or administration want to know more about our program or activities that our chapter participates in, we have our Chapter's Program of Work and chapter website that offers more information. Our Program of Work, or POW, is revised annually by our Ag Staff and Chapter FFA Officers and submitted to our Regional Supervisor. The POW is comprehensive and covers the three circles of Ag Education, giving information to the

community about the opportunities that exist for our agriculture students. It has been recognized at the state level for its completion and ease of navigation. The chapter website offers a calendar of upcoming activities, applications for degrees, and information regarding the Fresno-Central FFA.

Students in the Central High School Agriculture Program are required to participate in outside of class FFA activities. As a department, it was decided that all students enrolled in an agriculture class must participate in two out of class and one in class FFA activity per semester which counts for five percent of their grade. In class FFA activities are usually in the form of an official FFA Chapter Meeting. Officers will run the meeting covering new and old business as well as hold some type of leadership break-out sessions for all members. The classes that meet high school graduation requirements, UC requirements, or ROP class requirements, the FFA involvement has been found to be an integral part to the students' academic success in the form of record keeping and public speaking. By making this a requirement, over eighty percent of the Fresno-Central FFA chapter members participate in at least three leadership and citizenship development activities each semester. The staff verifies these requirements by keeping activity night sign-in sheets, signing off on activities, or making students bring in receipts of fundraiser activities attended.

To make sure that our students are affiliated with the FFA, we complete student data sheets or R2 forms in the beginning of the school year. These are usually filled out starting in the third week of school. This allows for class scheduling and movement to have slowed down. We want to ensure all students that are being registered with FFA are in the correct classes. Last year, the data sheet was updated to make it a more user friendly

correct classes. Last year, the data sheet was updated to make it a more user friendly format. This has led to students being able to fill this out with fewer mistakes. Filling out data sheets in class helps increase discussion with the students about the classes that our department offers. We also take the time to go over future activities that our chapter participates in. This also helps students start thinking about what classes they can take the following year in our agriculture education program. We want all members to have a plan for agriculture education for all four years of their high school career.

Even though we have approximately 80% of our student Ag population participating in their three activities a semester, we as a department still encourage our students to participate in more. In order to motivate our students to be involved in the chapter activities and beyond, we have a point awards system that recognizes our top 20 FFA members each year at our Spring Awards Banquet. Our top 20 members receive a special trip for their participation. Last year we took students to Wild Water Adventure Park in Clovis, CA. Previously, we have traveled to McDermott Field House in Lindsey and even the Santa Cruz Beach Boardwalk. We also recognize the top five for each grade level at the spring awards banquet with FFA paraphernalia. Right now, point award sheets are posted at the beginning of each month and students have the responsibility of filling them out and turning them in. Simply participating in the activities is not enough to ensure a spot in the top 20-point awards trip. Students must be responsible and fill out the form every month. The FFA 1st Vice President is in charge of tallying those points at the end of the month and keeping an accurate running total of students that have turned in paperwork. This is kept organized by using an excel spread sheet. In the future, I would like to see Google Forms utilized, which would make human errors almost nonexistent. The running totals are not

currently posted anywhere in the Agriculture department, so each year it is a surprise to all members who are in the top 20 point award winners. One idea to improve our point awards system would be by taking those totaled points and posting them so students can see how they are progressing points wise. My hope is that this would encourage students to become more involved and strive to reach that next level of points. There is an element of seeing your next closest competitor that might inspire students to be more active in our FFA chapter.

Supporting Completion Materials

Item A- Fresno-Central FFA Program of Activities. We turn this into Mr. Parker and then it is also posted on the Fresno-Central FFA Web Page.

Item B- Copies of Course Syllabi showing FFA as a graded component of each Ag Class.

Item C- Copy of the FFA activities Chart provided for all members and Ag Staff at the beginning of each school year.

Item D- FFA Top Twenty monthly Point Awards sign-up sheets.

Item E- Pictures from the 2014-2015 FFA Chapter Scrapbook

A

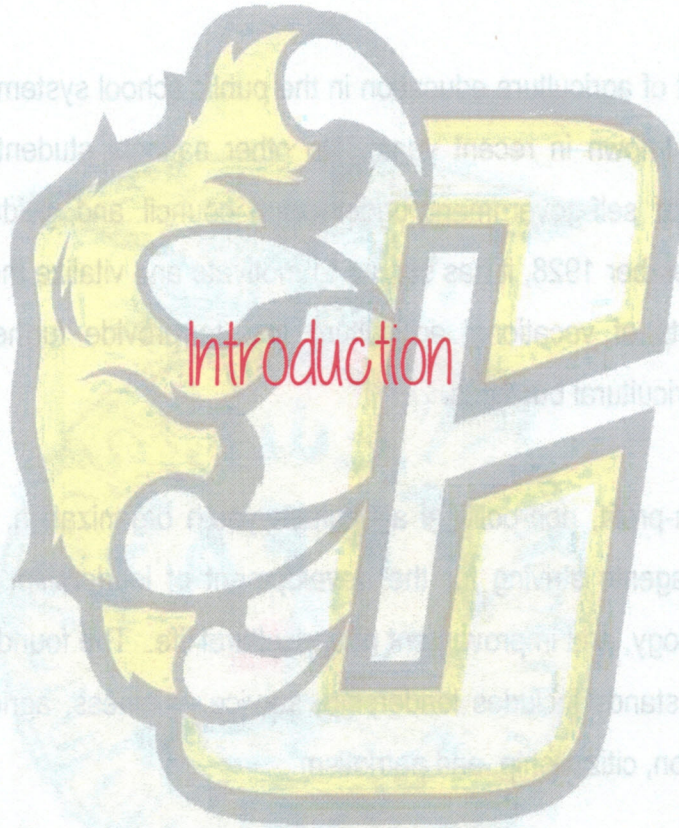
Fresno-Central

FFA



Program of Work 2015

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Introduction

The FFA Organization is an organization of the students, by the students, and for the students studying agriculture in public secondary schools under the provision of the Vocational Education Acts.

As an integral part of agriculture education in the public school system of America, the FFA has become well known in recent years. No other national student organization enjoys greater freedom of self-government under adult council and guidance than the FFA. Organized in November 1928, it has served to motivate and vitalize the effective instruction offered to students of vocational agriculture and to provide further training in farmer citizenship and agricultural business.

The FFA is a non-profit, non-political agriculture youth organization, designed to take its place with other agents striving for the development of leadership, the advancement of agriculture technology, and improvement of agricultural life. The foundation upon which the FFA organization stands includes leadership, service, business, agriculture improvement, organized recreation, citizenship, and patriotism.

National headquarters for the FFA is located at the Agricultural Education Branch Office of Health, Education, and Welfare in Washington D.C. The National Convention is held tri-annually in Indianapolis, Indiana and Louisville, Kentucky while the California Association holds its annual State Conference at the Fresno Convention Center in Fresno, California.

This 2015 - 2016 Program of Work was developed to explain the purpose of the FFA Organization as well as provide insight into the opportunities that are available to all students of agriculture at Central High School - West Campus.

FFA Theme

2015 - 2016

Each year the Fresno – Central FFA Officer Team selects a theme to guide their vision and objectives for the school year.

This year's theme is...

Caution, New Leaders Under Construction!



In Order Left to Right: Jesus Castro, Adam Solis, Alexa Aparicio, Courtney LeBar, Callie Freeman, Savannah Burnett, Allyson Ingram, Dominic Madero, Alejandro Flores

2015 - 2016 Fresno-Central FFA Chapter Officers



President
Sean Pimentel



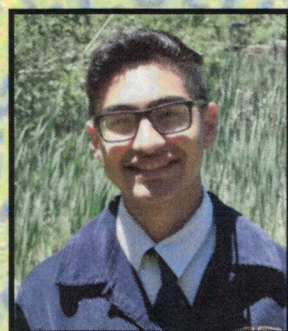
1st Vice President
Shannon Muzio



2nd Vice President
Alex Elisalde



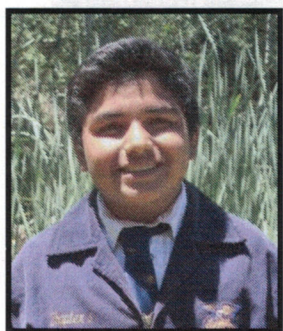
3rd Vice President
Anthony Gonzalez



Secretary
Brandi Gourley



Treasurer
Callie Freeman



Reporter
Courtney LeBar



Sentinel
Collin Parker



Historian
Alexa Aparicio

Presidents Message

Being raised in the middle of a suburb I was never destined to be an advocate of agriculture. I was raised in a large town that was surrounded by a vast variety of agricultural programs and crops, but I was never aware of such. I never understood the tremendous role agriculture took in my daily life. As a freshman I joined the FFA because of my Dad. I soon found there was much more in the FFA than I was ever aware. I not only found the FFA inspiring but I learned the importance and value in agriculture and the roles our great state plays in feeding our country and supplying jobs/careers.

FFA is a national organization that isn't easily just told, but needs to be experienced. There are numerous opportunities for every student in a variety of fields. As you embark on your journey in this organization let me recommend to keep an open mind and try new things. Don't be afraid because you don't know, but instead try your best and learn and absorb as much as you can from the experience. Each of these experiences are not handed to you or bought, they require dedication, determination, and hard work.

Being in this organization is an honor, and can positively influence your life. Remember that you will only receive what you put into this organization. If you work diligently the FFA will help make you a knowledgeable leader, and a respectable member of society. The stereo-type that FFA is simply for FFA is over stated. I myself am not even agriculture major but the FFA has assisted in growing and developing. I can only credit this great organization for my speaking skills and agricultural knowledge and so much more. FFA truly has something for everyone.

I am privileged to be the President of such a dedicated chapter in the organization, and it makes me proud to see each of our members growing and developing. Each and every one of you has something great to offer in this organization that can be further used in our society. You are the next generation of leaders in our world. I hope each of you take this opportunity and rise to the very top, making yourselves better individuals overall.

Sincerely,

Sean Pimentel
Fresno-Central Chapter President

Advisors Message

The Advisors of the Fresno-Central FFA would like to welcome all incoming and returning members to another exciting and challenging school year. We are all quite thrilled at the possibilities that await each of you, opportunities that can help you create a unique and positive identity for yourself. From a wide variety of agriculture classes, to speaking contests and career development events, and local community service opportunities, you will certainly find a place within our program.

The FFA is an amazing organization; in fact, it is the largest youth agricultural organization in the world! There are students all over the United States and beyond doing many of the same things you are; growing and excelling as young leaders. This is your chance to become a young leader through your participation and with the help and guidance provided by the advisors and officers. The *Program of Work* is an outline and history of the activities and accomplishments undertaken each school year by the Fresno-Central FFA Chapter. This *Program of Work* can be used to assist you with planning an individualized leadership plan, however, the main purpose behind the *Program of Work* is to establish cooperative group action and develop student responsibility. Without group cooperation and responsibility, neither labor nor knowledge would accomplish much.

By participating more fully and taking advantage of all of the opportunities offered in our FFA program, you will build on your individual leadership skills and create an identity that blends all the best you have to offer!

Have a fantastic year challenging yourself to start your FFA adventure!

Mrs. Jessica Fahey

Mr. Chris Williams
Ms. Roz Lopez
Mr. Blaise Chaney

Mrs. Taree Downs
Mrs. June Bettencourt
Mr. Darrell Hirschler

Principals Message

The nationwide youth organization, universally known as Future Farmers of America, is one of the largest and one of the most successfully run and operated entities in the world. It's tremendously rich and time tested; success is deeply rooted in the core values and ideals of its inception. The overall goals and objectives of the FFA is teach healthy virtues, ethics, and values to our youth, while cultivating a strong work ethic and the corresponding leadership skills to enable them to become our future worldwide leaders in every industry in the world.

Our FFA chapter here at Central High School has successfully, for several decades, manifested these all encompassing goals into the many and varied programs that they offer. The chapter advisors, along with their corresponding Boosters organization, have managed to build our chapter into the largest in the state of California. Above and beyond this tremendous accomplishment, our FFA chapter continues to successfully compete at the state and the national level. We have many of the brightest, many of the most talented, and many of the most diligent and hard working students and FFA advisors in the nation.

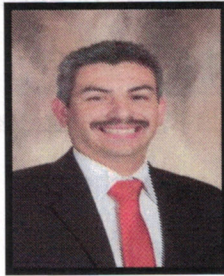
I am proud to be a part of and to be able to support such a high achieving and prosperous FFA chapter such as Fresno-Central FFA.

Sincerely,

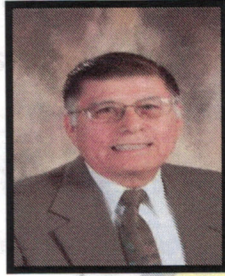
Mr. Robert Perez

Central High School Principal

Central Unified Board of Trustees



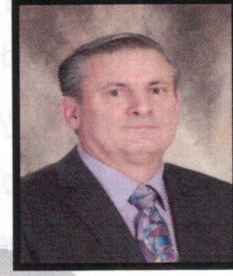
Mr. Cesar Granda
Area 1



Mr. Ruben Coronado
Area 2



Mr. Leonard Ramirez
Area 3



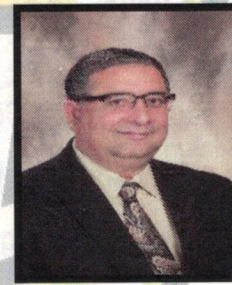
Mr. Richard Atkins
Area 4



Mrs. Cindy Berube
Area 5

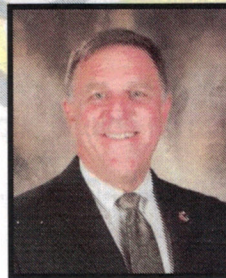


Mrs. Terry Cox
Area 6



Mr. Rama Dawar
Area 7

Central Unified Administrators



Mr. Mark Sutton
District Superintendent

Chief Academic Officer
Chief Business Officer
Human Resources
7-12 Education & Adult Education
Professional Development
Special Education & Support Services
K-6 Education

Dr. Laurel Ashlock
Mr. Kelly Porterfield
Mr. Jack Kelejian
Mr. Paul Birrell
Mrs. Keti Davis
Mrs. Valarie Johnson
Mrs. Tami Boatright