

AGED 539 | Internship in AGED

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Agriculture Educator

Pioneer Valley High School



Section 1

Reflection of Quality Criteria Standards



1. Curriculum and Instruction

1a. Curriculum Component

The curriculum includes the components required under Section 52454 of the Education Code: organized classes in the study of agriculture and technology, student supervised agricultural experience, and a program of leadership, organization and personal growth.

Pioneer Valley Agriculture Department employs five full time instructors and one part time instructor. Due to the large staffing, Pioneer has the opportunity to teach a variety of courses and offer multiple pathways. Every student enrolled in an agriculture class is automatically a member of the FFA. There are currently 727 members enrolled for the 2019-2020 year. There is a requirement for each student in an agriculture class to participate in at least five FFA activities per semester and have an approved SAE project with a record book. The requirements account for five percent of their semester grade and the SAE requirements account for another five percent of their grade.

Classes currently offered:

- Ag Science 1 (10 sections)
- Ag Chemistry (3 sections)
- Ag Biology (7 sections)
- Animal Science (1 section)
- Veterinary Science (1 section)
- Ornamental Horticulture (1 section)
- Advanced Ornamental Horticulture (1 section mixed with Ornamental Horticulture)
- Ag Business (1 section)
- Ag Econ (1 section)
- Ag Mechanics (2 sections)
- Advanced Ag Mechanics (1 section)
- Ag Leadership (1 section)
- Advanced Ag Leadership (1 section mixed with Ag Leadership)

1b. Agriculture Curriculum Standards

The class courses meet the California Department of Education Standards for the Agriculture and Core Curriculum.

1c. Career Pathways

Ag Business with G. Ponce- Concentrator Course is Ag Leadership and the Capstone Course is Advanced Ag Leadership which is also a concurrent enrollment course with Allan Hancock College (AHC Ag 157)

Ag Business with M. Guerra -Concentrator Course is Ag Business Communications and the Capstone Course is Ag Government and AHC Ag Econ (a concurrent enrollment course with Allan Hancock College.)

Ag Mechanics- Concentrator Course is Ag Mechanics and the Capstone Course is Advanced Ag Mechanics which is also a concurrent enrollment course with Allan Hancock College (AHC Ag 155)

Agriscience- Concentrator Course is Ag Biology and the Capstone Course is Ag Chemistry

Animal Science- Concentrator Course is Animal Science which is a concurrent enrollment course with Allan Hancock College (AHC Ag 152) and the Capstone Course is Veterinary Science

Ornamental Horticulture- Concentrator Course is Ornamental Horticulture and the Capstone Course is Advanced Ornamental Horticulture which is also a concurrent enrollment course with Allan Hancock College (AHC Ag 156)

1d. Course Sequences

Each of our freshmen students start in the Ag Science 1 course--this year we have ten sections of 36 students taught by five of our teachers. During the Ag Science 1 course, students learn about the opportunities available to them in the coming years. They choose the pathway that they are most interested in and follow the correct sequence.

The counselors are great at fitting kids into their desired classes so they may follow the pathway(s) they have chosen. Students always have the opportunity to change classes during the first few weeks of school to ensure they are in a class that is best for their goals.

1e. Career Awareness

Agriculture Career Awareness information is included in every course. Each class has a career unit incorporated into the curriculum. Careers are usually covered at the beginning or end of the school year, based upon the material and instructor preference.

1f. Computer Hardware and Software

- 2 Student Computer Stations
- 2 36-Student Laptop Carts
- Students are 1 to 1 with Individual Tablets
- 2 Smart Boards
- 6 LCD Projectors
- 5 Document Cameras
- 1 Xerox Machine
- 4 36-Student Calculator Class Sets
- 1 Drone for Video Production
- 3 Black and White Laser Printers
- 3 Color Laser Printers
- iCEV Agriculture Curriculum Kits

1g. Computer Aided Instruction

- Computerized Record Book (AET)
- Job Resume
- Portfolio Letter of Introduction
- Agriculture/FFA Speech
- Job Cover Letter
- Labs and Reports
- Research Papers
- Canvas (Online Grading System)
- Use of internet to teach class
- Student presentations using PowerPoint or Google Slides
- Quizlet
- Kahoot

ih. Record Keeping

Record keeping is taught in all agricultural classes and record books are a required component in every class in the agriculture department. Five percent of the students' grade is based off of their SAE project that must be entered into their online record book accurately with all of the required components. Another 5% of the students' grade comes from FFA Activities throughout the semester that must also be recorded in their online record book in the correct journal. It depends on the instructor, but most students get in-class time to update their record book monthly to ensure they are staying up to date.

ii. Maintaining Record Books

Since the record books are now online, all records will be maintained through AET. By keeping our roster up to date each year, all student records are maintained and saved.

2. Leadership and Citizenship Development

2a. FFA Chapter

Santa Maria- Pioneer Valley FFA Chapter number is 0522, which is part of the California State FFA Association and National FFA Organization. The charter was received in 2004.

2b. FFA Program of Work

The Pioneer Valley Program of Work is completed by the leadership advisor, Gabriel Ponce and the Chapter Reporter by October 15th annually. Inserted you will find the 2019-2020 Program of Work.

2c. Leadership Grade

The leadership grade changes a little each year. The entire group discusses possibilities, weighs the options and votes once their ideas have been agreed upon by Mr. Ponce, the leadership teacher.

Due to the fact that we as a department want our students to be as involved as possible, there are items that are "Fail Items" --meaning if they don't compete in these two activities, they will fail the course. For the Fall semester they must compete in the Opening and Closing Competition at the Chapter and Sectional level. During the Spring semester they must compete in the Sectional Speaking Competition.

The class voted this year committee involvement is worth 10% of their grade so they must either be a committee chair or an active member of a committee throughout the course of the entire school year.

Conferences and judging teams are highly recommended for students in the leadership class, but not a part of their grade. Finances play a part in both conference and judging team participation and we don't want students' grades to be affected for this reason.

Lastly, students are graded based on classroom assignments. They create lessons, present workshops and presentations and participate in FFA activities to receive the last portion of their grade.

2d. FFA Affiliation

Any and all students enrolled in an agriculture education course are affiliated with the FFA. In addition, all graduates pursuing their American Degree are also affiliated. This affiliation shows each year on the R-2 roster. It is due October 15th each year and is submitted electronically.

Supporting Document 22 is the current R-2

2e. FFA Activities

Based on previous years' records, the department participated in a minimum of 12 activities as listed on the FFA activities check sheet.

Pioneer Valley FFA participated and plan to participate in the following events during the 2019-2020 school year:

Sectional Activities	Opening and Closing Contest BIG Creed Job Interview Impromptu Prepared Extemporaneous Novice and Advanced Parliamentary Procedure Proficiency Awards Santa Maria Joint Unified FFA Meeting
Regional Activities	Fall Meeting Spring Meeting Regional Officers Creed Job Interview Impromptu Prepared Extemporaneous Novice and Advanced Parliamentary Procedure Proficiency Awards
State Activities	State FFA Leadership Conference 2 Delegates at State Conference Made for Excellence Advanced Leadership Academy Sacramento Leadership Experience Creed Job Interview Impromptu Prepared Extemporaneous

	Novice and Advanced Parliamentary Procedure Proficiency Awards State Degree Recipients
National Activities	National FFA Convention 2 Delegates at National FFA Convention
Fall/Winter CDE Teams	Citrus Judging Grapevine Pruning
Spring CDE/LDE Teams	BIG Land Judging Livestock Judging Marketing Plan Vegetable Crops Judging Parliamentary Procedure

2f. Student Leadership Participation

A minimum of 80% of students participated in at least three leadership development activities annually as verified by department records.

More than 80% of students participate in at least 3 activities per year as verified by our department points system, as well as the meeting manager on AET. Students were given their laminated attendance card printed from AET and each activity we have they bring their card with them and they get scanned in or if they have forgotten their card the leadership student running the scanning station can look them up via their student identification number and can mark them present that way. All activities for the year are in the calendar on AET as well so students have access to the dates. Lastly, a list of activities from August until June was posted in Canvas that they can print or refer to as needed.

3. Practical Application of Occupational Skills

3a. SAE Grading Criteria

New this year, the agriculture department has a policy regarding Supervised Agricultural Experience projects being included in each student's grade. Each project is equated to five percent of each student's total score in the class. While every student enrolled in an agriculture class is a part of the FFA, it is difficult at times to get every student excited about an SAE project. A large portion of students at Pioneer Valley do not have the means for a large project due to finances, space, or time. Due to this fact, some students work in the fields during the summer with family members to earn their hours, work at our school garden after school, help the Special Education Department with their on campus garden, or help the agriculture instructors with various tasks if need be. Not all students have an SAE project and therefore forfeit 5% of their grade. As a department one of our goals is to maximize the participation in SAE projects up and we are hopeful for the future.

3b. First Year Students' SAE Projects

All first year students have projects. In the introductory Agriculture Science course an FFA Unit is taught during which they learn all about SAEs; what they are, what the different types are, examples of interesting ones and more. Students do research on agexplorer.com and come up with a plan during the first half of the first semester. The second half of the first semester students are expected to complete a minimum of 10 hours on their project. Most projects for first year students are foundational and allow them to explore their opportunities.

The second semester of their first year they are expected to add extensively to their current project with 10 more legitimate hours or find a more advanced project to pursue. There is a pumpkin patch in our community called The Patch that is run by the city from August until Halloween and a large group of our students volunteer their time there to earn their SAE project hours.

3c. Continuing Students' SAE Participation

In the past at Pioneer Valley High School, a large majority of SAE projects were livestock projects for the Santa Barbara County Fair and students without livestock projects flew under the radar. This year however, with two new agriculture teachers, myself and Mrs. Marcie Guerra, there has been a shift. All students are required to

have an SAE project both semesters of their agriculture class and keep record of it in AET.

Some of the classes have started small and the teacher has given them a plant to grow at home or in the greenhouse at school. A significant number of our older students work in the fields in the Santa Maria Valley during the summer time, winter break or on weekends and use this as their SAE project. Each year, the number of students receiving their State Degree has gone up. This year we had 33 students earn their State Degree which is a big deal for our chapter. I am hopeful that with the implementation of a required SAE and AET, that more and more of our students will continue to actively engage in SAE projects and learn so much along the way. We will continue to track the projects and students participating on AET.

3d. SAE Visitation

SAE Visits are made throughout the year as needed. Most visits are made during the spring and summer months and are related to livestock projects for the Santa Barbara County Fair.

Home visits are made with the student present and the parent is asked to be present as well but this does not always occur. Recommendations are given to the student, records are taken and dates for future visits are discussed.

3e. School Vehicles

We have five vehicles and four trailers. The vehicles are: a 2005 Dodge Dually truck, a 2005 Chevrolet Van (9 passenger), a 2014 Chevrolet Suburban (8 passenger), a 2016 Chevrolet Suburban (8 passenger) and a Diesel Duramax four door Chevrolet truck. As far as the stock trailers go, one is a 16 foot aluminum bumper pull Exxiss and the other is a 20 foot aluminium Logan gooseneck on a steel frame. We have also just acquired a Big Tex 16 foot flatbed trailer and a Pace Cargo trailer. All of these vehicles and trailers are used for agriculture department business, are available for all advisors to use, and are in great shape and condition. All vehicles are taken to the District Office for maintenance on an annual basis and are well taken care of.

The department chairs, Hector Guerra and Gabriel Ponce, have the keys to these vehicles. If you, as the instructor, need to use a vehicle you write an email to both Gabe and Hector with the dates and times a week prior to the date and they will respond as to whether or not the vehicles are available. Due to the fact that we have six teachers in our department we must plan ahead.

There are two forms of fuel fill up for these vehicles. If you are in town you use the fill up station located at the district office and fill out the necessary information dependent on the vehicle you are driving. The department members are issued a gas card to use if out of town. Receipts with names and dates are turned into the district office.

If a private vehicle is used, the teachers may be reimbursed for miles and gas provided that the correct form is filled out and submitted to the district in the allotted time.

4. Qualified and Competent Personnel

4a. Appropriate Credentials

- Gabriel Ponce- Clear Single Subject Credential in Agriculture and Clear Ag Specialist Credential
- Hector Guerra-Clear Single Subject Credential in Agriculture and Clear Ag Specialist Credential
- Marcie Guerra- Clear Single Subject Credential in Agriculture and Clear Ag Specialist Credential
- Natalie Baldwin- Clear Single Subject Credential in Agriculture and Clear Ag Specialist Credential
- Scott Wonnell- Clear Single Subject Credential in Agriculture and Clear Ag Specialist Credential
- Tyler Dickinson- Preliminary Single Subject Credential in Agriculture and Preliminary Ag Specialist Credential (He still needs to complete the Induction Program)

4b. Professional Development Activities

All staff are expected to attend the following events this year: 2 sectional meetings, 2 regional meetings, road show, and CATA summer conference. I attended New Professionals as well.

4c. Department Meeting Schedule

The agriculture staff meets a minimum of twice a month during collaboration time on Monday afternoons when school ends an hour early to discuss upcoming events and department goals.

There is also a PLC calendar which pulls our agriculture staff in different directions to meet with different members of the staff at Pioneer Valley High School. Natalie Baldwin meets with the chemistry department, Tyler Dickinson and Scott Wonnell meet with the biology department, Gabe Ponce and Hector Guerra meet with the department heads and Gabe Ponce, Tyler Dickinson, Hector Guerra and Scott Wonnell meet with the special education department in regards to the collaboration classes they teach.

4d. Department Meeting Minutes

One of our department heads (Gabe Ponce or Hector Guerra) takes minutes during our department meetings. They are typed up, emailed out to all department members for review and then stored in the G drive on our classroom computers for future reference.

4e. Teacher's Reimbursement

The reimbursement process for Pioneer Valley Agriculture Department varies based upon the account that the reimbursement will come out of. For the FFA account, paperwork must be submitted to the Business Office and approved ahead of time for a given amount. Once the money has been spent, receipt(s) are turned into the Business Office and a check will be cut to the recipient. If the money is coming from the Boosters account, a request for reimbursement form must be filled out, receipt(s) must be attached to the form and the Booster Treasurer will ensure there are sufficient funds in the account and if so a check will be cut to the given recipient. If the reimbursement is coming from department funds, receipts are given to Hector Guerra, department head in charge of finances, and he handles the paperwork and reimbursement.

5. Facilities, Equipment, and Materials

5a. Special Population Modification

Modification of facilities and equipment has occurred when necessary, based on the needs of the students, including special populations.

Pioneer Valley opened its doors in 2004 and is therefore more modern than the other high schools in our district. The campus has been added to since then. At this time, the ag classrooms are located near each other except for Tyler Dickinson's classroom which is located in the science department wing on campus. I teach in the science classroom that has the connecting shared science lab behind it with access from my classroom or the back doors. Hector's classroom next door to mine, as well as Scott Wonnell's classroom on the other side. Both have connecting shops where my lab is located. We have a greenhouse, shade house, garden and vineyard all within walking distance from all of the classrooms. We are working to renovate a small livestock area that is located near the greenhouse as well.

Due to the fact that there are close to 3,000 students on campus and we have no additional room to expand, we have to be creative with the space we have. The agriculture department continues to grow and administration at our site as well as at the district office are extremely supportive and ensure that our needs are met to provide a great learning environment for all students.

5b. Adequate Storage

All agriculture classrooms contain large cabinets for storage of materials with locks. Only agriculture instructors have keys to these locks. The shared lab behind my classroom has ample storage, half of which lock and half of which does not. The storage has been organized based on supplies and which classes they are used for (mostly biology and chemistry). The chemicals are stored in locked chemical storage containers in the storage room that also contains an industrial refrigerator and freezer for perishables.

The greenhouse and shade house have areas where the horticulture supplies are stored and kept out of the elements. There are also three storage sheds, two of which are C-trains and one a wooden shed. The storage is for lab and class supplies as well as SAE storage. The wooden shed is used for the FFA leadership class. One C-trains is

used for the agricultural mechanics classes and the other is used for the ornamental horticulture supplies.

5c. Laboratory Facilities

Room 206 is the agriculture lab. This classroom and lab are broken up by a wall, the front portion contains the classroom where the lectures take place. The lab consists of two standup lab counters that can accommodate thirty students at one time. The lab counters have storage under them, both pull out drawers and cabinets for lab consumables and equipment. The lab is well equipped with labware, chemicals, rocks, minerals and microscopes, among state of the art equipment. In the northern corner of the room there is a smaller room that houses all the chemicals and the fire cabinet, as well as a refrigerator that is used for any perishables. The lab is also equipped with a safety shower and eyewash station located right outside the back door of the lab.

5d. Email

The agriculture department has e-mail capabilities.

All of the teachers at Pioneer Valley High School are provided email addresses when their contracts are signed through the school district and all instructors implement usage of email on a daily basis.

5e. Facilities Maintenance

Broken or damaged materials are fixed by the facilities planning and maintenance department. When something needs maintenance teachers put in a work request via the online system used outlining the issue and what needs to be done.

Items are generally repaired quickly.

6. Community, Business, and Industry Involvement

6a. Advisory Committee Membership

- Mike Leedom- Plantel Nurseries
- Becca Chavez- Santa Maria Seed
- Frank Velasquez- Valley Crop (president)
- Ted Ponce- Sundance Berry
- Micaela Ponce- SM Tax Services
- Tammi Dickinson - DeBernardi Bros.
- Orlando Velazquez- Betteravia Farms

6b. Advisory Committee Minutes

The Agriculture Advisory Committee meets at least twice each year, once during each semester. The minutes are emailed out to the entire committee as well as the agriculture instructors after each meeting.

6c. Advisory Committee Assistance

The FFA Advisory Committee assists the Agriculture Department with curriculum review, to oversee the department's five-year plan for equipment acquisition, and to give advice in leadership development. The committee participates in fundraisers and assists in job placement opportunities and career development. These committee members share current trends in the agricultural profession. The advisory committee also helps secure training stations and assists in the placement of program graduates. We are constantly looking for new sites and they help with the development of student placement programs. They assist and counsel students preparing to enter the job market and identify places for internships and cooperative work experiences.

Lastly, our advisory committee also helps with the availability of guest speakers in the classroom or meeting setting. They also serve as judges for local awards and contests. Their expertise can help plan special events such as National FFA Week, competitive events, banquets and other social activities. With their knowledge of the program they can help in the development of plans for recognizing outstanding students.

7. Career Guidance

7a. Student Career Counseling

Students at Pioneer Valley High School are counseled regarding:

- Career opportunities in Agriculture and Agribusiness
- Agriculture and academic courses necessary to complete the career pathway, as well as graduate or graduate as an A-G completer.
- Post-Secondary education and training options

Counselors meet or exceed expectations toward educating students for their future career choices and provide an immense amount of information at one-on-one meetings and workshops in classes for students. Our freshmen students take a course articulated with Allan Hancock College geared toward career readiness. Most of our agriculture classes include a career unit, in which we discuss types of careers and their education requirements.

7b. Student Data Sheets

All students have completed a career plan (student data sheet) and it is updated annually.

With the R-2 system, students are able to complete a formal career plan with the agriculture department. In addition, informal conversations happen in and out of class, where agriculture teachers offer advice on college and career choice based upon student interest.

7c. Articulation Agreement

Currently there are five classes articulated with Allan Hancock College. These classes include: Agricultural Econ, Animal Science, Advanced Agricultural Mechanics, Advanced Ag Leadership and Advanced Ornamental Horticulture,

We also have set up a program for which students' hours involved with CDEs such as judging teams, livestock projects, and work at the Patch will count towards credit at Allan Hancock College as well. Sixty hours will equal 1 AHC unit if the students do all paperwork and requirements necessary.

8. Program Promotion

8a. Recruitment Brochure

Our recruitment brochure is attached in Supporting Documents.

Along with our brochure, during Back To School Night, we have an FFA booth, where students and their families can meet the agriculture teachers, FFA officers, and members of the leadership team. This is a great way for students and parents to learn more about the program and what is offered. We also offer laptops for parents to sign in, for better communication between their child's teacher and themselves. Brochures are handed out along with our activity list for the year with all the dates so parents can stay informed. A large majority of our parents speak only Spanish so it is extremely important that they feel included at events like these. To bridge that gap we provide interpreters, some of which are our own students.

8b. Financial Alternatives

Students have alternate means of overcoming financial barriers to participate in program activities. (Includes FFA, SAE, and Leadership Activities)

A high percentage of students at Pioneer Valley High School come from underrepresented populations that struggle financially. This being said, the agriculture department goes the extra mile and makes every provision for students who are not able to afford the cost of events. For FFA and leadership activities, we offer payment plans, scholarships, and ways for students to work off debt. The Santa Barbara County Farm Bureau Federation puts on a Blue Jacket Bonanza Dinner and Auction every year and the funds raised at this event go into a scholarship fund for students that cannot afford an FFA jacket or cannot afford registration for conferences and such. Students fill out an application and a high percentage are chosen for these great rewards. For larger SAE projects, such as livestock projects, we recommend students go to the local banks who offer agricultural loans. It is important to us, as a staff, to offer every student opportunities regardless of their financial situation.

8c. Recruitment Activities

Recruitment Activities each year include: Elective Exploration Day, Junior High Articulation, Elementary School Presentations, Counselor Presentations, and Future Panther Night

Elective Exploration Day is an event that takes place in January. The agriculture department, along with all other departments that offer elective classes, set up a display that shows students at Pioneer Valley what they will have the opportunity to be a part of if they choose to take these classes, including examples of different projects. This year we had three of our teachers in attendance, along with a handful of students and examples of projects from the agricultural mechanics classes.

Tyler Dickinson and Hector Guerra attend junior high articulation meetings throughout the school year to work with junior high teachers to ensure they are learning what they need to in order to be successful in our classes in the coming years.

Agriculture students design and implement lessons that are then put into action during our elementary school presentations. We do our best to get the younger students excited about agriculture and hopefully see those same kids in our classes years down the road.

Our counselors do presentations at the junior highs, as well as in classes at our school. Before these presentations are done, we meet with the counselors to ensure they are passing on the correct information, as well as discussing pathways and all of the additional opportunities available for students if they choose to be a part of the agriculture department.

Lastly, we have Future Panther Night which takes place at the beginning of May. All junior high students and their families are invited to explore their options. We set up a booth to display all the great opportunities the agriculture department has to offer--from SAE projects, to public speaking, to labs in our classes, to conferences and more. All teachers are in attendance as well as students from our leadership class to talk to prospective students and their families.

9. Program Accountability and Planning

9a. Comprehensive Program Plan

Pioneer Valley FFA has a comprehensive program plan on file from 2017 with the Regional Supervisor as well as in the department files. We are planning to update the plan in the near future.

9b. Updates

Updates of the program plan are sent to the Regional Supervisor by November 15th. These updates include: 1. Five-year Equipment Acquisition Schedule, 2. Chart of Responsibilities, 3. FFA Program of Work, 4. Advisory Committee Roster, and 5. Advisory Committee Minutes.

The updates are sent to the Regional Supervisor every year as required.

9c. Follow-up System

A follow up system is used which gathers the following information from program completers:

- Status of employment or school enrolled within
- Opinion regarding the value and relevance of the agriculture program
- Suggestions for improving the agriculture program

In the past, we send the graduates and program completers a paper survey in the mail and have them mail it back or send a picture of it to one of the agriculture teachers. This year, Mrs. Marcie Guerra, who teaches most of the seniors in her Agriculture Government and Econ course and her Agriculture Business course, is going to create a Google Survey for our graduates and program completers to take right before graduation. We will also send this survey out to all recent graduates. The form includes the information listed above. The survey allows us to update graduate information efficiently when completing the R-2.

9d. Graduate Data

The graduate follow up data collected is entered with the online R-2/FFA Roster data entry by October 15th.

The data collected from both the Google Survey and the paper survey is entered in with our R-2 data yearly.

9e. Retention

Retention rate is analyzed using the R-2 Student Report found on calaged.org. The report states that our freshman retention rate is 28.85 %; however, our retention rate is actually much stronger. One of the reasons the number is low in our R-2 is because not all of our students enter the correct data into their AET record book annually. We are working with the current freshmen to assist them in their data entry skills to rectify the inconsistencies in our retention rate.

Students are kept in the program through a variety of ways:

- UC/CSU approved curriculum
- Dual enrollment with Allan Hancock College
- Hands on experiential learning
- Strong counselor and administration support
- Special FFA activities that the chapter provides students

10. Student-Teacher Ratio

10a. Class Size

The Pioneer Valley Department classes are above the maximum permitted students due to an increase in all classes throughout the campus. There are close to 3,000 students total on campus. All science classes have a maximum of 36 students per period and shop classes max out at 25 students per period.

10b. Student/Teacher Ratio

- Gabriel Ponce's Student/Teacher Ratio is 183:1
- Natalie Baldwin's Student/Teacher Ratio is 162:1
- Tyler Dickinson's Student/Teacher Ratio is 168:1
- Hector Guerra's Student/Teacher Ratio is 137:1
- Marcie Guerra's Student/Teacher Ratio is 163:1
- Scott Wonnell's Student/Teacher Ratio is 47:1
- Department Student/Teacher Ratio is 860:5.5

Some of these students are in multiple classes and overlap so our total number is lower than 860 students.

Gabriel Ponce's per class ratios for teacher to student are:

- Period 1- Ag Leadership, 1:28
- Period 2- Ag Science 1, 1:36
- Period 3- Ag Science 1, 1:36
- Period 4- Animal Science, 1:27
- Period 5- Vet Science, 1:20
- Period 6-Ag Science 1, 1:36

Hector Guerra's per class ratios for teacher to student are:

- Period 2-Introduction to Ag Mechanics, 1:21
- Period 3-Introduction to Ag Mechanics, 1:21
- Period 4-Ornamental Horticulture, 1:27
- Period 5- Panther Pack, 1:15
- Period 6- Advanced Ag Mechanics, 1:31
- Period 7- Ag Biology, 1: 23

Marcie Guerra's per class ratios for teacher to student are:

- Period 3 - Ag Science 1, 1:29
- Period 4 - Ag Business, 1:30
- Period 5 - Ag Econ, 1:33
- Period 6 - Ag Science 1, 1:35
- Period 7 - Ag Science 1, 1:36

Natalie Baldwin per class ratios for teacher to student are:

- Period 2- Ag Science 1, 1:35
- Period 4- Ag Science 1:34
- Period 5 Ag Chem, 1:35
- Period 6- Ag Chem, 1:33
- Period 7- Ag Chem, 1:25

Tyler Dickinson per class ratios for teacher to student are:

- Period 1 - Ag Bio, 1: 27
- Period 2 - Ag Bio, 1: 36
- Period 3 - Ag Bio, 1: 36
- Period 5 - Ag Science (Co-teaching), 2: 34 - 1 Instructional Aide
- Period 6 - Ag Bio, 1: 35 - 1 Instructional Aide

Scott Wonnell's per class ratios for teacher to student are:

- Period 1- Ag Science, 1:22
- Period 3- Ag Bio, 1:25

11. Full Year Employment

11a. Extended Contract

Currently, we do not have an official "extended contract;" however, the district provides compensation for the extended time agriculture teachers spend outside of the classroom. Teachers also receive stipends throughout the year for coaching CDE teams. The total amounts to an extra 10% of the teacher's annual salary.

11b. Supervision Period

None of the teachers at Pioneer Valley High School receive a supervision period. There are 7- 50 minute class periods throughout the day. Full time teachers teach five of these periods and the other two are used as preparation periods unless a specific teacher is required to teach an extra class. If this occurs then they are compensated for that extra class. All supervision of projects is done after school or on weekends.

12. Program Achievement

12a. 2019-2020 Program Achievement

The Pioneer Valley Agriculture Program continues to thrive and be successful year after year, and this year is no different. The program grew so much that an additional position was opened and I was able to join the team. Our attendance at monthly meetings is high; we have between 200-250 students at each meeting. We have seen an increase in students participating in public speaking events, as well as CDE judging team participation. Our Citrus Judging Team competed at many competitions this winter and claimed the State Title.

In terms of public speaking, our chapter won the Officer and Open divisions at our sectional opening and closing competition and came in second place in the Novice division. We have students in multiple leadership positions on both the sectional and regional level. Three of our members are sectional officers and four of our members are regional officers. Four of our members were chosen to attend the Sacramento Leadership Experience in Sacramento and gained a wealth of knowledge from this. We had 33 students compete at the Santa Barbara Sectional Speaking Competition in February and 18 of those students did well enough to move on to the Regional Speaking Competition in March. We also had six students run for Regional Office and three were slated for a position.

Our students are amazing. They are driven, goal oriented and self motivated. I cannot wait to see what else they achieve in the years to come.

Section 3

Supporting Completion Materials



Index of Supporting Materials

1. Student Data Sheets
2. Permanent Agriculture Student Files
3. Course Outlines
4. Grade Book
5. Home and Project Visit Forms
6. School Board Policy on SAE
7. School Board Policy on FFA
8. FFA Program of Activities
9. Recruitment Program
10. FFA Chapter Scrapbook
11. Summer Activities Calendar
12. Graduate Follow Up Survey
13. Graduate Follow Up Survey Results
14. Comprehensive Program Plan
15. Advisory Committee Agendas
16. Advisory Committee Minutes
17. Advisory Committee Constitution and Bylaws
18. Proficiency Standards
19. Credentials
20. Department Calendar
21. Professional Development Activities
22. R-2 Report
23. Travel Request Form
24. CATA Membership
25. Professional Development Report
26. Five Year Requisition
27. Current Operating Budget
28. District/Department Budgeting Process
29. Department Chairpersons Responsibilities
30. Chart of Responsibilities
31. Substitute Teacher Procedures and Plans
32. Program Completer Description
33. Articulation Agreements
34. Reimbursement Process

1. Student Data Sheets

Chapter Account

Inbox

Calendar

Portfolio

Scoreboard

Sign Off

Cash/Checking: \$10,745

Current Projects: \$5,022

Mon Current: \$0

Liabilities: \$0

Student Help

Teacher Help

AET Classroom

Ask AET a Question

My FFA Chapter

Santa Maria - Pioneer Valley

731 Members

6 Advisors

6 AET Log-ins this week

Privacy Settings

Chapter Scoreboard Privacy:

Hide name in chapter scoreboard?

☐ Yes ☒ No

Mobile Device Setup

Visit m.theAET.com on your mobile device. You can make recordbook entries, upload SAE photos, and more!

Authorized Mobile Devices:

There are 1 authorized devices

Downloaded All Mobile Devices

Account Information and Settings



Sebastian

Pronounced: Se-kash-chen

Chapter: Santa Maria - Pioneer Valley

FFA Member Number: 602446424

Profile Complete for FFA Membership: 100%

Personal and Parent Contact Info: 80%

Emergency Info and Permission Forms:

Password:

Profile Pic:

Demographics

HS Graduation:

June 2020

Shirt Size:

M

Gender:

Male

Race:

Hispanic

Ethnicity:

Hispanic

Residence:

City

Mailing Address

Address:

City, State, Zip:

Contact Information

Email:

Home Phone:

Cell Phone:

Parents/Guardians

Father / Parent / Guardian:

Name:

Enrique Pinon

Occupation:

(805)260-1833

Phone Number:

Email:

Mother / Parent / Guardian:

Name:


Florinda Pinon


Occupation:

Phone Number:

Email:


Account Information and Settings


Chapter Account Inbox Calendar Portfolio Scoreboard Sign Off Cash/Checking: \$2,026 Current/Projects: \$0 Non-Current: \$0 Libilities: \$0 Student Help Teacher Help AET Classroom Ask AET a Question	My FFA Chapter  Santa Maria - Pioneer Valley 733 Members 6 Advisors 6 AET Log-Ins this week	Privacy Settings Chapter Scoreboard Privacy: Hide name in chapter scoreboard? <input type="radio"/> Yes <input checked="" type="radio"/> No	Mobile Device Setup Visit m.aetlogin.com on your mobile device. You can make scoreboard entries, upload SAE photos, and more! Authorized Mobile Devices: There are 2 authorized devices <small>Deauthorizes All Mobile Devices</small>
---	--	---	--

Rebecca  Chapter: Santa Maria - Pioneer Valley FFA Member Number: 602756136 Profile Complete for FFA Membership: 100% Personal and Parent Contact Info: 0% Emergency Info and Permission Forms: 0%	Demographics HS Graduation: June 2020 Shirt Size: Gender: Female Race: No Answer Ethnicity: No Answer Residence:
--	---

Mailing Address Address: City, State, Zip:	Contact Information Email: Home Phone: Cell Phone:
---	--

Parents/Guardians Father / Parent / Guardian: Name: Occupation: Phone Number: Email: Mother / Parent / Guardian: Name: Occupation: Phone Number: Email:
--

Chapter Account Inbox Calendar Portfolio Scoreboard Sign Off Cash/Checking: \$3,992 Current/Projects: \$0 Non-Current: \$0 Liabilities: \$0	My FFA Chapter  Santa Maria - Pioneer Valley 733 Members 6 Advisors 6 AET Long-Term this week
Privacy Settings Chapter Scoreboard Privacy: Hide name in chapter scoreboard? <input type="radio"/> Yes <input checked="" type="radio"/> No	Mobile Device Setup Visit mySAE100m on your mobile device. You can make recordbook entries, upload SAE photos, and more! Authorized Mobile Devices: There are 0 authorized devices Download All Mobile Devices

Account Information and Settings  Paola Zarate Chapter: Santa Maria - Pioneer Valley FFA Member Number: 802448564 Profile Complete for FFA Membership: 100% Personal and Parent Contact Info: 20% Emergency Info and Permission Forms: <input type="checkbox"/>	Demographics HS Graduation: June 2020 Shift Size: S Gender: Female Race: Hispanic Ethnicity: Hispanic Residence: City
Mailing Address Address: City, State, Zip:	Contact Information Email: Home Phone: Cell Phone:
Parents/Guardians Father / Parent / Guardian: Name: Occupation: Phone Number: Email: Mother / Parent / Guardian: Name: Occupation: Phone Number: Email:	<input type="button" value="Save"/>

Account Information and Settings

Chapter Account

Index

Calendar

Portfolio

Scoreboard

Sign Off

Cash/Checking: \$2,522

Current/Projects: \$0

New Current: \$0

Liabilities: \$0

Student Help

Teacher Help

AET Classroom

Ask AET a Question

My FFA Chapter



Santa Maria - Pioneer Valley

723 Members

6 Advisors

6 AET Log-Ins this week

Privacy Settings

Chapter Scoreboard Privacy:

Hide name in chapter scoreboard?

Yes ☐ No ☐

Mobile Device Setup

Visit m.theAET.com on your mobile device. You can make notebook entries, upload SAE photos, and more!

Authorized Mobile Devices:

There are 2 authorized devices

Displaying All User Devices



Miguel F

Chapter: Santa Maria - Pioneer Valley

FFA Member Number: 602442946

Profile Complete for FFA Membership: 100% 

Personal and Parent Contact Info: 40% 

Emergency Info and Permission Forms: 

Password:

Next 

Profile Pic:

Demographics

HS Graduation: June 2020

Shirt Size: 

Gender: Male

Race: No Answer

Ethnicity: No Answer

Residence: 

Mailing Address

Address: 

City, State, Zip: 

Contact Information

Email: 

Home Phone: 

Cell Phone: 

Parents/Guardians

Father / Parent / Guardian: 

Name: 

Occupation: 

Phone Number: 

Email: 

Mother / Parent / Guardian: 

Name: 

Occupation: 

Phone Number: 

Email: 

Account Information and Settings

My FFA Chapter


Santa Maria - Pioneer Valley
733 Members
6 Advisors
6 AET Log-ins this week

- Chapter Account
 - Inbox
 - Calendar
 - Portfolio
 - Scoreboard
 - Sign Off
- Cash/Checking \$690
 - Current/Projects: \$0
 - Non-Current: \$0
 - Liabilities: \$0
- Student Help
 - Teacher Help
 - AET Classroom
 - Ask AET a Question

Privacy Settings

Chapter Scoreboard Privacy:
Hide name in chapter scoreboard?
☐ Yes ☒ No

Mobile Device Setup

Visit m.theAET.com on your mobile device. You can make recordbook entries, upload SAE photos, and more!

Authorized Mobile Devices:
There are 3 authorized devices

Deauthorize All Mobile Devices



Jose

Chapter: Santa Maria - Pioneer Valley
FFA Member Number: 602756371
Profile Complete for FFA Membership: 100%
Personal and Parent Contact Info: 20%
Emergency Info and Permission Forms: 100%

Password: Reset
Profile Pic:

Demographics

HS Graduation: June 2020
Shirt Size:
Gender: Male
Race: No Answer
Ethnicity: No Answer
Residence:

Mailing Address

Address:
City, State, Zip:





Contact Information

Email:
Home Phone:
Cell Phone:

Parents/Guardians

Father / Parent / Guardian:
Name:
Occupation:
Phone Number:
Email:
Mother / Parent / Guardian:
Name:
Occupation:
Phone Number:
Email:

Account Information and Settings

Chapter Account Inbox Calendar Portfolio Scoreboard Sign Off Cash/Checking: \$3,819 Current/Projects: \$365 Non-Current: \$0 Libilities: \$0 Student Help Teacher Help AET Classroom Ask AET a Question	My FFA Chapter  Santa Maria - Pioneer Valley 723 Members 6 Advisors 6 AET Log-ins this week	Privacy Settings Chapter Scoreboard Privacy: Hide name in chapter scoreboard? <input type="radio"/> Yes <input checked="" type="radio"/> No	Mobile Device Setup Visit myFFAET.com on your mobile device. You can make notebook entries, upload SAE photos, and more! Authorized Mobile Devices: There are 1 authorized devices <small>Deauthorize All Mobile Devices</small>	 Moises Chapter: Santa Maria - Pioneer Valley FFA Member Number: 602446426 Profile Complete for FFA Membership: 100%  Personal and Parent Contact Info: 80% Emergency Info and Permission Forms: 100% 	Demographics HS Graduation: June 2020 Shirt Size: XL Gender: Male Race: Hispanic Ethnicity: Hispanic Residence: City	Mailing Address Address: City, State, Zip:	Contact Information Email: Home Phone: Cell Phone:	Parents/Guardians Father / Parent / Guard Name: Occupation: Phone Number: Email: Mother / Parent / Guardian: Name: Occupation: Phone Number: Email:
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Chapter Account

Inbox

Calendar

Portfolio

Scoreboard

Sign Off

Cash/Checking: \$0

Current/Projects: \$0

Non-Current: \$0

Liabilities: \$0

Student Help

Teacher Help

AET Classroom

Ask AET a Question

My FFA Chapter



Santa Maria - Pioneer Valley
733 Members
6 Advisors
6 AET Log-ins this week

Privacy Settings

Chapter Scoreboard Privacy:

Hide name in chapter scoreboard?

☐ Yes ☒ No

Mobile Device Setup

Visit m.theAET.com on your mobile device. You can make recordbook entries, upload SAE photos, and more!

Authorized Mobile Devices:

There are 0 authorized devices

[Download All Mobile Devices](#)

Account Information and Settings



Lindsey

Chapter: Santa Maria - Pioneer Valley

FFA Member Number:

Profile Complete for FFA Membership: 100%

Personal and Parent Contact Info: 40%

Emergency Info and Permission Forms:

Password:

Profile Pic:

Demographics

HS Graduation:

June 2023

Shirt Size:

-

Gender:

Female

Race:

No Answer

Ethnicity:

No Answer

Residence:

-

Mailing Address

Address:

City, State, Zip:

Contact Information

Email:

Home Phone:

Cell Phone:

Parents/Guardians

Father / Parent / Guardian:

Name:

Occupation:

Phone Number:

Email:

Mother / Parent / Guardian:

Name:

Occupation:

Phone Number:

Email:

Chapter Account

inbox
Calendar
Portfolio
Scoreboard
Sign Out

Cash/Checking: \$0
Current/Projects: \$0
Non-Current: \$0
Liabilities: \$0

Student Help
Teacher Help

AET Classroom

Ask AET a Question

My FFA Chapter



Santa Maria - Pioneer Valley
733 Members
6 Advisors
6 AET Log-ins this week

Privacy Settings

Chapter Scoreboard Privacy:

Hide name in chapter scoreboard?

☐ Yes ☒ No

Mobile Device Setup

Visit m.theAET.com on your mobile device. You can make recordbook entries, upload SAE photos, and more!

Authorized Mobile Devices:

There are 0 authorized devices

[Deauthorize All Mobile Devices](#)

Account Information and Settings



Jose

Chapter: Santa Maria - Pioneer Valley

FFA Member Number:

Profile Complete for FFA Membership: 100%

Personal and Parent Contact Info: 20%

Emergency Info and Permission Forms:

Password:

Profile Pic:

Demographics

HS Graduation:

June 2023

Student Status:

Male

Gender:

No Answer

Race:

No Answer

Ethnicity:

No Answer

Religion:

No Answer

Mailing Address

Address:

City, State, Zip:

Contact Information

Email:

Home Phone:

Cell Phone:

Parents/Guardians

Father / Parent / Guardian:

Name:

Occupation:

Phone Number:

Email:

Mother / Parent / Guardian:

Name:

Occupation:

Phone Number:

Email:

Chapter Account

inbox

Calendar

Portfolio

Scoreboard

Sign Off

Cash/Checking: \$132

Current/Projects: \$388

Non-Current: \$0

Liabilities: \$0

Student Help

Teacher Help

AET Classroom

Ask AET a Question

My FFA Chapter



Santa Maria - Pioneer Valley
733 Members
6 Advisors
6 AET Log-ins this week

Privacy Settings

Chapter Scoreboard Privacy:
Hide name in chapter scoreboard?

☐ Yes ☒ No

Mobile Device Setup

Visit myAET.com on your mobile device.
You can make recordbook entries, upload
SAE photos, and more!

Authorized Mobile Devices:
There are 8 authorized devices

Deauthorize All Mobile Devices

Account Information and Settings



Hannah

Chapter: Santa Maria - Pioneer Valley
FFA Member Number: 602755446
Profile Complete for FFA Membership: 100% 
Personal and Parent Contact Info: 40%
Emergency Info and Permission Forms: 

Demographics

HS Graduation: June 2021

Shirt Size:

+>-

Gender: Female

Race: No Answer

Ethnicity: No Answer

Residence:

+>-

Mailing Address

Address:

+>-

City, State, Zip:

+>-

Contact Information

Email:

+>-

Home Phone:

+>-

Cell Phone:

+>-

Parents/Guardians

Father / Parent / Guardian: Mario Limon

Name: Mario Limon

Occupation: maintenance worker

Phone Number:

+>-

Email:

+>-

Member / Parent / Guardian: Stacy Limon

Name: Stacy Limon

Occupation: manager

Phone Number:

+>-

Email:

+>-

Account Information and Settings

Chapter Account

[Inbox](#)

[Calendar](#)

[Portfolio](#)

[Scoreboard](#)

[Sign Off](#)

Cash/Checking: \$800

☒ Current/Projects: \$0

Non-Current: \$0

Libraries: \$0


[Student Help](#)

[Teacher Help](#)

[AET Classroom](#)

[Ask AET a Question](#)

My FFA Chapter



Santa Maria - Pioneer Valley

733 Members

6 Advisors

6 AET Log-Ins this week

Privacy Settings

Chapter Scoreboard Privacy:

Hide name in chapter scoreboard?

☐ Yes ☒ No


Mobile Device Setup

Visit myAETLogIn on your mobile device. You can make recordbook entries, upload SAE photos, and more!

Authorized Mobile Devices:

There are 1 authorized devices

[Deauthorize All Mobile Devices](#)



Franchisee ()

Chapter: Santa Maria - Pioneer Valley

FFA Member Number: 602448512

Profile Complete for FFA Membership: **100%**

Personal and Parent Contact Info: **0%**

Emergency Info and Permission Forms:

Emergency Info and Permission Forms:

Chapter:

FFA Member Number:

Profile Complete for FFA Membership:

Personal and Parent Contact Info:

Emergency Info and Permission Forms:

Emergency Info and Permission Forms:

Demographics

HS Graduation: June 2020

Shirt Size: M

Gender: Female

Race: Asian

Ethnicity: Non-Hispanic

Residence:

Mailing Address

Address:

City, State, Zip:

Contact Information

Email:

Home Phone:

Cell Phone:

Parents/Guardians

Father / Parent / Guardian:

Name:

Occupation:

Phone Number:

Email:

Mother / Parent / Guardian:

Name:

Occupation:

Phone Number:

Email:

2. Permanent Agriculture Student Files

Permanent Agriculture Student File System

The Pioneer Valley High School Agriculture Department has been transitioning over to a completely digital permanent student filing system through the Agriculture Experience tracker, like many other departments in the state. The AET is where all student agriculture files remain. This system is all online and is extremely user friendly and convenient once you are comfortable with it. Students can access it via their school tablet, but there is also an application that they can download directly to their phones for easy access. Once students enter data into their record book it will remain there until they are no longer a member of Pioneer Valley FFA. The AET program allows records for finances, hours, and pictures, but there are also other components to it that make it even more important. There is a resume maker, as well as an application system. If students keep accurate and up to date records, the applications for degrees and proficiencies are very simple. Records from over five years ago are also kept within our program but not through the AET. These records are kept in paper record books in a filing cabinet in the lab. The paper books are filed alphabetically by last name and graduation date.

3. Course Outlines

2019-2020 School Year
Instructor: Ms. Baldwin
Pioneer Valley High School
Email:
Phone:
Room

AGRICULTURE CHEMISTRY

Course Description: This UC/CSU laboratory science course is aligned to the Next Generation Science Standards for California Public Schools and is designated to introduce students to collegiate-level principles and concepts of Chemistry across the other sciences. The prerequisite for this course is Biology. Unique to the Agriculture Department, students will have to opportunity to develop and conduct a project based Supervised Agriculture Experience (SAE) project or Agriscience Research Project relating to one of over 60 proficiency areas in science and agriculture. Content is directed and connected to sectors of the agriculture industry when applicable.

The following units are included in the course

Combustion	Atoms, Elements, and Molecules	Chemical Reactions
Heat and Energy in the Earth System	Chemistry of Climate Change	Dynamics of Chemical Reactions and Ocean Acidification

The agriculture department implements a hands-on, learn by doing approach to understanding science. Students will be learning both inside and outside the classroom walls. Our department will be utilizing our laboratory, greenhouse, garden, orchard, and vineyard to conduct experiments and labs.

Grade Breakdown

<u>Assignment</u>	<u>% of Final Grade</u>
Classwork / Labs	40%
Assessments	25%
Projects	25%
SAE/ FFA	10%

Required Materials

- 1-2 inch binder specifically for this class
- Calculator
- Pen and pencils
- Paper
- Chromebook (charged)

These materials MUST be brought to class each day. Failure to do so will result in loss of points.

Rules/Procedures:

Rules that are especially important in our classroom are:

- Do your own work, trust your abilities and the hard work you put in.
- Bring a positive attitude, leave the baggage outside
- I expect your best effort, and ask for your best effort—nothing less, nothing more
- Be respectful and ask permission before leaving the classroom to use restroom, etc.
- Be respectful to our classroom and the agriculture department.
- Be respectful and leave electronic devices in your backpack. There will be times to use them in the class, and I will let you know.
- Be respectful to each member in the class and to Ms. Baldwin
- Be in your seat and prepared to begin when the bell rings.
- Be empathetic and mindful of others in the class.
- Be prepared to not wear open toed shoes to this class.
- Understand all school and district rules will be applied as it relates to being tardy, cuts, and cheating.
- Understand we will clean up after ourselves and leave the facilities CLEAN and ORGANIZED
- Poor lab safety may result in removal from the class, payment for damaged or broken items, or both!

Supervised Agriculture Experience Science Projects (SAE) / FFA—10% of grade

As a member of the agriculture department, students are automatically enrolled in our leadership club, the FFA. Students are heavily encouraged to participate in the many leadership and personal growth activities that are offered to them. Students will be expected to also maintain an accurate record book, have a supervised agricultural experience (S.A.E.) throughout the year, and attend (1) one FFA event each month. Examples of things you can do to get FFA Credits: attend chapter meetings, participate in leadership conferences, public speaking contests, participate in community service projects, assist with fundraisers and much more!

I have read and understand the rules and requirements for this course.

_____	_____	_____
Student Signature	Date	Student Name (Handwritten)
_____	_____	
Parent / Guardian Signature	Date	

2019-2020 School Year
Instructor: Ms. Baldwin
Pioneer Valley High School
Email:
Phone:
Room

AGRICULTURE SCIENCE I

Course Description: Agriculture Science 1 is designed as an introductory course in the agriculture department for first year students. This course is taught in conjunction with the standards set forth by the Department of Education, the Next Generation Science Standards, and is approved as a UC college prep "G" elective. Unique to the Agriculture Department, students will have to opportunity to develop and conduct a project based Supervised Agriculture Experience (SAE) project or Agriscience Research Project relating to one of over 60 proficiency areas in science and agriculture. Participation in the FFA agriculture leadership program is a required component for all students enrolled in this course. Content is directed and connected to sectors of the agriculture industry when applicable.

The following topics will be covered but are not limited to:

FFA	Investigation and Exploration	Matter and Energy
Force and Motion	Astronomy and Cosmology	Earths Energy and Cycles
Plant and Soil Science	Sustainability	Agriculture and the Environment

The agriculture department implements a hands-on, learn by doing approach to understanding science. Students will be learning both inside and outside the classroom walls. Our department will be utilizing our laboratory, greenhouse, garden, orchard, and vineyard to conduct experiments and labs.

Grade Breakdown

<u>Assignment</u>	<u>% of Final Grade</u>
Classwork / Labs	40%
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Projects	25%
SAE/ FFA	10%

Required Materials

- 1-2 inch binder specifically for this class
- Calculator
- Pen and pencils
- Paper
- Chromebook (charged)

These materials MUST be brought to class each day. Failure to do so will result in loss of points.

Rules/Procedures:

Rules that are especially important in our classroom are:

- Do your own work, trust your abilities and the hard work you put in.
- Bring a positive attitude, leave the baggage outside
- I expect your best effort, and ask for your best effort—nothing less, nothing more
- Be respectful and ask permission before leaving the classroom to use restroom, etc.
- Be respectful to our classroom and the agriculture department.
- Be respectful and leave electronic devices in your backpack. There will be times to use them in the class, and I will let you know.
- Be respectful to each member in the class and to Ms. Baldwin
- Be prepared in your seats when the bell rings to begin.
- Be empathetic and mindful of others in the class.
- Be prepared to not wear open toed shoes to this class.
- Understand all school and district rules will be applied as it relates to being tardy, cuts, and cheating.
- Understand we will clean up after ourselves and leave the facilities CLEAN and ORGANIZED
- Poor lab safety may result in removal from the class, payment for damaged or broken items, or both!

Supervised Agriculture Experience Science Projects (SAE) / FFA—10% of grade

As a member of the agriculture department, students are automatically enrolled in our leadership club, the FFA. Students are heavily encouraged to participate in the many leadership and personal growth activities that are offered to them. **Students will be expected to also maintain an accurate record book, have a supervised agricultural experience (S.A.E.) throughout the year, and attend (1) one FFA event each month.** Examples of things you can do to get FFA Credits: Attend Chapter meetings, participate in leadership conferences, public speaking contests, participate in community service projects, assist with fundraisers and much more!

I have read and understand the rules and requirements for this course.

_____	_____	_____
Student Signature	Date	Student Name (Handwritten)

_____	_____
Parent / Guardian Signature	Date

4. Grade Book

	Graphs je 101	Practice Acceleration...	Motion Open Note Qui...	Runner Acceleration Lab	Newton's Law Notes P...	Newton's Stations Pa...	Force Quiz	FFA Credits	SAE Project	Balloon Rocket Lab	SAE Final Poster and...
1	5:2019 :20	11/19/2019 #46 : 10	11/21/2019 #44 : 30	11/22/2019 #45 : 33	12/9/2019 #47 : 15	12/9/2019 #48 : 18	12/9/2019 #49 : 22	12/13/2019 #50 : 100	12/13/2019 #51 : 100	12/13/2019 #52 : 43	12/17/2019 #53 : 100
2	9 29.6 F						5.5	0	0		0
3	9 97.1 A 8	9.5	30	33	15	18	18	100	100	43	100
4	9 49.7 F 7		13		13	14	7	40	0	31	0
5	9 25.7 F 3		5		12	NA	4	0	0		0
6	9 84.0 B 7	7.5	15	22	14	18	17	20	70	38	88
7	9 63.0 D 1	4	7	11	11	12	10	0	0	38	0
8	9 91.6 A 8	4	23.5	30	15	18	18.5	80	100	37	90
9	9 86.5 B 7	5	17	31	15	18	16	40	30	43	86
10	9 75.8 C 5	9	24	23	11	15	22	0	10	33	91
11	9 90.3 A 4	5	16	27	11	17	12.5	100	90	36	75
12	9 90.1 A 6	9.5	19	33	15	18	16	25	85	43	90
13	9 45.9 F 5	4	6	5	11	3	12.5	20	0	26	0
14	9 84.6 B 3	8.5	16	30	14	18	10	105	90	40	95
15	9 87.5 B 8	7	16	29	14	17	20	85	80	35	50

☒ Att Info
 ☐ Comment/Status Info
 ☒ Missing
 ☐ # Correct > Max
 ☒ Max = 0
 ☐ Inactive Student
 ☒ Grading Complete
 ☐ Transfer Grade
 ☒ Category

Period 2 Ag Science

On Graphs page 101		Practice Acceleration		Motion Open Note Quiz		Runner Acceleration Lab		Newton's Law Notes P...		Newton's Stations Pa...		Force Quiz		FFA Credits		SAE Project		Bulloon Rocket Lab		SAE Final Poster and...	
11/5/2019 43 : 20		11/19/2019 #46 : 10		11/21/2019 #44 : 30		11/22/2019 #45 : 33		12/9/2019 #47 : 15		12/9/2019 #48 : 18		12/9/2019 #49 : 22		12/13/2019 #50 : 100		12/13/2019 #51 : 100		12/13/2019 #52 : 43		12/17/2019 #53 : 100	
Name	Grd	Mark																			
1	9	81.8	B-	17	9.5	14	32	15	12	16	80	70	39	62							
2	9	80.1	B-	13	7	15	23	12	18	9.5	20	100	38	89							
3	9	73.7	C	16	9	21	25	12	15	14.5	20	10	39	85							
4	9	64.3	D	17	10	14	25	15	12	11	20	85	37	68							
5	9	41.5	F	15	0	7.5	7	13	5	8	0	10	2	0							
6	9	33.7	F					10	0	15	0	0		0							
7	9	84.9	B	19	5.5	16	22	15	18	13.5	40	20	43	100							
8	9	23.7	F		6.5	23.5	12				60	60		0							
9	9	84.2	B	17	7	23.5	29	15	16	21	60	10	43	64							
10	9	86.3	B	19	8	28	33	14	16	18	60	0	43	94							
11	10	15.3	F			0				7	0	0		0							
12	9	57.3	F	12	9	2	4	11	14	15.5	40	0	2	72							
13	9	77.4	C	11	5	20	26	12	18	16.5	20	60	37	71							
14	9	92.3	A-	19	10	30	29	15	18	18	0	90	43	100							

5 - AG Chem A - Fall Dashboard Scores by Class Assignments Students Reports Manage

Overwrite Not Applicable / Transfer Grades										FFA Activity - SAE Project		Binder Check #2		Final Exam Study Guide			
Show Filters - <input type="checkbox"/> Show Trend										FFA Activity - Credits		12/20/2019 #43 - 100		12/20/2019 #46 - 136		12/20/2019 #47 - 50	
Sorting by Student Name										12/13/2019 #43 - 100		12/20/2019 #45 - 50		12/20/2019 #46 - 136		12/20/2019 #47 - 50	
Name	Grid	Mark	Ionic ng	Compound Lab	Chemical Bonding Pro	Metallic Bonding Pro	Chemical Bonding Quiz	Types of Chemical Re	Transfer Grade	Grading Complete	Inactive Student	# Correct	Max	Comment/Status Info	Alt Info		
1	31	11	68.2	D+	22	25.5	35	24	18	0	95	50	60	44			
2	31	10	50.4	F	NA	25	35		17	20	45	0	0	0			
3	31	10	70.2	C	25	22	50	26	19	40	20	50	82	44			
4	31	11	63.9	D	34	25	38	27	7	0	90	46	42	47			
5	31	11	68.6	D+	22	25.5	38	26	8	0	100	46	66	50			
6	31	10	74.8	C	23	25.5	35	38	20	80	60	37	78	49			
7	31	11	93.1	A	31.5	25.5	43	39	15	120	100	50	102	50			
8	31	10	72.4	C	14	25	35	28	19	0	100	48	86	50			
9	31	10	63.4	D	34	25.5	36	36	9	80	15	42	80	40			
10	31	11	72.6	C	22	21	43	17	20	120	10	42	56	50			
11	31	10	74.5	C	22	25.5	50	36	18	0	10	29	104	7			
12	31	11	64.1	D	30	25.5	38	21	11	0	0	47	80	25			
13	31	11	73.9	C	20.5	16	38	26	13	20	95	48	56	48			
14	31	11	72.3	C	14	25.5	46	24.5	16	40	40	TX	TX	TX			
15	31	11	77.0	C	26	25.5	38	28	17	40	90	50	56	50			

Period 5 Ag Chemistry

☐ Alt Info
 ☐ Comment/Status Info
 ☐ Missing
 ☐ # Correct > Max
 ☐ Max = 0
 ☐ Inactive Student
 ☐ Grading Complete
 ☐ Transfer Grade
 ☐ Category

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Override Not Applicable / Transfer Grades				Show Filters		Show Thread		Sorting by		Name		Grd	%	Mark											
															Ionic ng	Candy Compound Lab	Chemical Bonding Pra	Metallic Bonding Pro	Chemical Bonding Quiz	Types of Chemical Re	FFA Activity Credits	SAE Project	Binder Check #2	Final Exam	Final Exam Study Guide
															2019 #4	11/21/2019 #39 : 34	12/3/2019 #38 : 25.5	12/6/2019 #40 : 50	12/8/2019 #41 : 46	12/12/2019 #44 : 20	12/13/2019 #43 : 100	12/13/2019 #43 : 100	12/20/2019 #45 : 50	12/20/2019 #46 : 136	12/20/2019 #47 : 50
1												31	11	64.0	D	22	20.5	29	28	18	40	80	35	52	10
2												31	11	75.2	C	31	20.5	41	22	16	120	100	48	54	50
3												31	11	64.7	D	34		44	30	17	0	0	48	98	30
4												31	11	88.5	B+	33	19.5	50	39	18	120	100	45	96	50
5												31	10	85.4	B	30	24.5	50	35	18	20	95	48	88	48
6												31	11	49.0	F		25.5	40	22	19	0	0	0	54	0
7												31	11	73.5	C	19.5	11	50	17	6	40	100	43	70	40
8												31	11	81.7	B-	23.5	25.5	40	13	17	107	100	38	52	49
9												31	11	77.0	C	31.5	25.5	50	32	20	20	50	44	84	50
10												31	11	63.2	D			40	6	17	40	50	46	44	44
11												31	11	70.4	C-	17	20.5	29	27	19	40	45	42	86	15
12												31	11	64.9	D	17	24.5	42	31	10	80	90	48	68	20
13												31	11	85.9	B	30	25.5	44	38	16	120	100	50	88	49
14												31	11	74.7	C	23.5	25.5	42	26	14	80	70	50	60	49
15												31	10	85.1	B	34	25	44	41	20	40	95	50	110	46

☒ Att Info
 ☐ Comment/Status Info
 ☒ Missing
 ☐ # Correct > Max
 ☒ Max = 0
 ☐ Inactive Student
 ☒ Grading Complete
 ☐ Transfer Grade
 ☒ Category

Period 6 Ag Chemistry

Show Filters		Show Trend		Student Name		Assignment Due Date		Ionic		Compound Lab		Chemical Bonding Pre		Metallic Bonding Pre		Chemical Bonding Quiz		Types of Chemical Re		FFA Activity Credits		SAE Project		Binder Check #2		Final Exam		Final Exam Study Guide	
12/20/2019		11/21/2019		12/13/2019		12/12/2019		12/12/2019		12/12/2019		12/12/2019		12/12/2019		12/12/2019		12/12/2019		12/13/2019		12/13/2019		12/20/2019		12/20/2019		12/20/2019	
#47 : 50		#39 : 34		#38 : 25.5		#40 : 50		#41 : 46		#42 : 100		#43 : 100		#44 : 20		#45 : 50		#46 : 136		#47 : 50		#48 : 136		#49 : 50		#50 : 50		#51 : 50	
Name		Grd		%		Mark																							
1		31	11	67.8	D			25.5	34	28.5	20	100	65	38	92	15													
2		31	10	52.3	F			20.5	46		19	0	0	24	70	25													
3		31	11	81.3	B-			25.5	36	34	20	80	75	50	100	50													
4		31	11	75.5	C			18.5	43	26	20	60	100	47	68	0													
5		31	11	66.6	D			22.5	34	31	20	40	100	48	94	47													
6		31	10	92.5	A-			25.5	46	45	20	20	100	50	126	50													
7		31	11	72.4	C-			25.5	50	25.5	15	60	100	48	74	49													
8		31	11	79.1	C+			25.5	43	30	20	20	100	50	68	50													
9		31	11	55.0	F			25.5	42	20	18	0	0	44	50	0													
10		31	11	73.5	C			25.5	42	35	18	80	95	47	76	47													
11		31	11	71.4	C-			25.5	42	21	17	80	100	48	60	25													
12		31	11	74.7	C			25.5	50	30.5	18	20	0	48	62	45													
13		31	11	54.0	F			21	36	30	13	20	0	25	68	0													
14		31	11	72.8	C-			25	50	34.5	20	120	60	40	74	1													
15		31	11	28.0	F						5	0	0	0	0	0													

Period 7 Ag Chemistry

☒ Att Info ☐ Comment/Status Info ☒ Missing ☐ # Correct > Max ☒ Max = 0 ☐ Inactive Student ☒ Grading Complete ☐ Transfer Grade ☒ Category

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5. Home and Project Visit Forms

2/5/20

PVHS Home Visit/Project Visit

Student: Sebastian Pinon

Reason for Visit: Project Visit

Notes: Continue to treat steer for ring worm
Be cautious if it spreads to you as well
Watch progress - notify T. Dickinson
if it gets worse

2/7/20

PVHS Home Visit/Project Visit

Student: Elizabeth Beebe

Reason for Visit: Project Visit

Notes: watch her eating habits during the
evening
if she doesn't start to gain weight
soon we will contact vet

2/13/20 **PVHS Home Visit/Project Visit**

Student: Paola Zarate

Reason for Visit: Project Visit

Notes:

schedule another preg check with vet
watch for signs of heat
possibly begin looking for back up
helper

2/27/20 **PVHS Home Visit/Project Visit**

Student: Daniella Urena

Reason for Visit: Home Visit

Notes:

discussed opportunities for next year
(Ag Bio, Greenhand Officer Team)
different SAE project possibly more
challenging?
how to get more FFA credits

3/3/20

PVHS Home Visit/Project Visit

Student: Jose Beas

Reason for Visit: Home Visit

Notes: discussed SAE project - training horses;
possibly training horse to dance
possibility of raising a pig for
SDCF 2021?

3/10/20

PVHS Home Visit/Project Visit

Student: Nadia Zepeda

Reason for Visit: Home Visit

Notes: Very excited to get pig in a few days.
discussed time management that will
have to happen between the patch and pig
this summer.
classes for next year

2/18/20 PVHS Home Visit/Project Visit

Student: Elise Santa Cruz

Reason for Visit: Home Visit (Phone - due to COVID-19)

Notes: discussed classes and FFA involvement next year - Ag Bio and Greenhand Officer Team?
How to sign up for the Patch and get enough ^{hours}
told mom how hardworking she is and a pleasure to have in class

2/27/20 PVHS Home Visit/Project Visit

Student: Jimena Diaz

Reason for Visit: Home Visit (Phone - due to COVID-19)

Notes: Talked about her awesome RAE project - milking and meat goats (~45 head) and how we will start the proficiency application process for next year
Next steps: update AET weekly

4/9/20 **PVHS Home Visit/Project Visit**

Student: Marco Carbella

Reason for Visit: Home Visit (Phone/FaceTime - due to Covid-19)

Notes: discussed and practiced Regional officer speech for King City
talked about changing schedule and possibly taking for chem class in the Fall
set up practice times for prepared speaking practice

5/1/20 **PVHS Home Visit/Project Visit**

Student: Moises Novoa

Reason for Visit: Home Visit / check in (Phone - due to Covid-19)

Notes: made plans for prepared speaking practice via FaceTime
will send a new list of questions via email
talked about next year's plans as well as what went well / not so well in state office campaign

6. School Board Policy on SAE

School Board Approved Policy Statement: SAE

Education Code

Section 52450-52454

52454.

(a) The curriculum of school districts that choose to participate in the state program of agricultural career technical education shall include all of the following components:

- (1) Organized classes in the study of agricultural science and technology.
- (2) A student-supervised occupational experience program in agriculture.
- (3) A program of leadership, organization, and personal development.

(b) Student learning activity developed to supplement these components shall be considered curricular and shall contribute to the grade of the participating student when those activities are integral to assisting the student to achieve the career objective of the class or course.

It is the intent of the Legislature that opportunities are provided for teachers to be employed on a 12-month basis in order to maintain supervised occupational experience on a year-round basis for students enrolled in agricultural career technical programs.

(Amended by Stats. 2000, Ch. 1058, Sec. 85. Effective January 1, 2001.)

2019-2020 School Year
Instructor: Ms. Baldwin
Pioneer Valley High School
Email: nabaldwin@smjuhsd.org
Phone: (805) 922-1305 ext. 5206
Room 206

AGRICULTURE CHEMISTRY

Course Description: This UC/CSU laboratory science course is aligned to the Next Generation Science Standards for California Public Schools and is designated to introduce students to collegiate-level principles and concepts of Chemistry across the other sciences. The prerequisite for this course is Biology. Unique to the Agriculture Department, students will have to opportunity to develop and conduct a project based Supervised Agriculture Experience (SAE) project or Agriscience Research Project relating to one of over 60 proficiency areas in science and agriculture. Content is directed and connected to sectors of the agriculture industry when applicable.

The following units are included in the course

Combustion	Atoms, Elements, and Molecules	Chemical Reactions
Heat and Energy in the Earth System	Chemistry of Climate Change	Dynamics of Chemical Reactions and Ocean Acidification

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Grade Breakdown

<u>Assignment</u>	<u>% of Final Grade</u>
Classwork / Labs	40%
Assessments	25%
Projects	25%
SAE/ FFA	10%

Required Materials

- 1-2 inch binder specifically for this class
- Calculator
- Pen and pencils
- Paper
- Chromebook (charged)

These materials MUST be brought to class each day. Failure to do so will result in loss of points.

Rules/Procedures:

Rules that are especially important in our classroom are:

- Do your own work, trust your abilities and the hard work you put in.
- Bring a positive attitude, leave the baggage outside
- I expect your best effort, and ask for your best effort—nothing less, nothing more
- Be respectful and ask permission before leaving the classroom to use restroom, etc.
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- Poor lab safety may result in removal from the class, payment for damaged or broken items, or both!

Supervised Agriculture Experience Science Projects (SAE) / FFA—10% of grade

As a member of the agriculture department, students are automatically enrolled in our leadership club, the FFA. Students are heavily encouraged to participate in the many leadership and personal growth activities that are offered to them. Students will be expected to also maintain an accurate record book, have a supervised agricultural experience (S.A.E.) throughout the year, and attend (1) one FFA event each month. Examples of things you can do to get FFA Credits: attend chapter meetings, participate in leadership conferences, public speaking contests, participate in community service projects, assist with fundraisers and much more!

I have read and understand the rules and requirements for this course.

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Student Signature	Date	Student Name (Handwritten)
_____	_____	
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Student Signature

Date

Student Name (Handwritten)

Parent / Guardian Signature

Date

8. FFA Program of Activities

Pioneer Valley FFA

2019 – 2020
Program of Work



Create Your Legacy

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Santa Maria Joint Union School District

Board of Trustees

Carol Karamitsos

Jack Garvin

Dominick Palera

Diana Perez

Amy Lopez

John Davis, Superintendent

Kevin Platt, Asst. Supt. of Personnel

Paul Robinson, Director of Career Technical Education

Yolanda Ortiz, Asst. Supt. of Business Services

PVHS Administration

Shanda Herrera

Greg Dickinson

Paul Collier

Matt Stockton

Principal

Assistant Principal

Assistant Principal

Assistant Principal

FFA Advisory Committee

Mike Leedom- Plantel Nurseries

Brenda Forstythe- Veterinarian

Genete Bowen-Red Cross

Dr. Theissen-Veterinarian

Guillermo Guerra- Ag Teacher RHS

Frank Velasquez- Valley Crop (president)

Tom Minnetti – Betteravia Farms

Amanda Dulay- ROP/CTE

Ted Ponce- Sundance Berry

Vince Lopez- Fastenal

Micaela Ponce- SM Tax Services

Tammi Dickinson - DeBernardi Bros.

Jason Vasquez - Sheriff

Richard Ruiz - SM Bonita School District

Marty Speer- Pacific Petroleum

Geraldo Mendoza- Greenheart Farms

John Patino- Crop Production

Marc Cossa- Cossa and Sons Farm

Hector Garcia- Skyline Flowers

Steve Sapone- Ball Tagawa Growers

Santos Comacho- CBI

Orlando Velazquez- Betteravia Farms

Jim Glines-Community Bank of SM

Frank Velasquez- Valley Crop

Principal's Message



Pioneer Valley High School is proud to offer the FFA program on our campus. We support the FFA Mission of making a positive difference in the lives of students by developing their potential for premier leadership, personal growth and career success through agricultural education.

Our FFA students demonstrate their confidence and leadership skills throughout the campus, county and state.

-Shanda Herrera

Principal

Pioneer Valley High School

Welcome!

Hello Pioneer Valley! Welcome to the 2019-2020 school year! On behalf of our officer team and our advisors we are thrilled to welcome you to our chapter! We are looking forward to the year of success ahead of us. The FFA is a nationwide organization, holding more than 650,000 members! FFA is more than the stereotypical farmer-producing organization, it builds leaders, and innovators. FFA helps to prepare students for a successful future.

In our chapter, we hope for personal growth in each of our members, while having fun and making lots of memories! Our members have the opportunity to work closely with our school and our community. The opportunities and routes to endure on in the FFA are endless!

This year's theme is Create Your Legacy. I challenge each and every one of you to do each of these things this year. Throughout the year, numerous opportunities will be opened to our members. Our officer team would like you to take initiative and take hold of this opportunity despite, as E.M. Tiffany states in the FFA Creed, the joys and discomforts that may temporarily come with them. We encourage you to conquer those challenges-moving forward towards the pinnacle of your success. Finally, we encourage you to empower those around you. The more individuals and the larger range of diversity Pioneer Valley holds in our FFA the more successful we will be as a chapter. We have an exciting year ahead of us, and I cannot wait to get to know the members of our chapter more and empower all those around me. Pioneer Valley, it's time to Create Your Legacy!

Officer Messages

What's up everybody! My name is Nick Vasquez and I am serving as your 2019-2020 President. Some of the opportunities I have taken advantage of in the FFA are livestock judging, Creed recitation, Opening and Closing, Impromptu and attending State Conference this past year in Anaheim where I was able to serve on the State Nominating Committee. This past year I have had the privilege of being elected as the 2019-2020 South Coast Regional Secretary. I plan on attending National Convention in Indiana to serve California as National Delegate. I challenge all of you to take that step out of your comfort zone and go to the monthly meetings, go to conferences, and always HAVE FUN! One of my main goals this year is to meet each and every one of you and to create memories that we can think back on in the future. I am involved in Baseball and really looking forward to starting this next season in spring. If you see me around school feel free to ask me a question or have a conversation!

-Nick Vasquez

2018-2019 Chapter President

What's up Pioneer Valley, I'm Marc Cabeliza and I am serving as your 2019-2020 Chapter Vice President. I have been involved in this amazing organization for 3 years, and this is my second year serving as an officer. I have competed in numerous public speaking competitions such as Opening and Closing, Creed, Impromptu, and Parliamentary Procedure. I have been blessed with the opportunities to attend conferences such as GLC, MFE, and State Conference and raise a lamb for the Santa Barbara County Fair. In addition to being the Chapter Vice President, I am also serving as the Santa Barbara Section Sentinel. Outside of FFA, I have been part of many clubs and sports such as Basketball, Volleyball, Avid, and Link Crew. My main goal this year to help everyone become more involved in this amazing organization. I hope to become a helping hand to you all. Let's create our legacy and make this year unforgettable.

-Marc Cabeliza

2019-2020 Chapter Vice President

Howdy Pioneer Valley FFA! My name is Miguel Perez and I am excited to be serving as your 2019-2020 Chapter Vice-President. When in the blue and gold jacket you can find me judging citrus, showing steers, and drinking water out of my reusable water bottle. FFA has allowed me to grow not only as an individual but as a servant leader. It has also expanded my knowledge about not only FFA, but the agriculture industry. If I could share some words with you it would be to always stay busy! The National FFA Organization has countless opportunities, how many will you dare to tackle?! I am always an open door and can't wait to see where this year will take us!

-Miguel Perez

2019-2020 Chapter Vice President

Hello Pioneer Valley High School! My name is Sebastian Piñon and I am excited to serve you as your 2019-2020 Chapter Treasurer! My hobbies include raising livestock, farming, and kayaking! Please join me in having a spectacular year!

-Sebastian Pinon

2019-2020 Chapter Treasurer

Hey there! My name is Marissa Arias, your newly elected Chapter Secretary! I'm going onto what is now my third year of being involved within the FFA and served as Pioneer Valley's 2018-2019 Chapter Reporter. Throughout my first two years I competed in the Opening Closing Ceremonies, Creed, and Impromptu Speaking. I have been fortunate enough to have competed at the Chapter, Sectional, Regional and State level for my individual speaking competitions. In the spring and summer as my SAE project, I show a market hog for my local county fair. The Spring time is something I always look forward to because I find much joy in being able to care for my livestock project. Outside of FFA I play for my school's varsity soccer team along with my club soccer team. Sports especially soccer have been a major part of my entire life. On my free time I like to spend time volunteering at my local animal shelter, being around my friends and family and give back to those who have given me so much. I look forward and am excited to serve once again on Pioneer Valley's Chapter Officer Team and hope to leave a positive and meaningful impact on our chapters great members!

-Marissa Arias
2019-2020 Chapter Secretary

Hey everyone my name is Marina Cuevas and I'm currently serving as your 2019-2020 Chapter Reporter! This is my fourth year being involved in FFA and I'm incredibly grateful for the memories surrounding this organization. I have participated in activities such as Job Interview, Citrus Judging, and showing market sheep at our county fair. I am also a co-chair for our Social Media committee. Outside of FFA I am an AVID student and volunteer at our public library. I am looking forward to creating new memories with my 10 amazing teammates as well as our chapter members!

-Marina Cuevas
2019-2020 Chapter Reporter

What's good Pioneer Valley FFA my name is Moises Novoa and I am serving as your 2019-2020 Chapter Sentinel. I am a senior and this is my first time serving as a chapter officer. I have participated in many events during my three years in the FFA. I have been a part of the soil and land evaluation, citrus, and livestock judging teams as well as competing in Opening and Closing, Job Interview, and Parli Pro at the state level. I have also had the privilege of attending conferences such as GLC, MFE, ALA, COLC, and State Conference 2018-2019. I plan on attending the National FFA Convention in Indiana and also attend the Sacramento Leadership Experience. In addition to being elected Chapter Sentinel I was also elected as the Santa Barbara Section Vice President and I'm ready to take on all the joys and responsibilities that come with the position. My main goal this year is to have a positive influence on all Ag students in our chapter. I hope that I'm able to be a role model for you all but above all else a friend that you can rely on. Let's make this year a memorable one and maximize our potential together.

-Moises Novoa
2019-2020 Chapter Sentinel

Hey guys, I'm Sergio Segura and I'm serving as one of this year's historians! I am currently a senior and have been involved in FFA since freshman year. I have participated in various speaking competitions such as Creed, Impromptu, and Extemporaneous. I am also serving as this year's South Coast Regional Treasurer and I'm excited to help our members find their passion within the FFA. Within our chapter I am apart of the livestock judging team and show market lambs at our County Fair. Outside of FFA, I love to hang out with family and friends. Pioneer Valley FFA I'm ready to make this year a great one!

-Sergio Segura
2019-2020 Chapter Historian

Hi my names Paola Zarate and I enjoy being heavily involved in school. I have participated in clubs such as ASTRA, AVID, environmental services, and of course FFA! In FFA I am one of the chapter historians and also the Santa Barbara Sectional President. I have also been a part of the girls volleyball program for four years. Outside of school, I am involved in my church's youth ministry where I am a confirmation leader, host retreats, and am a part of the choir. I'm a busy bee but I give everything I'm involved in my 100% effort!

-Paola Zarate
2019-2020 Chapter Historian

Hello my name is Francheska Cabeliza! This year I am serving as your 2019-2020 Chapter Chaplain. I am a fourth year member of this amazing organization. I have been raising lambs for the Santa Barbara County Fair for two years and have been competing in various public speaking competitions for three years. Outside of FFA, I am a sixth year member of AVID and played volleyball for two years. After school hours, I am working part-time at Subway. I am so excited to serve my final year and make amazing memories with our members.

-Francheska Cabeliza
2019-2020 Chapter Chaplain

Hello my name is Francheska Cabeliza! This year I am serving as your 2019-2020 Chapter Chaplain. I am a fourth year member of this amazing organization. I have been raising lambs for the Santa Barbara County Fair for two years and have been competing in various public speaking competitions for three years. Outside of FFA, I am a sixth year member of AVID and played volleyball for two years. After school hours, I am working part-time at Subway. I am so excited to serve my final year and make amazing memories with our members.

-Luke Zaragoza
2019-2020 Chapter Parliamentarian

Advisors

Mr. Guerra – Co Department Chair/Ag Advisor



Hello Panthers! My Name is Mr. Guerra and I am one of the Agricultural Mechanics and Science Instructors. Welcome to the FFA! The best youth organization in the world... possibly the best in the Universe! In the FFA we use agriculture as our tool to prepare students for premier leadership, personal growth and career success! I came from an agriculture based family so I understand it very well! I also have high expectations of the Pioneer Valley FFA! Remember that while people dream of worthy accomplishments, winners are awake accomplishing them! So come with me and get ready for the lifelong learning of the FFA!!

Room #207

Classes: Ag Mechanics, OH, Ag Bio

Project Advisor: Swine

CDE: Citrus & Tree

Mr Ponce – FFA Advisor Co-Department Chair



I am Mr. Ponce, the Agriculture Leadership coordinator. If you are looking to take advantage of everything that our club has to offer you need to come to my room, introduce yourself, and we can lay out your plan to maximize your involvement in our leadership organization. We have set a standard of success here at Pioneer Valley and I would love for you to be a part of it. We stress hard work, commitment, dedication, and a desire to be great. Let me help you find your area where you can be the most successful. Let us create fun memories, great experiences, and most of all a terrific year.

Room #208

Classes: Ag Leadership, Ag Science, Animal Science, Vet Science

Project Advisor: Sheep/Goat

CDE: Livestock



Ms. Guerra – Ag Advisor

Hello PV FFA, my name is Mrs. Guerra, and I am excited to be with you guys this year in the Ag Department. I was fortunate enough to grow up in Santa Maria, and be a part of the FFA throughout my high school career. Some of my best memories from high school came through the FFA. I was involved in showing sheep, beef, speaking contests, Land judging & Vegetable judging, attending numerous conferences, and holding a chapter office. This organization is near & dear to my heart, and I am so excited to help you build a passion for agriculture like I was able to. I believe that this is going to be a great year here in the PV Ag department, and that you each have the potential to do something awesome. I hope you will all choose to jump in feet first & get involved in this fantastic organization.

Room # 212

Classes: Ag Science, Ag Business, Ag Econ/Government



Ms. Baldwin – Ag Advisor

Hi there Pioneer Valley FFA! My name Ms. Baldwin and I have the pleasure of joining your agriculture department this year. I was born and raised in the Santa Maria Valley around agriculture. I raised livestock as a young child and was an active member of FFA during high school as well. Through the FFA program I showed swine and poultry projects, participated in speaking competitions, judged poultry, fruit trees and vegetable crops, attended leadership conferences and held a chapter office. I would not be where I am today without FFA and all the opportunities it provided me. Agriculture is so important—I have a passion for it—and I can't wait to instill that passion and drive in many of you. I can't wait for all of the events this year and to see all of you grow and become leaders. If you get out of your comfort zone a little bit you will be amazed at the things you can accomplish!

Room # 206

Classes: Ag Science, Ag Chemistry

Project Advisor: Poultry/Turkeys

CDE: Vegetable Crop



Mr. Wonnell – Ag Advisor

Hey all you Panthers. I am very eager to get this year started. It looks to be our best year yet. Remember, if you want to build lifelong memories you have to get involved. Try a public speaking contest or judging team. Travel to new livestock shows and leadership events. It really doesn't matter what you do, only that you do something. My goal this year is to build on last year's successes with the specialty animals judging team and rabbit SAE projects. I also hope to have the Veterinary Science class ready for next year.

Room #205

Classes: Ag. Science & Ag Bio

Project Advisor: Rabbits

CDE: Pruning

Mr. Dickinson—

Hello everyone, I'm Mr. Dickinson and I am an agriculture advisor here at Pioneer Valley. I am a Cal Poly and Pioneer Valley alumnus and am honored to be back here on campus. I hope that I can relay my experiences in the production agriculture industry for you all and allow for students to gain hands-on experiences in the field. My goal this year is to bring home the gold for the Land Judging team and have successful SAE proficiency projects. I am looking forward to yet another successful year at Pioneer Valley and plan to cultivate more successes and better leaders within our chapter and community. Join me on the FFA journey, get involved, and exert your passion for premier leadership, personal growth, and career success!



Room # 432

Classes: Agricultural Science, Ag Bio

Project Advisor: Crop production, Beef

CDE: Soil and Land Evaluation

FFA Is...

LEADERSHIP: During the years as an FFA member there are many opportunities for leadership development. There are many national, state, and regional conferences which offer a chance for members to work on leadership skills and network with other members from all across the United States. Highly recommended leadership events include the National FFA Convention, Washington Leadership Conference, California FFA State Leadership Conference, Made for Excellence, the Sacramento Leadership Experience, and Chapter Officers Leadership Conference. Other leadership opportunities: Chapter Officer or Executive Team Member, 1st period Ag. Leadership class, and Chapter committees.

COMPETITION: Another factor in the FFA program is competition. It seems to be spread throughout the FFA member's life. Whether you serve on judging teams or raise animals, or both, you have the chance to compete in contests or fairs at the local, State and National Levels. Through these you learn responsibility and confidence, as well as practical knowledge in many different areas. You also have the opportunity to meet a lot of new people and of course, travel across the state to participate in competitions.

RECOGNITION: Recognition always seems to be one of the highlights to members. Everyone likes to be recognized for what they do. There are many opportunities to be recognized in the FFA. We have two banquets a year, which are the Greenhand banquet and the Awards Banquet. At each of these banquets members are recognized either by certificates or plaques. The school and local newspaper also help publishing articles commending our members and organizations in the community.

SERVICE: The FFA is also a service organization. Throughout the year we will help many members and organizations in the community.

TRAVEL: Everyone loves a chance to get away and travel for a while. You get to go to new places and see things you've never seen before. In the FFA, you have the opportunity to travel often. You'll travel to compete in contests and conferences. You may travel to places such as Sacramento, San Francisco and many other places from North California to South California. If you're lucky you may travel back to Indianapolis, Indiana or Washington DC to attend the great conventions there.

SCHOLARSHIP: FFA offers some great scholarships for those that are graduating seniors. Many are offered a fair amount of money in order to continue their Agriculture education. Those members of FFA entering into college exhibit performance above average. Many dedicate their success to the leadership and many other skills they learned through the FFA program leadership conferences and activities.

CAREERS: Along with scholarships for college is the deciding and developing your skills into exciting careers. Whether you are looking for an Agriculture related career or not, the FFA's leadership skills alone give you a tremendous boost for success. If indeed Agriculture is your thing, the FFA in many ways serves as an on the job training. Remember, it's never too early to start thinking about your career and future, and if you're looking for an exciting, challenging, and rewarding career with a future, you are looking for Agriculture, and the FFA is the place to find it!

Chapter Goals

The Primary aim of the FFA organization is the development of agricultural leadership, cooperation, and citizenship. Together as your FFA officers we have established a set of chapter goals using the guidelines set by the national FFA organization.

- ❖ Increase Freshman Involvement
- ❖ Find Permanent School Farm
- ❖ Increase Involvement With ASB & School Activities
- ❖ School & Community Beautification
- ❖ More Fundraisers For FFA Account
- ❖ Participate In More Sectional Activities
- ❖ More Parent Involvement
- ❖ More Recreational Activities (Beach Day, Hiking, Etc.)
- ❖ Improve Chapter Unity
- ❖ Help At Senior Homes, Homeless Shelters, Etc.
- ❖ More Recognition To PVHS From Our Chapter
- ❖ FFA Articles In The Paw Print And Santa Maria Times Newspapers
- ❖ Encourage Excellence In Scholarships
- ❖ Strengthen The Confidence Of Agriculture Students In Themselves And Their Work
- ❖ Encourage Achievement In Supervised Agricultural Experience Programs



2019-2020 FFA Budget

Planned expenses:

Welcome Back Event	200
September FFA Meeting	150
October FFA Meeting	150
Greenhand FFA Meeting	200
Parade of Lights	200
Joint FFA Meeting	200
January FFA Meeting	150
FFA Week	200
Greenhand Meeting	200
April FFA Meeting	150
FFA Awards Banquet	1200
Elks Rodeo Parade	200

Total: 3,200

Expected incomes:

Club Rush BBQ	300
Drive-Thru BBQ	3,000
Spring Fair BBQ	300
Back to School	300

Total: 3,900



Duties of the Officers

PRESIDENT

- Preside Over Meetings
- Appoint Committees
- Non Voting Member Of All Committees
- Be Familiar With The Constitution And Its Bylaws
- Coordinate Chapter Activities
- Represent The Chapter When Called Upon To Do So

VICE PRESIDENT

- Assist The President
- Assume All Duties Of The President If Necessary
- Program Of Work Chairman
- Coordinate All Committee Work
- Establish And Maintain A Chapter Resource File

SECRETARY

- Prepare And Post The Agenda For Each Chapter Meeting
- Prepare And Present The Minutes Of Each Chapter Meeting
- Be Responsible For Chapter Correspondence
- Maintain Member Attendance And Activity Records And Issue Membership Cards
- Have On Hand For Each Chapter Meeting And Official FFA Manual And Student Handbook, A Copy Of The Program Of Work, And A Copy Of The Chapters Constitution And Bylaws

TREASURER

- Receive, Record, And Deposit FFA Funds And Issue Receipts
- Present Monthly Treasurer's Reports At Chapter Meetings
- Submit Membership Dues To The National FFA Organization
- Chairperson Of The Earning And Savings Committee
-

REPORTER

- Release News And Information To Local And Regional News Media
- Publish A Chapter Newsletter
- Prepare And Maintain A Chapter Scrapbook
- Send Local Stories To Sectional, Regional And State Reporters
- Send Articles And Photographs To FFA New Horizons

SENTINEL

- Assist The President In Maintaining Order
- Keep The Meeting Room, Chapter Equipment And Supplies In Proper Condition
- Welcome Guests And Visitors
- Keep The Meeting Room Comfortable
- Assist With Special Features And Refreshments

HISTORIAN/PARLIAMENTARIAN/CHAPLAIN

- Assist the Reporter in Scrapbook and Publications
- Assist in the development of our program promotion
- Assist in the coordination of media and club advertisements and recruitment
- Assist in the proper use of parli pro
- Assist in the implementation of the invocation at events

Degrees

The FFA is structured into a degree program, which rewards active FFA members for progress in all phases of leadership, skill, and occupational development. The national FFA Organization has four of these degrees Greenhand, Chapter degree, State degree, and American FFA degree.

Greenhand Degree: Greenhand is the first degree in the FFA, and it is given upon entry into a vocational education course and satisfactory completion of plans for a supervised occupational experience program.

Chapter Degree: Chapter is the highest degree given at the chapter level. To earn this degree, students must satisfactorily complete one semester of instruction in vocational agriculture and must have earned their own efforts at least \$150.00 from agricultural production or completed 180 hours of work in their supervised occupational experience programs. They also have to lead a 15 minute group discussion.

State Degree: Three percent of the statewide FFA membership may be elected State Farmer. To qualify, students must be FFA member for at least two years; demonstrate leadership abilities; and have earned from their own efforts in agricultural production at least \$1000.00, which they have productively invested or deposited in a bank, or completed 300 hours of work in their supervised occupational experience programs.

American Degree: American Farmer is the highest degree in the FFA and is conferred only on active members. To qualify individuals must have received the State Farmer degree and earned a minimum of \$7,500.00 from agricultural production or in work in their supervised occupational experience programs. They must also be leaders in their communities and have records of all their agricultural endeavors in the following graduation from high school if applicable.

History Of Pioneer Valley FFA

Pioneer Valley High School opened its door in August of 2004 to much fanfare. However, the story of the FFA chapter began two months earlier. Mr. Parker, long time Santa Maria High School instructor, brought together 11 future panthers to lay the foundation for the new chapter. These founding members were: Cheryl Butler; Danielle Chambers; Jose Corona; Kelsey Ferguson; Adrian Heredia; Katrina Hight; Tyler Hindle; Henry Houston; Alisha Lopez; Joey Olivera; and John Uribe. The founding members had to meet in Mr. Parker's backyard as the school was not yet finished. The first year at Pioneer Valley was busy building a chapter from the ground up. The Agricultural Department was not even completed so classes were held in the Science Department. Despite the lack of facilities, Pioneer Valley was very active that year. On April 17th 2005 Pioneer Valley was granted in charter. California Chapter No. 522.

That first county fair was small only showing 3 sheep, 10 hogs, 2 beef, 10 turkeys and a handful of flower and vegetable projects. During the first fair, Mr. Wonnell was hired as the second member of the teaching staff. Another busy year followed as the department was moved into its permanent home. The shop had no power and the lab had no work stations. It was the Wild West in the 200 wing. The second year also brought many firsts. Two Judging teams, who both placed in the top five at state, two more livestock shows, LA Co. Fair and Cow Palace, and our first trip to the National FFA Convention. In year four, Mr. Guerra was added to the staff and has done wonders with the officer team and leadership class. We have grown into a large program housing 6 classrooms, a greenhouse, shop, lab, orchard, and garden. Today we boast more than 600 members and have projects in the sheep and goat barn, swine barn, cattle barn, rabbit and poultry barn, agricultural mechanics projects and flowers and vegetables. We attend many leadership conferences and judging contest throughout the state and the U.S.

Hall of Fame

American FFA Degree Recipients

Danielle Chambers	Trisha Hooten	Kristen Eachus
Kelsey Ferguson	Torry Muscio	Janea Steels
Alisha Lopez	Joey Olivera	Johnny Rush
Katie Sanders	Kelee Harding	Fernanda Ortiz
Tyler Dickinson	Zac Ferguson	Torry Muscio
Kelsey Dugan	Laurianna Fenwick	Laura Feldpouch
Brittany Parks	Wendy Ruiz	Enrique Pinon
Roy Lara	Katie Sanders	Nelly Guerra
Justice Bright	Vinny Peinado	Steven Cervantes
Daniel Claborn	Craid Lodes	Gloria Contreras

State Degrees

2005-2006: Danielle Chambers, Kelsey Ferguson, Alicia Lopez

2006-2007: Trisha Hooten, Gloria Soto, Kristen Eachus, Torry Muscio, Anthony Retzer, Charlie Jones, Joey Olivera

2007-2008: Kelee Harding, Alicia Yi, Katie Sanders, Johnny Rush, Tye Wheeler, Carolyn Lott

2008-2009: Ashley Hooten

2009-2010: Michael Sanders, Ashley Spencer, Victoria Retzer, Elizabeth Ortiz

2010-2011: Tyler Dickinson, Zack Ferguson, Lauianna Fenwick, Natali Carrilo, Albert Villalobos, Fernanda Ortiz, Brittany Parks, Armando Hurtado, Enrique Piñón, Irving Herrera, Kelsey Dugan

2012-2013: Nelly Guerra, Dario Castillo, Reanna Salazar, Justice Bright, Sarah Hamel, Enrique Sanchez, Jesus Valencia

2013-2014: Victoria Neri, Brittany Lopez, Cassidy Ferguson, Jasmine Corona, Saryna Mendoza, Joel Diaz, Abby Sanchez, Paulina Delgado, Amairani Zuniga, Myranda Morales, Oscar Jimenez

2014-2015: Vincent Peinado, Karen Delgado

State Degrees continued

2015-2016: Alina Calderon, Hannah Diaz, Michael Dulay,
Jordan Gonzales, Christian Gonzalez, Moriah Gutierrez, Zitlali Hernandez, Ileana Hernandez, Leticia
Hoobery,
Craig Lodes, Janet Lopez, Yocelin Lopez, Rocio Lopez, Andrea Ortega, Carolin Ponce, Monserrat Garcia,
Adriana Ramirez-Camacho, Daniel Segura, Katelyn Smith, Nataly Speer, Noah Valdez, Judith Zavala

2016-2017: Gloria Contreras, Jordan Vasquez, Citlalli Pucheta,
Breanna Arias, Racquel Salazar, DJ Claborn, Fatima Ramirez, Saul Rodriguez, Steven Cervantes, Adrian
Zamudio,
Luis Soto, Mikayla Casil, Michelle Ambriz, Ricky Tovar,
Zach Giesmann, Erick Renardo, Bryan San Marcos,
Antonio Murillo, Kenneth Hoobery, Gustavo Martinez,
Yadira Barrera, Jose Gonzalez

2017-2018: Baileigh Ruiz, Katie Guzman, Andrea Dominguez, Josue Chavez
Lizbeth Estrada, Jasmine Leon, Nallely Corral, Alivia Valdez
Liseth Sosa, Janely Ysi, Dyan Gomez, Arianna Cardenas

2018-2019: Morgan Revelez, Nicole Cabatan, Mya Velasquez, Danny Morales, Nick Vasquez
Eldaine Estacio, Brigitte Vargas, Dora Gurrola, Luke Zaragoza, Lesley Lachino, Julio Aguilar,
Moises Novoa, Miguel Perez, Paola Zarate, Marina Cuevas, Sergio Segura, Sebastian Pinon, Abel
Garcia, Eroze Rivas

Star Greenhands

2005: Torry Musico, Anthony Retzer
2006: Katie Sanders
2007: Ashley Hooten
2008: Michael Sanders
2009: Albert Villabos
2010: AJ Herrera, Juan Perez
2011: Nelly Guerra
2012: Joel Diaz
2013: Justine Rush
2014: Natalya Speer
2015: DJ Claborn
2016: Saray Guardado, Sierra Rodriguez
2017: Nick Vasquez
2018: Marissa Arias, Hannah Limon
2019: Elizabeth Pantoja

Star Chapter

2005: Danielle Chambers
2006: Daniel Martinez
2007: Kelee Harding
2008: Ashley Hooten
2009: Michael Sanders
2010: Albert Villalobos
2011: Juan Perez
2012: Nelly Guerra
2013: Joel Diaz
2014: Vincent Peinado
2015: Judith Zavala
2016: Yadira Barrera, DJ Claborn
2017: Phibie Ah yet
2018: Nick Vasquez
2019: Marc Cabeliza, Marissa Arias

Honorary Chapter Members

Vince Lopez	2005	Patricia Wonnell	2009
Joe Olivera Jr.	2005	Marcie Baldiviez	2010
Dr. Jeffrey Hearn	2006	Dee Ringstead	2011
Ben Bibles	2007	Lee Davis	2012
Gigi Adams	2007	Tami DeBernardi	2013
Christine Linne	2008	Gina Ferguson	2014
Joe Mejia	2015	Uncle Sal	2016
Mike and Terry Smith	2017	James and Amada Dulay	2017
Joey and Stephanie Claborn	2018	Rene and Richard Salazar	2018
Richard and Delia Ruiz	2019		

Past Presidents

Henry Houston	2004-2005	Katie Sanders	2008-2009
Joey Olivera	2005-2006	Ashley Hooten	2009-2010
Gloria Soto	2006-2007	Natali Carrillo	2010-2011
Yessica Gomez	2007-2008	Tyler Dickinson	2011-2012
Reanna Salazar	2012-2013	Nelly Guerra	2013-2014
Judith Zavala	2014-2016	Daniel Segura	2016-2017
D.J. Claborn	2017-2018	Bailiegh Ruiz	2018-2019

Sectional Officers

Tyler Dickinson	2011-2012	Andrew King	2011-2012
Justice Bright	2012-2013	Joel Diaz	2012-2013
Vincent Peinado	2014-2015	Judith Zavala	2015-2016
Daniel Segura	2015-2016	D.J. Claborn	2016-2017
Baileigh Ruiz, Paola Zarate, Miguel Perez			2018-2019
Paola Zarate, Moises Novoa, Marc Cabeliza			2019-2020

Regional Officers

2016-2017:	Daniel Segura, Vice President
2017-2018:	D.J. Claborn, Treasurer
2018-2019:	Nick Vasquez, Sentinel
2019-2020:	Nick Vasquez, Secretary
	Miguel Perez, Vice President
	Sergio Segura, Treasurer
	Marissa Arias, Sentinel

Supervised Agricultural Experience Program

(S.A.E.'s)

A supervised Agricultural Experience Program is a learn by doing process. Through it, vocational agriculture students reinforce learning by applying skills and knowledge acquired in class and shop by means of an ownership and/or non-ownership project through FFA activities. Some examples of an S.A.E. are livestock and crop production and outside welding or construction projects. Agriculture students may benefit in a variety of ways while participating the S.A.E.

1. The Development of record book keeping skills.
2. The understanding of the economic forces of the market place.
3. Entrepreneurship.
4. The development of stronger job related skills.
5. The opportunity to gain further knowledge.
6. The opportunity to intensely explore the students chosen career path.
7. Provides the chance for personal recognition through the FFA Awards Program.

An S.A.E. project is supervised by an FFA advisor. The Advisor is there for guidance and knowledge and is not responsible for the project. The student has full responsibility in the upkeep of the project. There are endless numbers of projects that you can do. It's up to you to find the right one for yourself.

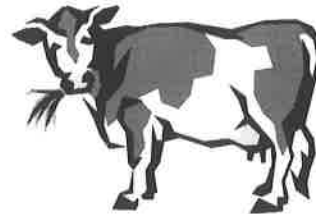
SAE Budgets

All Budgets are estimates and can be higher or lower then posted.

Market Steer

Estimated Expenses:

Cost of Steer	\$1,500.00
Feed	\$1,500.00
Veterinary wormer	\$10.00
Insurance	\$90.00
Entry fees	\$27.00
Auction fees	\$50.00
Misc.	\$50.00

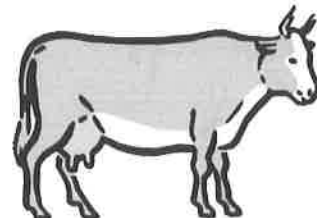


Total Expense:	\$3,237.00
Estimated Receipts:	\$4,500.00
Estimated Profit:	\$1,263.00

Replacement Heifer

Estimated Expenses:

Cost of Animal	\$15000.00
Feed	\$750.00
Vet/Breeding Fee	\$75.00
Supplies	\$15.00
Straw at Fair	\$15.00
Insurance	\$90.00
Entry fees	\$27.00
Auction fees	\$50.00

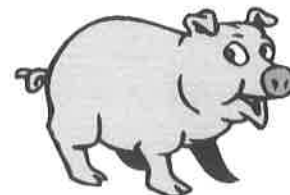


Total Estimated Costs:	\$2,445.00
Estimated Receipts:	\$3,000.00
Estimated Net Profit:	\$555.00

Swine Project

Estimated Expenses:

Cost of Hog	\$350.00
Feed	\$250.00
Supplies	\$60.00
Veterinary	\$20.00
Insurance	\$15.00
Entry/Auction	\$65.00



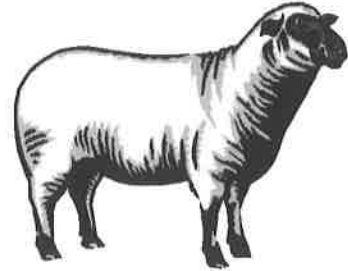
Total Estimated Expenses:	\$760.00
Estimated Receipts:	\$1000.00
Estimated Net Profit:	\$240.00

SAE Budgets continued

Lamb Project

Estimated Expenses:

Cost of Animal	\$500.00
Feed	\$150.00
Supplies	\$20.00
Veterinary; Worming	\$5.00
Insurance	\$10.00
Entry/Auction Fee	\$65.00



Total Expenses:	\$750.00
Estimated Receipts:	\$1200.00
Estimated Profit:	\$450.00

Poultry (Chickens, Turkeys)

Estimated Expenses:

Cost of Animal	\$7.50
Feed	\$26.00
Wormer	\$1.00
Electrolytes	\$1.00
Leg Band	\$1.00
Shavings	\$10.00
Entry Fee	\$10.00
Foot Dip	\$1.00

Estimated Expenses:

Cost of Animal	\$7.50
Feed	\$88.00
Wormer	\$1.00
Electrolytes	\$1.00
Leg Band	\$1.00
Shavings	\$10.00
Entry Fee	\$10.00
Foot Dip	\$1.00

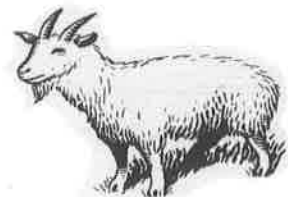


Total Estimated Expenses:	\$57.50	\$119.50
Estimated Receipts:	\$120.00	\$250.00
Estimated Profit:	\$62.50	\$130.50

Goat Project

Estimated Expenses:

Cost of Animal	\$500.00
Feed	\$150.00
Supplies	\$20.00
Veterinary; Worming	\$5.00
Insurance	\$10.00
Entry/Auction Fee	\$65.00



Total Expenses:	\$750.00
Estimated Receipts:	\$900.00
Estimated Profit:	\$150.00

PIONEER VALLEY FFA LETTERMAN'S JACKET

INSIGNIA APPLICATION REQUIREMENTS

The FFA Letterman's Jacket Insignia is an academic letter and the requirements are based on a high level of achievement, involvement in the FFA and the Supervised Agricultural Experience Program. Receiving the insignia is a privilege, not a right. The Letterman's Jacket insignia will be awarded at the FFA Chapter Awards Night.

To be eligible to Letter, Active FFA Members must meet ALL of the following criteria:

1. Have completed two years of high school agriculture.
2. The application must be filled out and turned in with the most recent transcript, 30 days before the Banquet.
3. Must have a minimum of a 2.5 GPA for all classes.
4. Must have a minimum of a 3.0 GPA in all agriculture class.
5. The Golden State FFA Degree Application must be filled out. The application will be scored and the student must meet the qualifications for receiving the State Farmer Degree, except for the monetary achievement. Exceptions will be made for students if they do not make the required income from their Supervised Agricultural Experience Program (SAEP).
6. Must hold Active Membership and be in Good Standing with Chapter as per The Pioneer Valley FFA Chapter Constitution and Bylaws.
7. Must have participated in a Pioneer Valley FFA fundraiser?
8. Must have competed at a contest on a career development event (CDE) or entered a SAEP in a sanctioned contest.
9. Have been enrolled in Agriculture Leadership for one term.
10. Must be on track for program completion or qualify as a program completer or earned your State FFA Degree
11. Must have scored 350 on the Pioneer Valley FFA Scorecard.

APPLICATION TO LETTER IN THE PIONEER VALLEY FFA

Name of FFA Member _____

Date: _____

Circle "Yes" or "No" for each question

1. Yes No Have you completed two years of high school agriculture classes?
2. Yes No Did you have a minimum of a 2.5 Grade Point Average for all classes?
3. Yes No Do you have a minimum of a 3.0 in all agriculture classes?
4. Yes No Is your transcript attached?
5. Yes No Do you hold Active Membership and are in Good Standing with Chapter as per The Pioneer Valley FFA Chapter Constitution and Bylaws?
6. Yes No Did you participate in a Pioneer Valley FFA fundraiser? Name one here. _____
7. Yes No Have you competed at a contest on a career development event (CDE) or judging team or entered your SAE in a sanctioned contest? Name at least one here.
8. Yes No Have you been enrolled in Ag Leadership for one term?
9. Yes No Is the Golden State FFA Degree Application filled out and attached?
10. Yes No Did you meet the qualifications for receiving the Golden State FFA Degree?
11. Yes No Have you scored a minimum of 350 points on the Points Awards Chart?***
12. Yes No If you answered "No" to question 10, and it was only because you did not meet the financial requirement of the application, circle "Yes". If you answered "Yes" to number 10, circle "Yes" here as well.

If you did not answer "Yes" to every question except #10, you did not qualify to "Letter."

Pick up Points Awards Chart from Your Advisor

The FFA Creed

I believe in the future of agriculture, with a faith born not of words but of deeds achievements won by the present and past generations of agriculturists; in the promise of better days through better ways, even as the better things we now enjoy have come to us from the struggles of former years.

I believe that to live and work on a good farm, or to be engaged in other agricultural pursuits, is pleasant as well as challenging; for I know the joys and discomforts of agricultural life and hold an inborn fondness for those associations which, even in hours of discouragement, I cannot deny.

I believe in leadership from ourselves and respect from others. I believe in my own ability to work efficiently and think clearly, with such knowledge and skill as I can secure, and in the ability of progressive agriculturists to serve our own and the public interest in producing and marketing the product of our toil.

I believe in less dependence on begging and more power in bargaining; in the life abundant and enough honest wealth to help make it so--for others as well as myself; in less need for charity and more of it when needed; in being happy myself and playing square with those whose happiness depends upon me.

I believe that American agriculture can and will hold true to the best traditions of our national life and that I can exert an influence in my home and community which will stand solid for my part in that inspiring task.

The FFA Motto

**Learning To Do,
Doing To Learn,
Earning To Live,
Living To Serve.**

To practice brotherhood, honor agricultural opportunities and responsibilities, and develop those qualities of leadership which an FFA member should possess.”

Constitution & Bylaws Pioneer Valley FFA Chapter Adopted Aug. 16, 2004

Amended May 2019

Article I: Name and Purpose

Section A: The name of this organization shall be the "Pioneer Valley Chapter of the National FFA Organization." Members are hereinafter referred as "FFA" and the letters, FFA may be used to designate the chapter, its activities, or members thereof.

Section B: The purpose for which this is formed is as follows:

1. To develop competent agricultural leadership.
2. To create and nurture a love for agricultural life.
3. To strengthen the confidence of young men and women in themselves and their work.
4. To create more interest in the intelligent choice of agricultural occupations.
5. To encourage members in the development of individual S.A.E. projects.
6. To encourage members to improve their home and community.
7. To develop character and patriotism and training for useful citizenship.
8. To participate in cooperative effort.
9. To encourage academic excellence.
10. To improve communication between chapter officers, advisors, and members, as well as with the community, parents, and school leaders.
11. To make the public aware of our chapter's successes and activities.
12. To provide fun and organized recreational activities of interest to members on a regular basis.

Article II: Organization

Section A: The Pioneer Valley FFA is a chartered local unit of the California State Association of FFA which is chartered by the National FFA Organization.

Section B: This chapter accepts, in, full the provisions in the constitution and bylaws of the California State Association of FFA as well as those of the National FFA Organization.

Article III: Membership

Section A: Membership in this chapter shall be:

1. Active
2. Honorary, as defined in the National FFA Constitution.
3. Alumni

Section B: The regular work of this chapter shall be carried out by active membership.

Section C: Honorary membership in this chapter will be limited to Honorary Chapter FFA Degree recipients.

Section D: All members who have been or currently are enrolled in an agricultural class, may vote on all business brought before the chapter.

Section E: Names of applicants for membership shall be filled with the membership committee. The function of the membership committee is to record attendance at chapter meetings and selected activities. The committee shall consist of three to five persons and records shall be accessible to the chapter at all times.

Article IV: Degrees and Privileges

Section A: There shall be four degrees of active membership in this chapter. These degrees are:

1. Greenhand FFA Degree
2. Chapter FFA Degree
3. State FFA Degree
4. American FFA Degree

All "Greenhands" are entitled to wear the regulation bronze emblem pin. All Chapter Degree holders are entitled to wear the regulation silver emblem pin. All State Degree holders are entitled to wear the regulation gold emblem charm. All American Degree holders are entitled to wear the regulation gold emblem key.

Section B: Greenhand Degree. Minimum qualifications for nomination:

1. Be enrolled in an ag ed course and have plans for an SAE
2. Learn and explain the FFA Creed, Motto, Salute, and Mission Statement
3. Describe and explain the meaning of the emblem and colors
4. Demonstrate knowledge of the FFA Code of Ethics and proper use of the FFA jacket
5. Demonstrate knowledge of the history of the organization, the chapter constitution and bylaws, and chapter POA.
6. Personally own or have access of the Official FFA Manual and FFA Student

Handbook.

7. Submit a written application for the Greenhand FFA Degree
8. Have met guidelines as stated in Article III, section D items 1 and 2 of the National FFA constitution.

Section C. Chapter Degree. Minimum qualifications for nomination:

1. Receive the Greenhand Degree
2. Complete at least 180 hours of high school instruction in age above or at the 9th grade level.
3. Have participated in the planning and conducting of at least three official functions in the Chapter POA.
4. Have earned/invested \$150 by the member's own efforts or worked at least 45 hours outside of class time, or a combination of the two. Have plans for continued growth and improvement in an SAE.
5. Have effectively led a group discussion for 15 minutes or more.
6. Have demonstrated 5 procedures of parliamentary law.
7. Show progress toward individual achievement in the FFA Award Programs.
8. Have a satisfactory scholastic record.
9. Submit a written application for the Chapter FFA Degree.
10. Have met guidelines as stated in Article III, section D items 1 and 2 of the National FFA constitution.

Section D: State Degree. Minimum qualifications for nomination:

Qualifications for the State FFA Degree are set by the constitution of the California State FFA Association.

Section E: American Degree. Minimum qualifications for nomination:

Qualifications for the American FFA Degree are set by the constitution of the National FFA Association.

Article V: Officers

Section A: The officers of the chapter shall be determined by the executive nominating committee and FFA Advisor(s) that serves on the committee as ex-officio member(s). The process will be determined by this committee that is selected by the FFA Advisor and laid out in the application. The committee will undergo scoring of application, interview, flier, video, voting, and involvement and success to determine the officer team. Announcements of officer team and respective offices will be made at the official Chapter FFA Banquet. Officers shall perform the duties of their respective offices as laid out in the FFA manual and duties given at the office retreat.

Section B: Honorary members shall not vote nor shall hold any office in the chapter except that of the Advisor.

Section C: Chapter officers must be a high school freshmen, sophomore, or junior and must hold the Greenhand Degree or must obtain the degree by the fall of his/her elected year.

Section D: Officer Impeachment (Reasons include but not limited to, poor attendance or behavior unbecoming an officer.)

1. Concern is brought forth by an officer or advisor at an officer meeting and discussed.
2. Officer in question is notified by written document and then given proper opportunity to defend themselves by the next officer meeting.
3. Probation period of one month, from the day of written document is sent, is given to the officer in question to improve on his/her duties.
4. At the end of the probation period, the officers and advisors in closed session shall determine, by 2/3 majority vote, if the officer in questions has improved or is still derelict in his/her duties. If 2/3 majority do not agree, then an impeachment notice shall be delivered in writing to the officer in question.
5. The officer in question shall be impeached as of that closed meeting.

Article VI Meeting; Conference/Convention Delegates

Section A: Regular meetings shall be held at the decision of the Chapter Officers throughout the school year. Special chapter meetings or officer meetings may be called at anytime.

Section B: Any freshmen, sophomore, or junior shall be eligible to be a delegate representing the chapter at the State Conference, National Convention, or any other leadership conference not focusing on seniors. (if the conference/convention focuses on seniors, they would be eligible to be a delegate.) Members are allowed to be a delegate once, when the chapter will pay for you. However, you may attend again at the member's expense. Nomination process is as follows:

1. Written application or verbal nomination is submitted at a general chapter meeting.
2. Officer team and Advisors select delegates.
3. Delegates are announced at next chapter meeting.

Section C: The members present at a regular chapter meeting shall constitute a quorum and a quorum must be present at any meeting at which business is transacted or a vote is taken, committing the chapter to any proposal or action.

Article VII: Dues

Section A: Dues will be paid by all active members, excluding freshmen.

Article VII: Amendments

Section A: The constitution may be amended or changed at any regular chapter meeting by 2/3 vote of the active members present, provided it is not in conflict with the State and National FFA constitutions.

Calendar of Events

FFA Activity Chart

August

- 17 Blue Jacket Bonanza Fundraiser
- 22 Welcome Back Social
- 28 Club Rush
- 29 Back To School Night

September

- 7-8 SOLC
- 18 FFA Meeting**
- 24 National Delegate Training
- 25 GLC @ Paso Robles
- 23 Chapter Op/Ci Speaking Contest
- 28 Go For the Gold

October

- 5 Opening and Closing @ PV
- 11-13 COLC

16 FFA Meeting

November

- 8 Drive Thru BBQ (All School Rally Day)
- 13 Sectional BIG & CATA Nipomo

20 FFA Meeting

December

- 11 Joint Meeting @ Santa Maria
- 12 Chapter Speaking Contest
- 16 Road Show

January

22 FFA Meeting

- 26-27 MFE/ALA (Sunday/Monday)
- 28 State Degree @ SM

February

- 11 Ag Expo
- 12 Sectional Speaking Contest @ AG

18-21 National FFA Week

- 23 Regional FFA Officer Screening
- 24 South Coast CATA Meeting
- 25-28 SLE

March

- 5 Parli Pro @ RHS
- 9 Regional Parli Pro @ Nipomo
- 20 Regional Speaking @ King City
- 25 FFA Meeting**

April

- 5 State Degree Ceremony
- 21 FFA Meeting**
- 22-26 State Conference

May

- 2 State Finals
- 5 Sectional Screening @ PV
- 6 Future Panther Night
- 21 PV FFA Banquet**

9. Recruitment Program

Recruitment Activities/ Program

Recruitment Activities each year include: Elective Exploration Day, Junior High Articulation, Elementary School Presentations, Counselor Presentations, and Future Panther Night

Elective Exploration Day is an event that takes place in January. The agriculture department, along with all other departments that offer elective classes, set up a display that shows students at Pioneer Valley what they will have the opportunity to be a part of if they choose to take these classes, including examples of different projects. This year we had three of our teachers in attendance, along with a handful of students and examples of projects from the agricultural mechanics classes.

Tyler Dickinson and Hector Guerra attend junior high articulation meetings throughout the school year to work with junior high teachers to ensure they are learning what they need to be in order to be successful in our classes in the coming years.

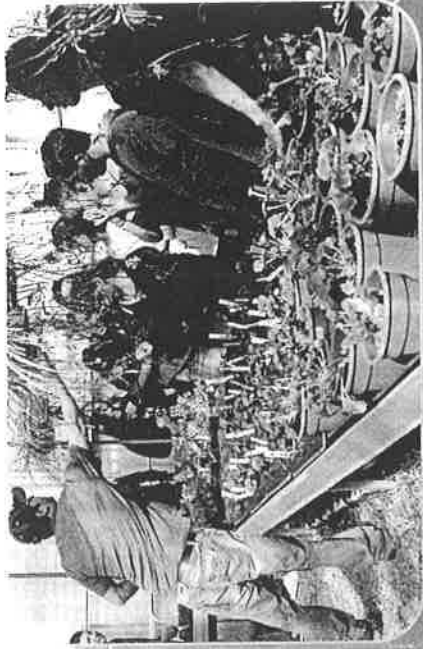
Agriculture students design and implement lessons that are then put into action during our elementary school presentations. We do our best to get the younger students excited about agriculture and hopefully see those same kids in our classes years down the road.

Our counselors do presentations at the junior highs, as well as in classes at our school. Before these presentations are done, we meet with the counselors to ensure they are passing on the correct information, as well as discussing pathways and all of the additional opportunities available for students if they choose to be a part of the agriculture department.

Lastly, we have Future Panther Night which takes place at the beginning of May. All junior high students and their families are invited to explore their options. We set up a booth to display all the great opportunities the agriculture department has to offer. From SAE projects, to public speaking, to labs in our classes, to conferences and more. All teachers are in attendance as well as students from our leadership class to take to prospective students and their families.

Agriculture Pathway

The Pioneer Valley Agriculture Pathway promotes leadership through hands on experience. Ag classes prepare students for life after high school and students are encouraged to join the Future Farmers of America club. Members have the unique opportunity to travel and experience exciting training opportunities.



Concentrator

Completer (Capstone)

Pathway

Agricultural Leadership
*Professional Communications
Certification

American Agricultural
Economics

+

=

Agriculture
Business

*Career Preparedness Certification

Agricultural
Science

+

Agricultural
Mechanics

=

Agricultural
Mechanics

Agricultural
Mechanics

+

Advanced Agricultural
Mechanics

=

Agricultural Mechanics
*AWS Welding Certification

Agriculture
Biology

+

Agricultural Chemistry

=

Agriscience

*Plant Science Certification
*Food Safety & Science Certification

Animal
Science

+

Veterinary
Medicine

=

Animal Science

*Animal Science Certification

*Veterinary Medical Certification

Ornamental
Horticultural

+

Advanced Ornamental
Horticultural

=

Ornamental
Horticultural

Additional Ag classes:

Health &
Agricultural Survey &
Agricultural Science

Students can take any Concentrator and Completer (Capstone) sequence in order to be recognized as being "Career Ready."

The student may earn an industry certification (*) in one or more areas.

What are the benefits of completing a career pathway?

- ❖ Students have a better college and career focus
- ❖ Students in pathways are more likely to graduate from college
- ❖ Students have more support from both mentors and peers
- ❖ Students are more likely to secure a competitive salary



Possible Career Opportunities:

Ag. Engineer	Ag Journalist
Agriculture Teacher	Agriculture Law
Animal Nutritionist	Agronomist
Botanist	Blacksmithing
Customs Agent	Climatologist
Diesel Mechanic	Entomologist
Ecologist	Florist
Environmental Scientist	Horticulturist
Equipment Repair/Sales	Park Ranger
Fabricator	Plant Physiologist
Food Scientist	Turf Scientist
Marine Biologist	Veterinarian
Pest Control Advisor	Vet. Technician
Pest Control Applicator	Viticulturist
Plant Pathologist	Wildlife Biologist
Range Manager	Welder

For more information about
the Agriculture Pathway
please contact:

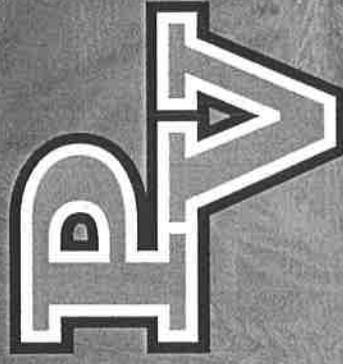
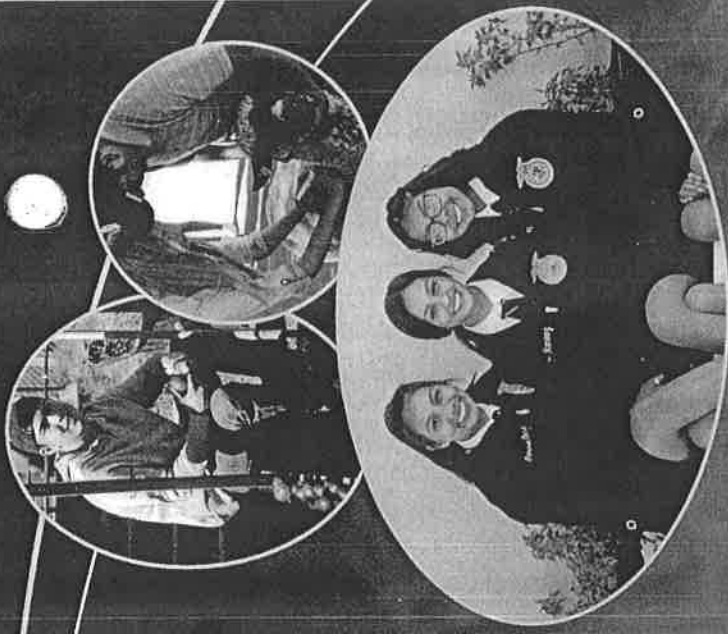
Agriculture Dept. Chair
Hector Guerra
(805) 922-1305 x5206
hguerra@smjhsd.org



Pioneer Valley High School
675 Panther Drive
Santa Maria, CA 93454
(805) 922-1305
www.pvhspanthers.org
Revision 12/17

Agriculture Pathway

All educational programs and activities under the jurisdiction of the State Board of Education shall be available to all qualified persons without regard to race, color, religion, sexual orientation, gender, national origin, marital or parental status, physical or mental disability, or any other unlawful consideration pursuant to the California Code of Regulations.



10. FFA Chapter Scrapbook

OFFICER

RETREAT

Pioneer Valley FFA hosts State Secretary
Genevieve Magli and State Vice President
Jasmine Flores, Jasmine and Genevieve
dove into our chapter with new and exciting
ways to develop as leaders. We thank our
State Officers for activating our passion and
allowing us to grow our leadership abilities.



Our chapter officer and greenhand officer team gather around the campfire at Lopez Lake. They are preparing for some activities planned by advisor, Mr. Walmsley, in order to gain some awesome leadership skills to take back for this new upcoming school year. Great job officers!



Our chapter officers and greenhand officers smile big in downtown Arroyo Grande after dinner as they are ready to embark their new year as leaders for Pioneer Valley FFA. We are so proud of you all! (Left to right, top to bottom) Jordan Vasquez, Sergio Vega, Di Cubero, Sebastian Pison, Danny Morales, Francisco Cabeliza, Nicole Cobian, Rachel Salazar, Morgan Revell, Diana Contreras, Nick Vasquez, Jafina Ramirez, Citalli Pacheco, Yvonne Nunez, and Marina Cuevas are our 2017/2018 Officer and Greenhand team!

STATE OFFICER VISIT



Pioneer Valley FFA hosts State Secretary
Genevieve Magli and State Vice President
Jasmine Flores, Jasmine and Genevieve
dove into our chapter with new and exciting
ways to develop as leaders. We thank our
State Officers for activating our passion and
allowing us to grow our leadership abilities.

Our leadership girls were able to create a bond with visiting State Officers and strengthen the already existing bond amongst each other. They created endless memories that they value. These girls are prime examples of our future women in agriculture politics, government offices and more.



The leadership class came together to host an eventful evening for our guest. Volleyball games, soccer games, dance shows, banquets, and a BBQ were some of many events that they took part in planning. From the endless laughs, unbreakable stories to new memories, the night was full of excitement and passion.



CATTLE



DRIVE THRU



The Pioneer Valley HSA Chapter holds their annual Drive-Thru HSD fundraiser in order to raise money which will be used to benefit the educational experiences of our students through judging trips, leadership conferences, charity events, speaking competitions, SAI projects, and more.



FFA Chapter Sentinel Officer Nick Vasquez preparing the bread for the fundraiser BBQ. Many FFA students came out to the event and helped with setting up, preparation, and marketing, sales, cooking, deliveries, and cleanup. Overall, it was a successful fundraiser with tons of great food and happy students.



11. Summer Activities Calendar

Summer Activity List

June

5th	Pioneer Valley High School Graduation
12th	Cow Drop Fundraiser
21st-25th	CATA Summer Conference

July

12th- 19th	Santa Barbara County Fair
13th- 16th	Regional Officer Leadership Conference
TBD	Officer Retreat

August

10th -11th	Teacher Inservice Days
12th	First Day of School

12. Graduate Follow Up Survey

Pioneer Valley Agriculture Department
675 Panther Drive
Santa Maria, Ca. 93454
(805) 922-1305

August 16, 2019

Greetings from the Pioneer Valley Agriculture Program!

We hope life after high school is going well for you, and we would like to hear from **you**. The agriculture department at Pioneer Valley High School is conducting a graduate follow-up survey. The results of this survey will help determine the quality of education agriculture graduates have received at PVHS. The survey will also assist us in determining areas of instruction that may need to be changed or improved in our program.

Enclosed is a questionnaire that is being sent to recent graduates. The information we receive will help the department evaluate the agriculture education program for current and future students. Your responses and comments are appreciated. The questionnaire and responses will be kept strictly confidential. Please return questionnaire as soon as possible in the self-addressed stamped envelope provided.

Now that you know what is going on please take the dollar and out it into your pocket. Right now! ... fill out the questionnaire, put it in the self-addressed stamped envelope and I bet it will find its way to a mail box. Thank you; enjoy a prosperous 2017 and beyond!

The PVHS Ag dept

Hector Guerra

Gabriel Ponce

Marcie Guerra

Scott Wonnell

Natalie Baldwin

Tyler Dickinson

X5207 hguerra@smjuhsd.org

X5208 gponce@smjuhsd.org

X5212 maguerra@smjuhsd.org

X5215 swonnell@smjuhsd.org

X5206 nabaldwin@smjuhsd.org

X5432 tdickinson@smjuhsd.org

GRADUATE FOLLOW-UP

Name: _____

Address: _____

Phone: _____

Email: _____

Not necessary
but may get
you an Xmas
card.

Business Name: _____

Please follow instructions and answer all questions.

Year of graduation _____

How many years of agriculture instruction did you receive? (Circle) 1 2 3 4

What are you doing at the present time?

Check the appropriate ones please.

In school, full-time _____

Working, full-time _____

part-time _____

part-time _____

In Military Service _____

Not Working, looking for a job _____

Homemaker _____

not looking for a job _____

Parent _____

Own business _____

Other _____

Is your career related to AG? Yes _____ No _____

Which single statement best describes your job?

_____ Most of the skills you learned in your vo-ag program are used.

_____ Some of the skills you learned in your vo-ag program are used.

_____ None of the skills you learned in your vo-ag program are used.

What type of school are you attending?

_____ Community College, Name _____

_____ 4-Year College/University, Name _____

_____ Trade/Technical School, Name _____

_____ Private Business School, Name _____

_____ Other _____

What is your major course of study? _____

Did your instruction help you prepare for your future?

_____ Yes _____ No

Comments: _____

Please give the following your ranking from 1-5 (1 least, 5 most).

(1-5) Which of the following are valuable parts of the FFA?

- ☐ Keeping a record book
☐ Officer and Committee Chairman Experience
☐ Judging Teams and Contests
☐ Advanced Degree and Proficiency Awards
☐ Participation in Chapter Activities, Working with Others
☐ Livestock Projects, Shows, Fairs
☐ Leadership Workshops
☐ Other, describe: _____

(1-5) The most valuable aspects of supervised projects (SOEP) are:

- ☐ Leadership skills
☐ Learning skills related to future agriculture employment
☐ Development of responsibility
☐ Learning record keeping and application

How would you rate these vocational agriculture program facilities in the following areas? Please indicate on a scale of 1-5 (1 worst, 5 best). Answer the ones you feel you know best.

	AG Mech.	Welding	AG Sci. Lab	Greenhouse	Garden
Overcrowded classroom/lab					
Adequate space in classroom/lab					
Modern					
Not enough equipment for each student					
Well Maintained					
Appropriate facilities/equipment					
Clean					
Safe					

We are currently looking at developing a 5 year plan. Do you have any suggestions?

Did your classroom teachers instruct you in a way that encouraged you to learn?

☐ Yes ☐ No

Comments: _____

How could we improve our program? _____

How do you rate the training received in our vocational agriculture program?

☐ Excellent ☐ Good ☐ Fair ☐ Poor

13. Graduate Follow Up Survey Results

Welcome,
Natalie Baldwin

CALIFORNIA AGRICULTURAL EDUCATION

Menu



California Ag Ed Online

Dashboard

Post Graduate Follow-Up

Home

Account Settings

Account Balance
 State Balance
 \$107.50
 Region Balance
 \$0.00

Student Roster
[Set Student Access Code](#)

FFA Membership

Post Graduate Data

Event Registration

CDE Field Days Registration

Livestock Insurance









State Ag Ed Data

Students by Graduation Year (30 Students) 2019

Only students with 3 or more years in Ag Ed will be shown in this list.

Save Changes

Name	FFA ID	Grad Year	Years in Ag	Grad Status
<u>Aguilar, Julio</u>	601773222	2019	3	Four Year College - Ag Major
<u>Ah Yet, Phibie</u>	601773224	2019	3	Four Year College - Non-Ag Major
<u>Cardenas, Arianna</u>	601773752	2019	4	Four Year College - Ag Major
<u>Casillas, Anthony</u>	601773756	2019	4	Two Year College - Ag Major
<u>Castillo, Natalie</u>	601773758	2019	3	Two Year College - Non-Ag Major
<u>Chavez, Josue</u>	602448289	2019	4	Two Year College - Ag Major
<u>Corral, Nallely</u>	601773767	2019	3	Employed - Fulltime - Ag Job
<u>De La Pena, Shawn</u>	601773770	2019	3	Two Year College - Ag Major
<u>Dominguez, Andrea</u>	602448484	2019	5	Four Year College - Ag Major

	Reports
	State Course Summary
	Application Center
	Directory
	Order Paper Record Books
	Go to My FFA.org Account
	Go to My AET Account
	Go to Degree/Application Manager

<u>Estrada, Lizbeth</u>	601773779	2019	3	Employed - Fulltime - Ag Job
<u>Garcia, Melissa</u>	601772332	2019	3	Location or Position Unknown
<u>Gomez, Dyan</u>	601772336	2019	3	Two Year College - Non-Ag Major
<u>Guzman, katie</u>	601772348	2019	5	Two Year College - Ag Major
<u>Hernandez, Elizabeth</u>	601772350	2019	3	Location or Position Unknown
<u>Jimenez, Eric</u>	601772748	2019	3	Employed - Fulltime - Non-Ag Job
<u>Lachino, Lesley</u>	601772752	2019	5	Four Year College - Ag Major
<u>Lazaro, Yamilet</u>	601772754	2019	3	Four Year College - Ag Major
<u>Leon, Jazmin</u>	601772756	2019	3	Four Year College - Ag Major
<u>Montez, Elias</u>	602442737	2019	3	Employed - Fulltime - Ag Job
<u>Pompa, Lizzette</u>	601773032	2019	4	Employed - Fulltime - Ag Job
<u>Reyes, Nerissa</u>	601773044	2019	3	Two Year College - Non-Ag Major
<u>Rodriguez, Leidy</u>	601773049	2019	3	Location or Position Unknown
<u>Ruiz, Baileigh</u>	601773054	2019	5	Two Year College - Ag Major
<u>Sosa, Liseth</u>	601773064	2019	5	Two Year College - Ag Major
<u>Tovar, Kayla</u>	601773069	2019	4	Employed - Fulltime - Ag Job
<u>Urias, Nathaniel</u>	602442747	2019	3	Location or Position Unknown
<u>Valdez, Alivia</u>	601773071	2019	3	Two Year College - Non-Ag Major
<u>Vargas, Brigitte</u>	601773228	2019	4	Four Year College - Non-Ag Major
<u>Vasquez, Noah</u>	601773230	2019	3	Two Year College - Ag Major
<u>Ysi Sanchez, Maria janelly</u>	602555776	2019	5	Two Year College - Ag Major

14. Comprehensive Program Plan

Comprehensive Program Plan

Pioneer Valley High School Agriculture Department's most up to date comprehensive program plan was completed in 2017. Our goal is to update our program plan in the near future.

All of the 2017 documents have been scanned and are now digital.

A Google Folder has been created and the folder can be accessed with the following link:

<https://drive.google.com/drive/folders/1YVH4WxR7bsX15mZB8UdpILoeAsTtyDB4?usp=sharing>

15. Advisory Committee Agendas

**Pioneer Valley High School
Agricultural Department
Advisory Meeting 11/19/19**

Call to order

Opening: Leadership Students

Introductions:

- Teachers
- Committee
- Special Guests

Old Business:

- FFA Report: Leadership Class
- Department Report: Mr. Guerra and Mr. Ponce
- National Trip and The Patch: Mr. Dickinson
- Proficiency Awards:
- American Degrees
- State FFA Scholarships

New Business:

- Judging Team Updates: FFA Advisors
- School Farm Update

Question and Answer Time

Adjourn

16. Advisory Committee Minutes

**Pioneer Valley High School
Agricultural Department
Agricultural Advisory Meeting 11/19/20
Minutes**

Call to order by Scott Wonnell at 5:38pm

Opening: Welcome by Scott Wonnell

Introductions: Members of the staff and Advisory Members introduced themselves, Name and Industry.

FFA Report:

Given by Paola Zarate

Shared recent successes within the FFA program including the Opening and Closing Competition results, members of PV FFA that also play a role on the Sectional and/or Regional Officer Teams, as well as the Career Development Events that will be coming up in the near future.

Department Report: Guerra & Ponce

Our student enrollment is way up and we have added new staff. New classes were discussed as well as our new pathway in Ag Business. All courses are A-G and we have the addition of Allan Hancock concurrent enrollment. The importance of program completers and using iCEV for industry certifications. We talked about AET record books being used for many different areas. From Student achievement to department funding. Our science classes are on board with new NGSS standards. Our district has welcomed a new superintendent, we are in a wait and see as he is from out of the area. School Farm and the CTE Center is still up in the air about what is going to be taught and by whom. Livestock barns should be ready by February, still not sure how it will be handled with the three schools.

National Trip & The Patch: Ponce showed a video made by the students who attended National Convention with Mr. Dickinson. 7 students went to the National FFA Convention. They spent time in Nashville before the convention and had a great time.

Dickinson is at The Patch Scholarship Night and was therefore unable to give a report. However, many of our students volunteer at The Patch and will be receiving scholarship money tonight.

FFA Report:

California State Proficiency Winner: Specialty Crop Production -Sebastian Pinon

American Degrees: Craig Lodes, Daniel (DJ) Claborn, and Gloria Contreras

State FFA Scholarship: Baileigh Ruiz(\$1000.)

Judging Teams: Each advisor gave an introduction of their judging team. Ponce--Livestock and Parliamentary Procedure, Guerra, H-- Citrus, Dickinson-- Land, Baldwin--Vegetable Crops, Guerra, M-- Marketing Plan, Wonnell-- Grape Pruning.

Advisors also discussed the public speaking areas they are working on

FFA Gear: Gabe talked about the FFA chapter apparel, showed a brief slideshow and talked about how to order apparel if interested.

FFA Boosters: The Drive Thru BBQ Fundraiser that just occurred was discussed, as well as the Spring "Cow Drop" fundraiser. Keep an eye open for tickets

Question and Answer Time:

No questions were asked, however Hector reminded the group that if anyone has anything to feel free to call, email, or come by.

Meeting was adjourned at 6:30 pm

17. Advisory Committee Constitution and Bylaws



Friends of Pioneer Valley FFA Constitution

ARTICLE 1. NAME AND PURPOSE

Section A. The name of the organization shall be the Friends of Pioneer Valley FFA.

Section B. The purpose of the organization shall be:

1. To support and promote the FFA Organization FFA activities and agricultural education on local, state and national levels.
2. To provide a tie to the FFA and to assist FFA and agricultural education personnel to involve former members and others interested in supporting worthy activities.
3. To promote greater knowledge of agricultural industry and support education in agriculture.
4. To cooperate with Pioneer Valley FFA Chapter and the CA State and National FFA Alumni Association.
5. To promote and maintain an appreciation of the American Free enterprise system.
6. To promote the personal development aspect of the FFA.

ARTICLE II. ORGANIZATION

Section A. The Friends of Pioneer Valley FFA is a chartered local affiliate of the CA FFA Alumni Association that is chartered by the National FFA Alumni Association.

Section B. The Friends of Pioneer Valley FFA accepts in full the provisions in the constitution and bylaws of the CA and National FFA Alumni Associations.

ARTICLE III. MEMBERSHIP

Membership shall be open to former active, collegiate and honorary FFA members, present and former professional agricultural educators, parents of FFA members and others interested in the FFA, upon payment of dues.

ARTICLE IV. EMBLEM

The gold FFA emblem with the word Alumni below it shall serve as the emblem of the Friends of Pioneer Valley FFA.

ARTICLE V. EXECUTIVE BODY

Section A. The executive body of the Friends of Pioneer Valley FFA shall be the Friends of Pioneer Valley FFA Council.

Section B. The Friends of Pioneer Valley FFA Council shall consist of 4 persons.

1. Person(s) elected at-large by the membership.
2. Representative(s) from (*consideration may be given to geographic locations, age, occupation, organization membership, length of residence in community, parents and other.*)
3. The current FFA Chapter representative.
4. The immediate past FFA Chapter officer.
5. Past FFA Alumni president.
6. The local FFA advisor(s) shall serve as ex-officio non-voting member(s)



Friends of Pioneer Valley FFA Constitution (Continued)

- Section C. All members of the Friends of Pioneer Valley FFA Council must be active members of the FFA Alumni, with the exception of the current FFA Chapter representative and immediate past FFA Chapter officer, and shall serve three-year terms on a staggered basis.
- Section D. The Friends of Pioneer Valley FFA Council shall select annually a president, vice-president, secretary and treasurer from the council membership. The treasurer's books should be audited annually by a qualified person.
- Section E. Duties of the officers shall be consistent with those usually appertaining to these positions.

ARTICLE VI. MEETINGS

- Section A. The Friends of Pioneer Valley FFA Council shall meet once per year. Additional meetings may be called by the president or by a majority of the council members upon petition to the secretary.
- Section B. There shall be an annual meeting of the membership of the Friends of Pioneer Valley FFA. Additional membership meetings may be called by the Friends of Pioneer Valley FFA Council.

ARTICLE VII. DUES

The annual dues of the Friends of Pioneer Valley FFA shall be recommended by the FFA Alumni Council and fixed by majority vote of members present at the annual meeting. State and national dues must be paid on a calendar membership year basis for all active FFA Alumni members. No members shall be considered an active member and in good standing unless full dues are paid.

ARTICLE VIII. AMENDMENTS

- Section A. The constitution of the Friends of Pioneer Valley FFA may be amended or changed at any regular meeting by a two-thirds vote of the active members present providing it is not in conflict with the constitution of the State or National FFA Alumni Associations. [Or voting shall be by mail ballot.] Ballots shall be submitted to the membership at least 30 days prior to the opening of the annual meeting and the ballots returned with a postmark no later than one week before the opening date of the annual meeting. Affirmation by two-thirds of those voting shall be necessary to adopt an amendment.
- Section B. Proposed amendments to the constitution of the Friends of Pioneer Valley FFA may be submitted by any active member and must be in writing and received by the secretary prior to the annual meeting. Proposed amendments shall be approved by at least three members of the FFA Alumni council before being submitted to the membership for consideration.
- Section C. Amendments to the bylaws of the Friends of Pioneer Valley FFA may be adopted to fit the needs of the chapter at any regular chapter meeting by a two-thirds vote of the active members present providing such bylaws in no way conflict with the constitution and bylaws of the State or National FFA Alumni Associations. Or alternate possibility as follows: Proposed amendments may be submitted by any active member and must be in writing and received 30 days prior to the opening of the annual meeting. Proposed amendments that have been approved for submission by two-thirds majority of the FFA Alumni Council shall be submitted to the membership at least one week prior to the opening of the annual meeting. Voting shall be at the annual meeting with affirmation by two-thirds of those present being necessary for adoption.



National FFA Alumni Association
Application for Local FFA Alumni Charter

alumni@ffa.org
317-802-4292

Application for Local Charter

We, **Ted Ponce**, Council President, and **Christy Lopez**, Council Secretary, acting as officers of the organization known as **Friends of Pioneer Valley FFA Alumni**, an organization for past, active, collegiate and honorary FFA members, and present and former professional agricultural educators, and other individuals interested in supporting agricultural education, having at present (10) members and acting for this organization, do hereby make application to be chartered as an affiliate of the FFA Alumni Association.

We are attaching to this application: 1) purposes or proposed constitution and bylaws under which we desire to operate in harmony with the CA/National FFA Alumni constitution; 2) a list of at least ten members who have paid CA/National dues and / or the names and addresses of 24 new members and payment of **\$150.00** to cover the cost of their dues; and 3) the names of our executive group with a designated president. Our FFA Alumni Council is as follows:

President: Ted Ponce

Name

113 Morro Road

Street Address

Shell Beach

City

805-714-8687

Telephone Number

CA

State

93449

Zip

Vice President: Stephanie Mendez

Name

548 Sandydale Drive

Street Address

Nipomo

City

805-931-0803

Telephone Number

CA

State

93444

Zip

Secretary: Christy Lopez

Name

702 E. Sunset Ave

Street Address

Santa Maria

City

805-598-1027

Telephone Number

CA

State

93454

Zip

Treasurer: Gina Ferguson

Name

1126 E. Kathryn Way

Street Address

Santa Maria

City

805-310-3795

Telephone Number

CA

State

93454

Zip

Other: Vicky Speer

Name

807 Paderi Street

Street Address

Santa Maria

City

805-260-3215

Telephone Number

CA

State

93454

Zip

FFA Advisor: Mr. Hector Guerra

Name

Pioneer Valley FFA

School Name

675 Panther Drive

Address

Santa Maria

City

CA

State

93454

Zip

hguerra@smuhd.org

Email

805-680-5983

Telephone Number

If granted a charter, we shall comply with the State and National Constitution and Bylaws of the FFA Alumni Association and work for the successes and purposes of the FFA Alumni Association.

We certify that the information given in this application and attachments hereto is true and correct.

FFA Advisor

Council President

Date and Place Signed

Council Secretary



Friends of Pioneer Valley FFA Bylaws

ARTICLE 1. FFA ALUMNI AFFILIATE/ASSOCIATION BYLAWS

These bylaws shall be considered a part of the constitution of the Friends of Pioneer Valley FFA.

ARTICLE II. LOCATION OF PRINCIPLE OFFICE

The principle office of the Friends of Pioneer Valley FFA shall be located at:

Pioneer Valley

(NAME OF SCHOOL, IF APPLICABLE)

675 Panther Drive

ADDRESS

Santa Maria

CITY

CA

STATE

93454

ZIP

805-922-1305

TELEPHONE NUMBER

805-922-8203

FAX NUMBER

ARTICLE III. PROCEDURE FOR SELECTION OF Friends of Pioneer Valley FFA OFFICERS

Section A. The 4 members of the Friends of Pioneer Valley FFA Council that are selected from the membership-at-large shall be elected by vote at the annual meeting. Each member in good standing shall be entitled to vote.

Section B. The 4 representative(s) from each of the following areas: President, Vice President, Secretary, Treasury shall be elected by vote at the annual meeting. Each member in good standing shall be entitled to vote.

Section C. The current FFA Chapter representative and the immediate past FFA Chapter officer shall serve as members of the council by virtue of their positions. The local FFA advisor(s) and past council president shall serve as ex-officio, non-voting members.

Section D. Whenever a vacancy occurs on the Friends of Pioneer Valley FFA Council, other than from expiration of their terms of office, the local FFA Alumni Council shall appoint a person to fill the unexpired term of office.

ARTICLE IV. DUTIES OF THE ALUMNI COUNCIL

Section A. It shall be the duty of the FFA Alumni Council to direct the operation of the affiliate/association in accordance with its constitutional purposes. It shall be responsible for planning the programs and activities in which it is advisable for the affiliate/association to participate.

Section B. The FFA Alumni Council may appoint such committees necessary to further the work of the Friends of Pioneer Valley FFA Council.



Friends of Pioneer Valley Bylaws (Continued)

ARTICLE V. TIME OF MEETINGS

The annual meeting and other necessary meetings of the Friends of Pioneer Valley FFA shall be held at such a place and time as may be prescribed by the local FFA Alumni Council. The annual meeting shall be held prior to the annual state meeting at a time either in correlation with the local FFA chapter banquet or some other appropriate time.

ARTICLE VI. FISCAL YEAR

Section A. The fiscal year of the local FFA Alumni shall be determined by the members of the affiliate according to their constitution and bylaws.

Section B. Books and records of the Friends of Pioneer Valley FFA may be inspected by any member or his agent or attorney at any reasonable time.

Section C. There shall be an annual audit of the Friends of Pioneer Valley FFA. The treasurer, or anyone authorized to handle and account for funds should be bonded in sufficient amount to protect the FFA Alumni.



THE BY-LAWS OF THE PIONEER VALLEY FFA BOOSTER CLUB

Article 1 – Name and Purpose

- Section A: The name of the organization shall be the Pioneer Valley FFA Booster Club.
- Section B: The letters FFA may be used to designate the club or the members thereof, or its activities.
- Section C: The purposes for which this organization is formed are:
1. To support and promote the Pioneer Valley FFA organization, FFA activities, and Agriculture education.
 2. To promote greater knowledge of the agriculture industry and to provide a tie between parents, teachers, students and supporters.

Article 2 – Organization

- Section A: This organization accepts in full the motto, creed, and provisions of the Constitution of the National, State and Local Associations of Future Farmers of America.

Article 3 – Officers

- Section A: The officers of the organization shall be as follows: President, Vice-President, Secretary, Treasurer and Reporter.

Officer duties are:

1. President-preside over meetings, appoint committees, ex-officio member of all committees and call special meetings.
2. Vice-President-preside over meetings in the absence of the President, and assist the President. Call special meetings in absence of the President. Send out monthly meetings agenda and newsletter.
3. Secretary-keep minutes of all regular and special meetings and handle the correspondence of the club.
4. Treasurer-maintain a record of all receipts and disbursements and collect dues. Must have executive approval for any check written over \$100.00.
5. Reporter-report all Booster Club and FFA Chapter activities to the newspaper.

Section C: Books must be audited by an auditor selected by the Executive Committee.

Article 7 – By-Laws

Section A: By-Laws will be subject to review and approval every year.

Section B: Changes in current by-laws need to be read at one monthly meeting and communicated via email and/or on the FFA website with a vote coming at the next meeting. For by-law changes or changes to be accepted, there must be a majority vote of all members present at meeting.

These by-laws are hereby amended and approved by a majority vote of members on

(insert date)

President –

Date

Vice President –

Date

Secretary –

Date

Treasurer –

Date

Reporter –

Date

5/13/08

18. Proficiency Standards

Advanced Ornamental Horticulture

-----has completed-----

Courses of study and practice in Agriculture Science and has attained a competency level of: (N/A) not applicable; (0) does not meet basic standards; (1) basic; (2) good; or (3) excellent as certified by instructor in the following skill areas:

Competency Level

- _____ Careers in Horticulture
- _____ Job Interview
- _____ Job Resume and Cover Letter
- _____ Plant Anatomy and Physiology
- _____ Weed Identification
- _____ Plant Identification
- _____ Career Planning
- _____ Plant Propagation
- _____ Greenhouse Management
- _____ Greenhouse Production
- _____ Floral Design
- _____ Wedding Portfolio
- _____ Record Keeping
- _____ FFA Organization
- _____ Landscape Design and Construction
- _____ Integrated Pest Management
- _____ Irrigation Design and Installation
- _____ Pesticide Safety and Use
- _____ Tree Care and Pruning

Certifying Instructor

Course Grade

Date

Agricultural Biology

-----has completed-----

Courses of study and practice in Agriculture Science and has attained a competency lever of: (N/A) not applicable; (0) does not meet basic standards; (1) basic; (2) good; or (3) excellent as certified by instructor in the following skill areas:

Competency Level

- _____ Careers in Agriculture
- _____ What is Biology
- _____ Job Resume and Cover Letter
- _____ Investigation and Experimentation
- _____ Cellular Biology
- _____ Genetics
- _____ Ecology
- _____ Evolution
- _____ Anatomy (Plant and Human)
- _____ Physiology
- _____ Record Keeping
- _____ FFA
- _____ Laboratory Skills

Certifying Instructor

Course Grade

Date

Agricultural Economics

-----has completed-----

Courses of study and practice in Agriculture Science and has attained a competency lever of: (N/A) not applicable; (0) does not meet basic standards; (1) basic; (2) good; or (3) excellent as certified by instructor in the following skill areas:

Competency Level

- _____ Careers in Agricultural Business
- _____ Scarcity
- _____ Job Resume and Cover Letter
- _____ Supply and Demand
- _____ Market Structure
- _____ Career Planning
- _____ Business Organization
- _____ Role of the Government
- _____ Federal Reserve System
- _____ Stock Market Portfolio
- _____ Record Keeping
- _____ FFA
- _____ Economic Institutions

Certifying Instructor

Course Grade

Date

Agricultural Mechanics

-----has completed-----

Courses of study and practice in Agriculture Science and has attained a competency lever of: (N/A) not applicable; (0) does not meet basic standards; (1) basic; (2) good; or (3) excellent as certified by instructor in the following skill areas:

Competency Level

- _____ Careers in Mechanics
- _____ Shop Safety
- _____ Job Resume and Cover Letter
- _____ Tool ID and Safety
- _____ Measuring
- _____ Career Planning
- _____ SMAW
- _____ GMAW
- _____ Oxy Fuel
- _____ Cutting
- _____ Wood Box
- _____ Record Keeping
- _____ FFA Organization
- _____ Plumbing
- _____ Electrical
- _____ Rope work and Knots
- _____ Cold Metal
- _____ Block and Concrete

Certifying Instructor

Course Grade

Date

Ornamental Horticulture

-----has completed-----

Courses of study and practice in Agriculture Science and has attained a competency lever of: (N/A) not applicable; (0) does not meet basic standards; (1) basic; (2) good; or (3) excellent as certified by instructor in the following skill areas:

Competency Level

- _____ Careers in Horticulture
- _____ What is Horticulture?
- _____ Job Resume and Cover Letter
- _____ Plant Anatomy and Physiology
- _____ Seed Anatomy
- _____ Color Wheel
- _____ Corsage Design
- _____ Round Design
- _____ Inverted T
- _____ Linear Design
- _____ Harvest Arrangements
- _____ Winter Arrangements
- _____ Wreath (Term 2) Wedding Décor (Term 4)
- _____ Record Keeping
- _____ FFA Organization
- _____ Intro to Landscape Design
- _____ Soils
- _____ Integrated Pest Management
- _____ Irrigation
- _____ Pesticide Safety and Use
- _____ Tree Care and Pruning

Certifying Instructor

Course Grade

Date

19. Credentials

Commission on Teacher Credentialing

[Log In](#)
[New Search](#)
[New Search](#)

Click here if you have any questions, please view the CTC Online - Written Instructions for Application and Payment page.

Last Known County of Employment: **SANTA BARBARA COUNTY**

Adverse and Commission Actions Indicator:

Note: Please verify County of Employment is current. If flag displayed, click the Adverse and Commission Actions tab. If no flag, review Status field under the All Documents tab to view any adverse action taken.

Last Name: **BALDWIN**
First Name: **WATKINS**
Middle Name: **JEAN**

Document: **Documents** | **Adverse and Commission Actions**

Document Number	Document Title	Status	Term	Expiration Date	Grade	Original Issue Date	Issue Date	Special Grade
190153113	Single Subject Teaching Credential	Valid	Clear	7/1/2024			7/1/2019	
170156590	Single Subject Teaching Credential	Valid	Preliminary	7/1/2022			6/21/2017	
170156589	Specialist Instruction Credential (Agriculture)	Valid	Clear	7/1/2022			6/21/2017	
150179598	Certificate of Clearance	Valid		10/1/2020		9/9/2015	9/9/2015	

1 - 2 of 2

Authorization Code

Subject Code

Subject Description

Major/Minor

Added Authorization Date

RTS

AGRI

This document authorizes the holder to teach the subject area(s) listed in grades twelve and below, including preschool, and in classes organized primarily for adults. The following instructional services may be provided to English learners within the content area(s) listed on this document: (1) English language development defined as instruction designed specifically for limited-English-proficient students to develop their listening, speaking, reading, and writing skills in English; and (2) specially designed content instruction delivered in English defined as instruction in a subject area, delivered in English, that is specially designed to meet the needs of limited-English-proficient students. This English learner authorization also covers classes taught on the basis of other valid, non-emergency credentials or permits held within the settings or content/specialty area(s) listed at the grade or age levels authorized.

MAJ

ELAS

NONE

MAJ

20. Department Calendar of Activities

2019-2020 Pioneer Valley FFA Activity Chart

August

- 17 Blue Jacket Bonanza Fundraiser
- 22 Welcome Back Social
- 28 Club Rush
- 29 Back To School Night

September

- 7-8 SOLC
- 18 FFA Meeting
- 23 Chapter Opening/Closing Speaking Contest
- 24 National Delegate Training
- 25 GLC in Paso Robles
- 28 Go For the Gold Sectional Games

October

- 5 Santa Barbara Section Opening and Closing Competition
- 11-13 COLC in Hollister
- 16 FFA Meeting

November

- 8 Drive Thru BBQ
- 13 Sectional BIG & CATA at Nipomo
- 20 FFA Meeting

December

- 11 Joint Meeting at Santa Maria
- 12 Chapter Speaking Contest

16 CATA Road Show

January

22 FFA Meeting

26-27 MFE/ALA in Monterey

28 State Degree Scoring at Santa Maria High School

February

11 Tulare World Ag Expo

12 Sectional Speaking Contest at AGHS

18-21 National FFA Week

23 Regional FFA Officer Screening

24 South Coast CATA Meeting at Cuesta College

25-28 Sacramento Leadership Experience

March

5 Parli Pro at RHS

9 Regional Parli Pro at Nipomo

20 Regional Speaking Competiton at King City

25 FFA Meeting

April

5 State Degree Ceremony

21 FFA Meeting

22-26 State Conference

May

2 State Finals at Cal Poly

5 Sectional Officer Screening at PVHS

6 Future Panther Night

21 PV FFA Banquet

21. Professional Development Activities

Professional Development for 2019-2020 School Year

- August 8, 2019 Santa Barbara Section CATA Meeting at Guerras Home
- August 8, 2019 Santa Maria Joint Union High School District Professional Development centered around technology use in the classroom
- October 13, 2019 Fall Regional CATA Meeting in Hollister, CA
- November 6-7, 2019 New Professionals Institute in Fresno, CA
- November 13, 2019 Santa Barbara Section CATA Meeting in Nipomo, CA
- December 16, 2019 South Coast Region Road Show at Cal Poly San Luis Obispo
- January 13, 2020 Pioneer Valley High School Professional Development
- February 24, 2020 Spring Regional CATA Meeting at Cuesta College
- February 25, 2020 CAASP and NGSS Training for Science Teachers at the Santa Barbara County Education Office
- June 21-25, 2020 CATA Summer Conference at Cal Poly San Luis Obispo

22. R-2 Report

Course Information

COURSE	ADVISOR	PERIOD	STUDENTS
Agriculture and Soil Chemistry	Natalie Baldwin	5	32
Agriculture and Soil Chemistry	Natalie Baldwin	6	33
Agriculture and Soil Chemistry	Natalie Baldwin	7	26
Introduction to Agriscience	Natalie Baldwin	2	62
Introduction to Agriscience	Natalie Baldwin	4	25
Agricultural Biology	Tyler Dickinson	1	27
Agricultural Biology	Tyler Dickinson	2	33
Agricultural Biology	Tyler Dickinson	3	37
Agricultural Biology	Tyler Dickinson	6	35
Agricultural Environmental & Earth Science	Tyler Dickinson	5	31
Agricultural Biology	Hector Guerra	5	4
Agricultural Biology	Hector Guerra	7	19
Agriculture Business Management	Marcie Guerra	4	26
Graduate - American Degree	Hector Guerra	0	3
Introduction to Agricultural Mechanics	Hector Guerra	2	19
Introduction to Agricultural Mechanics	Hector Guerra	3	23
Introduction to Agriscience	Marcie Guerra	3	32
Introduction to Agriscience	Marcie Guerra	6	34
Introduction to Agriscience	Marcie Guerra	7	33
Introduction to Ornamental Horticulture	Hector Guerra	4	18
Other Agriculture Business Course	Marcie Guerra	5	27
Other Agriculture Mechanics	Hector Guerra	6	26
Other Ornamental Horticulture	Hector Guerra	4	3
Ag Communications & Leadership	Gabriel Ponce	1	28
Introduction to Agriscience	Gabriel Ponce	1	1
Introduction to Agriscience	Gabriel Ponce	2	31
Introduction to Agriscience	Gabriel Ponce	3	27
Introduction to Agriscience	Gabriel Ponce	6	31
Other Animal Science	Gabriel Ponce	4	25
Veterinary Science	Gabriel Ponce	5	13
Agricultural Biology	Scott Wonnell	3	17

23. Travel Request Form

**Santa Maria Joint Union High School District
REQUEST FOR PRIOR APPROVAL FOR CONFERENCE**

RECEIVED

OCT 10 2019

MUST BE RECEIVED BY BUSINESS SERVICES AT LEAST 2 WEEKS PRIOR TO THE EARLIEST REGISTRATION DEADLINE

Date of Request 8/21/19 Date of Conference 2/24/20
 Name Natalie Baldwin Dept. Agriculture School Site PVHS
 Destination California Agriculture Teacher Association Purpose Professional Development
Cuesta College (no abbreviations) Spring Meeting (no abbreviations)
 Funding Source VEA

ESTIMATE EXPENSES:

Hotel _____ \$ _____ Prepay _____
 Registration _____ \$ Paid Prepay ☒
 Transportation _____ \$ Agriculture
 Meals _____ \$ 71
 Substitutes _____ \$ 114
TOTAL _____ \$ 185

APPROVAL OF ESTIMATED EXPENSES

Department Chair: _____
 Site Administrator: _____

CATEGORICAL ACCOUNTABILITY

PLAN TITLE _____
 APPROVAL DATE _____ GOAL _____
 PAGE _____ SECTION _____
 SPECIAL PROJECTS SIGNATURE _____

This portion should be completed immediately upon return from conference.

REIMBURSEMENT

R20-02351

ITEMIZED EXPENDITURES

DATE	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	TOTAL
Lodging (attach receipt)								
Meals: Breakfast		18.00						
Lunch		19.00						
Dinner		34.00						
Registration/Conference Fee (attach documentation)								30.00
Mileage (attach Mapquest)								
Vehicle Rental (attach receipt)								
Other (Specify)								
		71.00						71.00

I hereby certify that the above is a true and correct statement of my actual and necessary expenses incurred while on official business for the school district.

Natalie Baldwin 2/26/2020
 Claimant's Signature Date

Total Expense

Less Registration 1583973 <30.00>
 Less Lodging _____
 Less Other _____

TOTAL CLAIM 71.00

APPROVAL FOR PAYMENT OF FINAL EXPENSES

DEPARTMENT CHAIR: _____ Date _____

SITE ADMINISTRATOR: _____ Date _____

SPECIAL PROJECTS: _____ Date _____

FOR DISTRICT USE ONLY /APPROVAL FOR PAYMENT

01-3550-0-3800-2140-5220-400-1010-0000
 Account Number

Account Number

Business Services

Date

PVHS FIELD TRIP ITINERARY

(FORM A)

Directions for Staff: Please complete this form and return to Karine Perez @, Administrative Assistant.
Student pre-arranges should be provided upon final approval.

Funding for Transportation: Ag Funding for Sub: VEA Cell Phone: Yes ☐ No ☐
Number of Students: 7 Number of Adults: 1 (female) 1 (male)

NOTE: Out-of-state-trips require school Board approval and the following information is to be attached to this request: 1) statement of purpose for trip 2) names of students and 3) names of chaperones.

APPROVED: [Signature] DATE: 2/21/20
Principal/Asst. Principal

• Parents may request a copy of this Itinerary for their information.

PERSON IN CHARGE: Natalie Baldwin
DATE(S) OF EVENT: 3/6/2020 - 3/7/2020
EVENT/ACTIVITY: U.C. Davis Field Day
LOCATION OF EVENT: U.C. Davis
HOTEL NAME: Country Inn and Suites
HOTEL PHONE #: 707-676-5000
DEPARTURE (Location & Time): Friday March 6 Ag Dept 8am
RETURN (Location & Time): Saturday March 7 Ag Dept 12am
TRANSPORTATION: Ag

All bus requests are done online now. Only the Athletics Director, Activities Director and each Department head can enter field trips.
Anyone wanting to book a field trip can email Daniel Murillo, D.O. Transportation, with their funding source and she can tell you who to see for entering the trip.

PRICE OR COST: Food
ATTIRE: Casual/FFA Uniform

BEHAVIOR: Any student in inappropriate attire or involved in inappropriate behavior will be disciplined according to Pioneer Valley High School's Discipline Policy and parents will be contacted.

MEDICATION: If a student needs to bring medication, they are to give it to the instructor, along with a written order and release form signed by the prescribing physician and parent.

APPROVALS NEEDED: Completed Pre-arranged Absence Form and Release of Liability Form with parent/guardian's signature.

AT EVENT CELL 1): 805-264-7593 CELL 2):
(In case of emergency, chaperone cell phone(s) should be on during the entire field trip)

PHONE NUMBER FOR QUESTIONS BEFORE THE TRIP: 805-922-1305 ext. 5206

FOR OFFICE USE ONLY:

Route copies to:
☐ Karine Perez ☐ Business Office ☐ Attendance ☐ Walters ☐ District ☐ Maintenance*

*For events that are outside of the regular maintenance day: 6 AM - 11 PM Mon-Fri / 7 AM - 11 PM Sat-Sun

Cell Number: (805) 878-8155

24. CATA Membership

**CALIFORNIA AGRICULTURAL
TEACHERS' ASSOCIATION**

Natalie Baldwin

**SERVING AGRICULTURE BY TEACHING
2019/2020 ACTIVE MEMBER**

25. Professional Development Report

Reflection Submitted to Administration After Attending Professional Development Activity

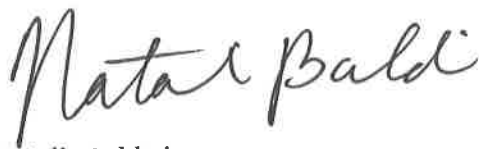
Principal Herrera and Respective Administration Team Members,

I would like to sincerely thank you for allowing me the opportunity to attend the New Professionals Institute last month. I write this reflection to you with a grateful heart. I have had the opportunity to attend this Institute for three years now, and I get more and more out of it every year. Not only do I grow as a teacher from the skills I learn at the various workshops that are available to me, but I also grow as a person as I have the chance to meet with my peers and discuss life outside of school and this is equally important.

This past year I attended workshops on a variety of topics including: NGSS in the classroom, effective leadership teams, Supervised Agricultural Experience projects and how to implement them in your own program, and lastly on growing as an individual and professional development outside of the Institute. I learned some great strategies for teaching NGSS science that I have slowly begun to implement in my classroom and I really have begun to see how effective they are and just how much more my students understand and comprehend when my teaching strategies change. As a department, one of our goals is to increase the percentage of our students that have an SAE project and that record their project in the AET online record book. Tyler Dickinson, another member of my department, also attended this workshop and I believe if we put our heads together we can definitely achieve this goal.

All teachers should get out of the classroom on a regular basis and continue to learn and challenge themselves. The New Professionals Institute allowed me to do just that and I look forward to other professional development activities in the future that will do the same if not more for me. Thank you for allowing me this opportunity! I can't wait to implement what I learned in my classroom!

Sincerely,



Natalie Baldwin
Agricultural Instructor

26. Five Year Requisition

Pioneer Valley High School
Agriculture Department
5 Year Acquisition Plan
2019-2020

1. Cover for Shop Area
2. Ventilation System Wall Mount System
3. Plasma Cam (needs to be installed)
4. Wood/Steel Racks
5. Gas Bottle Storage (in progress)
6. Natural Gas/Propane lines in Lab and Shop
7. Forge Equipment
8. Sea Train
9. BBQ Pit Trailer (near completion)
10. Farm Bots
11. Farm Stand
12. Plotter Printer
13. Walk in Floral Freezer
14. Orchard
15. Hoop House
16. Metal Bandsaw
17. 16ft Flatbed Trailer
18. Smoker
19. Security System
20. 8th Grade recruitment Promotional Material
21. 6th Ag Teacher
22. New Classes
 - a. Viticulture
 - b. Ag Botany
 - c. Landscape Design and Construction

27. Current Operating Budget

Current Operating Budget

Pioneer Valley High School Agriculture Department started with the following funds in August 2019:

1. Ag Incentive Grant **\$23,852.00**

Accounts for about 81% of what we qualify for.

This must be spent this year, and must be matched with another source, and can be spent on anything but not on salaries/substitute teachers

2. VEA or Perkins **\$33,537.02**

Must be spent this year and cannot be consumables

3. Ag Department **\$11,107.06**

This can be carried over from year to year

Santa Maria Joint Union High School District uses a fully electronic budgeting system called Escape. All of the money is tracked through this program by Hector Guerra, one of our department heads.

Attached is an excel sheet of how our budget used to be kept track of before Escape started being used in our district.

PVHS AG DEPARTMENT 2014-2015 BUDGET

		AIG	VEA	DEPT	CCPT	TOTAL	BALANCE
					ref#9630		
	STARTING FUNDS						
1	Subs		2,240			2,240	
2	Travel and Conference	1,512	2,700			4,212	
3	B&B Steel						
4	CATA Inservice						
5	Central City Tools						
6	Equiptment Replace & Repair						
7	Farm Supply						
8	FFA Leadership	268	268			535.5	
9	Floral Supply Syndicate						
10	Fuel						
11	Hayward Lumber						
12	Seeds				93.55	93.55	
13	McConkey	750			750	1,500	
14	Office Depot						
15	Orchard Supply Hardware						
16	Praxair	1,750			1,750	3,500	
17	FFA Awards Pin/Letter/Plaques						
18	Skyline Flowers						
19	Streator Pipe						
20	Ultrex Copier						
21	Vehicles						
22	Vehicle Maintenance	1,300		1,300		2,600	
23	Flinn Science						
24	GreenHand						
25	MFE/ALA	115	115			230	
26	STATE Conference						
27	Cal Poly Bus						
28	Paper						
29	Scantron				197.55	197.55	
30	COLC (Hollister)						
31	SW Ink (lazer printer)						
32	Copies						
33	Banquet Coffee						
34	Cow Palace						
35	GreenHand extra pins						
36	CATA Confrence	340		340		680	
37	GreenHand Bus						
38	All American						
39	P.C. Mechanical				3,210	3,210	
40							
41							
42	Reimbursements						
43	Guerra	307.085		307.085	81.06	695.23	
44	Ponce				50	50	
45	Linne				32.41	32.41	
46	Wonnell						
47	Encumbered						
48	TOTAL						
49	BALANCE						

PVHS AG DEPARTMENT 2014-2015 BUDGET

	AIG	VEA	DEPT	CCPT	TOTAL	BALANCE
50 Tek Supply (EZ Cart)						
51 Home Depot (GP)	500			500.00	1,000	
52 Brisco				150.00	150	
53 Harbor Frieght		329.94		300	630	
54 Lincoln Electric (Rod)				546.10	546.1	
55 Apple Grafting/Advisory						
56 Suburban final payment						
57 B&B addition (Mini Pits)						
58 FFA Awards (ffa.org)						
59 SunGro				400	400	
60 DeWalt Chop Saw				210	210	
61 SB Sectional Mtg						
62 FFA Leadership	51	51			102	
63 Reward Trip!(DODGER)						
64 AlumLine Popper (7')				2,525	2,525.00	
65 Belt/Disc Sander				940	940	
66						
67						
68 Camcorder Cannon (BestBuy)		800.00			800	
69 Sullivans Blower (Air Express II)	215	215.00			430.00	
70 Sullivan Supply	2,008.53		2,008.53		4,017.05	
71 Encumbered						
72 Total						
73 Balance						

Actual

28. District/Department Budgeting Process

Description of District/Department Budget Process

Santa Maria Joint Union High School District uses a budgeting program called Escape. All data, numbers, and paperwork is submitted electronically by the department head and then it gets approved through the chain of command at the District Office. Once transactions are approved by all the necessary parties, if there are necessary funds, the money can be spent. The most common accounts we use in the agricultural department are the Ag Incentive Grant account, the VEA or Perkins account, and the Agricultural Department account. Hector Guerra, our department chair in charge of the budget and funding is in charge of this entire process.

29. Department Chairperson Responsibilities

Gabriel Ponce and Hector Guerra are co-department chairs for the Agriculture Department at Pioneer Valley High School.

30. Chart of Responsibilities

**STAFF ASSIGNMENTS AGRICULTURE DEPARTMENT
PVHS 2019-2020**

ASSIGNMENT	HG	NB	SW	GP	TD	MG
SCHOOL						
SMALL STOCK AREA			X			
TRAILERS	X					
VEHICLE Maintenance	X					
DEPARTMENT CHAIRS	X			X		
FFA OFFICER TEAM				X		
Greenhand Officer Team					X	
FFA BUDGET				X		
Sound System				X		
CURRICULUM COUNCIL	X					
FFA BOOSTERS ADVISOR				X		
AG SHOP	X					
AG LAB		X				
GREENHOUSE/SHADE HOUSE	X					
GARDEN					X	
ORCHARD/VINEYARD	X					
Blue Jacket Bonanza (Harvest) 8/17			X		X	
8 grade Articulation	X					
BACK TO SCHOOL NIGHT 8/29	X	X	X	X	X	X
FUTURE PANTHER NIGHT 5/6	X	X	X	X	X	X
FFA MEETINGS						
Welcome Back Social 8/22				X		
Sept 18-Ponce				X		
Oct 16-Baldwin		X				
Nov 20-H. Guerra	X					
Dec. Joint Meeting 12/11					X	
Jan 22-T. Dickinson					X	
FFA Week 2/18-2/21						X
March 25-Wonnell			X			
April 21-Ponce				X		
FFA Banquet 5/21				X		
AWARDS APPS						
Hall of Chapters					X	
Superior Chapter/National Chapter	X					
Star Administrator					X	
Star Advisor						X
Star Counselor				X		
Star Supporting Faculty			X			
Star Reporter						X
State Academic Scholarship						X
Web Page Award		X				
WEBSITE Social media		X				

STAFF ASSIGNMENTS AGRICULTURE DEPARTMENT
PVHS 2019-2020

ASSIGNMENT	HG	NB	SW	GP	TD	MG
AG ADVISORY COMMITTEE			X			
R-2 (8/30/19)	X	X	X	X	X	X
CATA LEADERSHIP DEVELOPMENT	X	X	X	X	X	X
SCHOLARSHIP COMMITTEE	X					
Ag Expo-TUESDAY 2/11		X	X		X	
Chapter Op/CI Contest 9/23	X	X	X	X	X	X
O/C CONTEST (Oct 5/2019)	X	X	X	X	X	X
OFFICER ELECTIONS				X		
PROJECT COMP		X			X	
Sectional FFA				X	X	
SOLC				X	X	
Go for the Gold Games TBD				X	X	
FUNDRAISERS						
Drive Thru BBQ Nov. 8th	X	X	X	X	X	X
Cow Drop June 12th	X	X	X	X	X	X
FAIR						
JR LIVESTOCK ASSOC			X			
SHEEP AND GOATS				X		
SWINE	X					
BEEF		X			X	
POULTRY (BROILER/TURKEY)		X			X	
RABBITS			X			
FEATURE BOOTH						X
AG MECH	X					
Conferences						
GREENHAND CONFERENCE				X		X
MFE/ALA		X			X	
SLE				X		
STATE CONFERENCE		X		X	X	
COLC				X		
PARADES			X-Mas		ELKS	
COMMITTEES						
COMMUNITY SERVICE		X				
Social Media		x				
Creation					x	
Recruitment					x	
Fundraising	x			x		
Advertisement				x		
Thank You	x					
FFA Week						x

STAFF ASSIGNMENTS AGRICULTURE DEPARTMENT
PVHS 2019-2020

ASSIGNMENT	HG	NB	SW	GP	TD	MG
Greenhand Activity Fall-Spring					X	
Parade			x		x	
Apparel	X					X
STATE DEGREE APPLICATIONS	X	X	X	X	X	X
STATE DEGREE BANQUET	X	X	X	X	X	X
AMERICAN DEGREE APPLICATIONS	X	X	X	X	X	X
National Delegate Training				X		
JUDGING TEAMS	Citrus	TBD	Pruning	Livestock	Land	TBD
Chaper Speaking Contest Dec 12	X	X	X	X	X	X
Sectional Speaking Contest Feb 12	X	X	X	X	X	X
Public Speaking						
Creed				X		X
Impromptu					X	
Prepared		X				
Extemp	X					X
Job Interview				X		
Co Op						X
Parliamentary Procedure		X				
JUDGING TEAM REGISTRATION	X			X		
PROFICIENCY	X	X	X	X	Chair	X
FFA/ASB ACCOUNTS						
Guerra Judging	X					
BEEF					X	
FFA GENERAL				X		
O.H.	X					
Wonnell Judging			X			
SHEEP/GOATS				X		
SMALL ANIMALS						
Tyler Judging					X	
SWINE	X					
Ponce Judging				X		

31. Substitute Teacher Procedures and Plans

Sub Plans for Ms. Baldwin for Wednesday, October 23rd 2019

Thank you so much for subbing for me! My students are pretty good and should behave for you like they do for me. If issues arise with any of my students, please write their name down and I will deal with it when I get back tomorrow. There are bathroom passes on the front filing cabinet and a sign out sheet next to the door. Phones should be away.

The white binder on my desk has the seating charts and important student information in it.

Please take roll by marking a line through the student's name using an expo marker if they are absent and a T if they are tardy. I will put it in the system when I return

NO STUDENTS are allowed in the lab behind my classroom.

Periods 2 and 4—Ag Science

Students just completed a lab yesterday. Today they need to:

1. Complete page 24 in their packets IN COMPLETE SENTENCES. Please inform them that it will be worth 15 points, 3 points per question and will be grade on accuracy rather than completeness so they need to do a good job on it.
2. Complete the Summary for Concept 3 on the bottom of page 19 in complete sentences.
3. Add two questions to page 19

(You can write this on the board to avoid repeating yourself)

When they finish they can turn their packets into the box. I will grade Pages 19 -24 when they are turned in.

Periods 5, 6 and 7—Ag Chemistry

Students were assigned an element on Monday. Today they need to:

1. Complete their "Adopt an Element Fact Sheet"—they were given these on Monday as well and extras are found in the absent bin in the front of the classroom. In order to complete these and do the research they need to use their tablet and they were told to bring their tablet yesterday.
2. Once they complete this please inform them that they should be creating a plan to complete this project. I.E. what materials will they use? What will it look like? Etc. OR they can study their flashcards on Quizlet for their quiz Monday.

Thank you for taking my classes. If you need to reach me you can email me at nabaldwin@smjuhsd.org. I will be on campus with other teachers planning curriculum.

Thanks!

Sub Plans for Ms. Baldwin for November 6-7th, 2019

Thank you so much for subbing for me! My students are pretty good and should behave for you like they do for me. If issues arise with any of my students, please write their name down and I will deal with it when I get back, or if necessary I have left some referral forms for your use. There are bathroom passes on the front filing cabinet and a sign out sheet next to the door. Phones should be away during class.

The white binder on my desk has the seating charts and important student information in it.

Please take roll and make sure to mark students tardy if they arrive after the bell rings.

NO STUDENTS are allowed in the lab behind my classroom.

All handouts and supplies needed are on the black table by my desk for chemistry--test, scantrons, periodic tables and the handout for Thursday)

Wednesday November 6, 2019

Periods 2 and 4—Ag Science

1. Students need to complete page 6 in their packets titled Practice Distance vs Displacement. If they don't finish in class it becomes homework and I will stamp it when I return on Friday. They will need calculators to do this and they can check their calculator out behind my desk from the organizer. PLEASE make sure all calculators get returned before the bell rings and students are dismissed. They are NOT ALLOWED to use their phone as a calculator!

Periods 5, 6 and 7—Ag Chemistry

1. Today students will be taking their Periodic Table and Atoms Test. Each student needs a copy of the periodic table with cover slip on it, a scantron, and a test.
2. Please have students put their name on both the scantron and the test and collect one of each from each student in all classes when they finish. However, they need to answer all questions on the scantron itself. MUST BE ANSWERED IN PENCIL!
3. Before you hand out the test, everything needs to be off of their desks except for the test, the scantron, the periodic table, a calculator and a pencil.
4. Please walk around while they are testing and keep an eye out for wandering eyes.
5. There are absolutely NO PHONES AND NO TALKING DURING TESTING.
6. Collect all tests, periodic tables, and scantrons and you can leave them on my desk.

Thursday November 7, 2019

Periods 2 and 4—Ag Science

2. Students need to complete page 7 in their packets titled Speed and Velocity Practice. If they don't finish in class it becomes homework and I will stamp it when I return on

Friday. They will need calculators to do this and they can check their calculator out behind my desk from the organizer. PLEASE make sure all calculators get returned before the bell rings and students are dismissed. They are NOT ALLOWED to use their phone as a calculator!

1.

Periods 5, 6 and 7—Ag Chemistry

1. Students need to complete the worksheet titled Number of Atoms in a Formula/Gram Formula Mass
2. Please remind them for the Number of Atoms in a Formula side to distribute if there are exponents and the number on the line should be all of the atoms in that compound added up
3. Please remind them for the Gram Formula Mass side to take the Atomic Mass listed on the Periodic Table for each element and add it all up and write that number on the line.
4. For both sides some form of work needs to be shown
5. I have left a key for your reference

Thank you so much for taking my classes. If you need to reach me you can email me at nabaldwin@smjuhsd.org. Mrs. Guerra at extension 5212 or Mr. Guerra at extension 5207 (right next door) are members of my department and would be able to assist you if need be.

Thanks again!


Natalie Baldwin

Sub Plans for Ms. Baldwin for Monday, December 16th, 2019

Thank you so much for subbing for me! My students are pretty good and should behave for you like they do for me. If issues arise with any of my students, please write their name down and I will deal with it when I get back, or if necessary I have left some referral forms for your use. There are bathroom passes on the front filing cabinet and a sign out sheet next to the door. Phones should be away during class.

The white binder on my desk has the seating charts and important student information in it.

Please take roll and make sure to mark students tardy if they arrive after the bell rings.

NO STUDENTS are allowed in the lab behind my classroom.

Periods 2 and 4—Ag Science

1. Please remind students that their final for this class is tomorrow—Tuesday!
2. They need to spend the class period finishing their poster project and/or preparing for their presentation.
3. They can listen to music if it helps them focus but they should not be on their phone.
4. Please also remind them that today is the last day to turn in any makeup/late work for the semester.

Periods 5, 6 and 7—Ag Chemistry

1. Please remind students that today is the last day to turn in any makeup/late work for the semester.
2. They need to spend the class period working on their final exam study guide, creating their “cheat sheet” or getting their binders in order for the binder check.
3. They can listen to music if it helps them focus but they should not be on their phone.

Thank you for taking my classes. If you need to reach me you can email me at nabaldwin@smjuhsd.org. I will be off campus! Thanks!



Natalie Baldwin

32. Program Completer Description

Program Completer Application

Name: _____

List all the Agriculture classes you have completed in your 3 or 4 years.

What was your one advanced agricultural class? (Circle all that apply, minimum of one)

Animal Science

US Economics (Agriculture)

Advanced OH

Advanced Ag. Mech.

Agricultural Leadership and Communications

Which year did you receive your Chapter FFA Degree? (Verify by FFA Record Book)

Which Chapter office or leadership committee did to fulfill? (Minimum One)

Year _____

Position _____

Year _____

Position _____

Year _____

Position _____

List your S.A.E. projects. (Verify by FFA Record Book)

Year _____

Project _____

Year _____

Project _____

Year _____

Project _____

Year _____

Project _____

List your community service activities. (Minimum of 10 hours, Verify by FFA Record Book)

List one event you attended above the chapter level.

Your overall GPA must be a 2.5 or higher and you GPA in Agriculture must be 3.0 or higher. (Verified by Transcript) Also you must submit all your record books that will be used to verify the answers given on this application. **Must attend FFA Banquet**

Student Signature: _____ Date: _____

Advisor Signature: _____ Date: _____

Pioneer Valley High School Program Completers

I am sure that you will agree that this years graduating class is certainly and exceptional one. The PVHS Agricultural Department is very proud of our graduate candidates and we would like to recognize a few of the program completers with a graduation sash/cord.

Minimum Requirements for FFA Sash/Cord Recipients

- ✓ Must meet all graduation requirements set by Pioneer Valley High School
- ✓ Program Completer as defined by VEA standards
- ✓ Have successfully completed the cycle or series of courses offered by the program including completion of a capstone course: Advanced Agricultural Mechanics, Advanced Ornamental Horticulture, Agricultural Economics, Animal Science
- ✓ Have been an active FFA member for a minimum of three years
- ✓ Have received the FFA Greenhand Degree, Chapter Degree, and possibly the State Degree
- ✓ Show community involvement with two or more activities totaling a minimum of ten volunteer hours
- ✓ Have an ongoing SOEP (Supervised Occupational Experience Project)
- ✓ Have actively participated in the Chapters program of activities
- ✓ Have participated in at least ten distinctly school activities
- ✓ Open and current record book project in last year
- ✓ 2.5 GPA overall and 3.0 in AG.
- ✓ At least one event above the chapter level
- ✓ Member in good standings

Congrats Seniors!!!



33. Articulation Agreements

Concurrent Enrollment with Allan Hancock College

- “2+2” is no longer being supported by the State of California and Allan Hancock College cannot offer it without violating current regulations.
- New articulations agreements will be signed, hopefully, soon and will offer a direct “credit by examination” to students who are enrolled in articulated classes and passed them with an A or B.
- As for concurrent enrollment, these courses are considered regular college credit courses that are offered at the high schools and are taught by college approved high school teachers.

There are two parts to this process:

Part 1 – AHC and HS administration

1. High school administration submits an official request with proposed courses and instructors for each academic year.
2. All proposed instructors submit a resume, cover letter, part-time faculty application, and college transcripts along with a high school request.
3. If approved, instructors go through the AHC HR process and are considered AHC part-time faculty.
4. Courses are scheduled at the high schools based on high schools', AHC academic calendars, and AHC course outline of record.

Part 2 – Students

1. Students meet with their high school counselor and identify the classes they wish to take.
 2. Students submit an admission application online.
 3. Students complete a petition for enrollment, appeal (if needed), and provide an unofficial transcript.
 4. Paperwork is processed by admissions and records.
 5. Students are enrolled in classes back-office.
- The required paperwork is attached

- All other relevant information can be found at:

<https://www.hancockcollege.edu/concurrentenrollment/index.php>



Concurrent Enrollment/College Now! Petition for Enrollment
2019-2020

It is the student's responsibility to obtain all required signatures on this form prior to enrolling. Electronic signatures not accepted.

Please circle which semester you plan to enroll: FALL SPRING **Year:** _____

Concurrent Enrollment/College Now! Student Information:

Please print legibly, using blue or black ink and do not leave any blanks

Last Name: _____ First Name: _____ Middle Initial: _____

AHC Student ID Number: **H** _____ (mandatory)

10 digit Phone Number where you can be reached: _____

Personal Email address: _____ High School Grade: _____

Name of High School you are attending: _____

By signing this form, I, understand and agree to the conditions for enrollment listed on the reverse side of this form. I also understand that I will be administratively dropped for failure to pay fees incurred with my registration transaction. **My signature permits AHC to contact my guidance counselor, my parent, or myself via phone or email regarding any registration transactions associated with this petition.**

Student Signature: _____ **Date:** _____

PARENT/GUARDIAN: I have read the conditions for enrollment and I approve of the courses and conditions under which a high school student may enroll at Allan Hancock College. I understand that failure to comply with rules and regulations will be cause for dismissal. By signing below, I give consent for my child/ward to receive care from Allan Hancock College Health Services as needed or requested. I also understand that my child will be administratively dropped for failure to pay fees incurred with his/her registration transaction. Parental consent is required for ALL **Concurrent Enrollment/College Now!** students. (Consent required in emergencies or cases exempt by law.)

Parent/Guardian Signature _____ Date _____

Emergency Contact Person _____ Emergency Contact Person Phone Number _____

PROPOSED ALLAN HANCOCK COLLEGE COURSES

(Please list in order of preference – you may not enroll in courses that are not listed below; nor may you enroll in more than 6 units)

Circle Class Period	Course Title & Number (IE: DANC 120)	Units	Principal/Designee Approval & Signature	Please sign full signature using blue or black ink, only.
1 2 3 4 5 6 7			Print Name:	
Teacher:	CRN:		Signature:	
1 2 3 4 5 6 7			Print Name:	
Teacher:	CRN		Signature:	

AHC Office Use: The initials below verify that the AHC staff member has verified the student meets the conditions of CN enrollment for the term listed above:

SGASTDN _____ HS Signature _____ Verify Courses _____ SOATEST if applicable _____ AHC SHATERM GPA _____

CNOW SFASRPO _____ Prerequisite Met, if applicable _____ (SOATEST OR SHATERM) AHC Signature: _____

CAHOLD CN Hold Ended: _____ SGASADD HSCE Attribute Entered: _____

Allan Hancock College **Concurrent Enrollment/College Now!** Conditions for Enrollment
2019-2020

1. All high school students should first meet with their high school counselor or guidance technician to discuss eligibility for enrollment. A principal or designee signature on this Petition for Enrollment is required and will indicate to Allan Hancock College that the coursework is not available at the high school.
2. With the exception of PROD 301, the **Concurrent Enrollment/College Now!** program is open to high school students in junior or senior status, only. **Concurrent Enrollment/College Now!** students may take up to a maximum of **6 units** in summer, fall, and spring semesters and winter intersession.
3. **Concurrent Enrollment/College Now!** students must complete the Allan Hancock College online admissions application, in addition to the **Concurrent Enrollment/College Now!** Petition for Enrollment. This **Concurrent Enrollment/College Now!** Petition for Enrollment is valid for the requested term only.
4. **Concurrent Enrollment/College Now!** students may only enroll in courses on the approved list. **Concurrent Enrollment/College Now!** students must meet the prerequisite for all courses in which they enroll, whether through courses successfully completed or through the appeal process.

The **Concurrent Enrollment/College Now!** student is required to bring the following information to the Testing Center: A photo ID; and the student's AHC ID number (obtained when submitting the application for admission);
5. Students who wish to take courses must meet the stated academic prerequisites or co-requisites. Pre/co requisites are listed in the AHC catalog or current semester class schedule and are marked on the approved list with an asterisk; a ★ next to the course requires an audition. High school students **are not** eligible to take courses at AHC if the courses are available at the high school.
6. If a student registers for a non-approved course they will be administratively dropped from the course by the Admissions and Records office and informed by campus email of the action taken.
7. Once a **Concurrent Enrollment/College Now!** student has obtained all of the necessary signatures, he or she must submit their completed **Concurrent Enrollment/College Now!** Petition for Enrollment, along with high school transcripts to their high school concurrent enrollment staff member. *Concurrent enrollment students who are enrolling in PROD 301, only, are not required to provide HS transcripts.*
8. The total number of units earned and grades received while enrolled in Allan Hancock College courses are recorded on the student's college transcript and are part of his/her permanent record.
9. The enrollment fee is waived for **Concurrent Enrollment/College Now!** students. However, **all other fees apply**, unless otherwise noted in the instructional services agreement between AHC and the specific high school – **Concurrent Enrollment/College Now!** students must verify fees due with their high school.
 - a. If a **Concurrent Enrollment/College Now!** student appeals the unit limitation, and is approved for 12 or more units, **the enrollment fee is no longer waived and ALL fees apply.**
10. Online Registration is available to **Concurrent Enrollment/College Now!** students. Please see the current schedule of classes for **Concurrent Enrollment/College Now!** Online Registration dates and times.
11. Once enrolled, **Concurrent Enrollment/College Now!** students have the same rights and responsibilities that apply to all enrolled college students. Refer to the Student Records-Family Educational Rights and Privacy Act (FERPA) located in the current college catalog or on the **Concurrent Enrollment/College Now!** information page.
12. Allan Hancock College assumes no responsibility for the attendance records of **Concurrent Enrollment/College Now!** students.
13. **Concurrent Enrollment/College Now!** enrollment is limited to students who reside and are enrolled in Santa Barbara and San Luis Obispo county high schools and home schools only.
14. A **Concurrent Enrollment/College Now!** student is expected to complete all class requirements, maintain a 2.0 grade point average or higher in all college courses, and adhere to Allan Hancock College's Guidelines for Student Conduct (refer to the College Catalog).
15. Receiving substandard grades and/or failure to complete course work may result in academic probation as well as affect future financial aid eligibility.
16. Failure to comply with any of the conditions listed above and/or registering for non-approved courses/units will result in being administratively dropped from those courses/units and a loss of future **Concurrent Enrollment/College Now!** privileges.
17. High schools will only receive proof of work completed at Allan Hancock College **if the student requests** that an official transcript be mailed to the school once the semester is completed or authorize the high school to obtain the grades by completing a Student Authorization to Release Information form.
18. **Student, Parent, and Principal/Designee—please read the following information carefully:** By entering a college environment, students who are minors will be exposed to educational settings designed for the adult learner that may involve topics that might be considered controversial in the secondary school setting. Also, if a class does not meet at its scheduled time (i.e. class ends early or is canceled), Allan Hancock College does not inform parents/guardians nor will staff or the instructor assume responsibility for student once class is released.
19. **HIGH SCHOOL PRINCIPAL OR DESIGNEE:** California Education Code requires that students who still enrolled in high school wishing to enroll at a California Community College must be recommended by their principal or his/her designee. By signing this, the principal or his/her designee has made the determination, based on the appropriate Allan Hancock College assessment, that the student is prepared for and can benefit from college level coursework, and is recommended to enroll in the following courses for the semester noted above, and that the student has exhausted all opportunities to enroll in an equivalent course at his or her school of attendance. The instructor of record is legally prohibited from signing this form as the principal's designee.



Concurrent Enrollment/College Now! Appeal

Valid only for requested semester/term

If you believe that the matriculation procedure or service is being applied in a discriminatory manner, an appeal may be filed. On the second page of this form, please write a descriptive statement explaining the reason for your appeal. Attach a copy of your high school transcript and AHC transcript (if applicable) and any pertinent documentation to support your request as to why you wish to take a course(s) at AHC. A letter of recommendation from a high school administrator or high school counselor is highly recommended.

Procedure:

1. **Complete** this appeal form (you must also submit the **Concurrent Enrollment/College Now!** Petition for Enrollment and a copy of your HS transcripts.)
2. **Submit** completed form to the office of the Dean, Student Services by the scheduled deadline. Refer to the counseling website under "Important Dates".
3. **Notification:** Students will be notified via myHancock student e-mail of the decision by the office of the Dean, Student Services. The review process takes up to 5 working days. (If you do not hear from the Counseling Department within 5 working days, you may call 805 922 6966 ext. 3293 to determine the outcome of your appeal.)
4. **If approved**, you will be cleared to enroll.

TO BE COMPLETED BY THE STUDENT (please print clearly using dark ink and do not leave any section blank):

Full Name

Student Signature and Current Date

H

AHC Student ID#

Semester Student is Requesting Appeal

Personal E-mail Account

Student's 10-digit Phone Number

Matriculation procedure or service being appealed: Check the option(s) that applies to you.

- | | |
|--|--|
| <input type="checkbox"/> Freshman/Sophomore Eligibility* | <input type="checkbox"/> Out-of-District High School |
| <input type="checkbox"/> AHC Grade Point Average (GPA)* | <input type="checkbox"/> Other |
| <input type="checkbox"/> Excess Units: If approved, how many total units for the semester are you requesting: _____
(if approved for 12 or more units, the enrollment fee is no longer waived, and all fees are applicable) | |

*If approved, College Now students may take a maximum of 6 units per semester. If a course requires an English or math placement that was not fulfilled by courses completed at your high school, you may be required to take the START assessment in our Testing Center.

List requested courses:

Course Name (i.e. ENGL 101)

Units

Course Name (i.e. ENGL 101)

Units

Course Name (i.e. ENGL 101)

Units

Course Name (i.e. ENGL 101)

Units



Appeal and required signatures continues on back

Student Name: _____ AHC Student ID Number H _____

Signatures Required:

Parent/Guardian Signature and Date

Approved High School Administrator Signature and Date

To be completed by the student.

Write a **detailed** statement explaining why it is important to approve this appeal. *Do not leave blank. (you may use additional paper if necessary)*

TO BE COMPLETED BY THE DEAN OF STUDENT SERVICES/ COUNSELING:

☐ **Approved**

☐ **Denied**

Comments:

Signature, Dean of Student Services or designee

Date

FOR AHC OFFICE USE ONLY:

Student Notified: _____
Date & Initials

Appeal Entered: _____
Date & Initials

Concurrent Enrollment

*Allan Hancock College Planning Retreat
February 2017*

Problem Statement

Concurrent Enrollment has grown from 3 courses at 1 area high school in fall 2014 to 45 courses at 10 area high schools in spring 2017. The program currently serves 1,253 students at the following high schools:

Cabrillo High School	Pioneer Valley High School
Cuyama Valley High School	Refugio High School
Ernest Righetti High School	Santa Maria High School
Lompoc High School	Santa Ynez High School
Orcutt Academy High School	St. Joseph High School

Background

- | | |
|--|---|
| <ul style="list-style-type: none"> • Challenges <ul style="list-style-type: none"> ✓ Program Coordination ✓ Dedicated time and opportunities for high school teachers and college faculty to meet and plan ✓ Course rigor and quality | <ul style="list-style-type: none"> • Opportunities <ul style="list-style-type: none"> ✓ Increase program effectiveness |
|--|---|

Assumptions

- | | |
|--|--|
| <ul style="list-style-type: none"> • Internal Assumptions <ul style="list-style-type: none"> Participants are: <ul style="list-style-type: none"> ✓ more likely to graduate from high school ✓ more likely to transition to and persist in postsecondary education ✓ more likely to accumulate more college credits than comparison students ✓ less likely to take basic skills courses in college | <ul style="list-style-type: none"> • External Assumptions <ul style="list-style-type: none"> Participants are: <ul style="list-style-type: none"> ✓ provided with access to curriculum not offered at the high school ✓ better prepared to succeed in college ✓ able to reduce the total cost of college attendance |
|--|--|

Resources

- | | |
|---|--|
| <ul style="list-style-type: none"> • Existing Resources <ul style="list-style-type: none"> ✓ Concurrent Enrollment Taskforce ✓ New Project Director, K-12 Partnerships, CWE, and Career Development ✓ New <i>Concurrent Enrollment Student/Parent Handbook</i> | <ul style="list-style-type: none"> • Additional Resources Needed <ul style="list-style-type: none"> ✓ Stipends for high school teachers and college faculty to align curriculum, plan for remediation/acceleration, and develop seamless educational pathways ✓ Professional development ✓ Data |
|---|--|

Strategies and Activities

1. Align high school and the college curriculum
2. Develop seamless educational pathways, especially in Career Technical Education areas.
3. Address remediation and/or acceleration before students arrive on the college campus
4. Provide dedicated time and opportunities for high school teachers and college faculty to meet and plan
5. Provide joint high school-college professional development opportunities
6. Establish a Concurrent Enrollment research agenda

Outputs

- ✓ Joint curriculum and pathway development
- ✓ Professional development activities
- ✓ Concurrent Enrollment research agenda

Outcomes

- ✓ Curriculum that is better aligned, addresses the needs of remedial students, and provides students with a seamless pathway to education and/or work
- ✓ High school instructors who are better prepared to address the needs of college students
- ✓ Students who are more focused and better prepared once they arrive on the college campus
- ✓ Increased decision-making tools

ARTICULATION AGREEMENT

Allan Hancock College and Pioneer Valley High School

Statement of Intent

This agreement enables students to receive college credit and/or a prerequisite waiver for coursework at the secondary level comparable to coursework offered at Allan Hancock College. Course Articulation is based upon achievement of competencies through a course, or courses, as defined herein, which specifies the conditions of the course's articulation agreement.

Terms of Agreement

This agreement shall remain in force for three years but shall be reviewed for consideration every two years and/or upon significant changes to either course(s). This review will include examination of up-to-date course outlines and discussion of current teaching methodologies and stated competencies. Either party to the agreement may terminate this agreement at the close of any school year by proper written notice delivered to the President of Allan Hancock College or to the Superintendent of the secondary or ROP education institution.

Other Terms, Procedures & Conditions

Both Allan Hancock College and secondary education faculty will participate in training, implementation, and maintenance of the CATEMA (Career and Technical Education Management Application) System for tracking and granting credit for student completion of articulated courses when initiated by Allan Hancock College.

Articulation Program Area: Industrial Technology

Allan Hancock College and Pioneer Valley High School agree to articulate the following courses:

High School/ROP Course

Course Title: Agricultural Mechanics-Advanced

articulates with

Allan Hancock College Course

Course Title: WLDT106 Beginning Welding

☒ Credit by examination with grade and or prerequisite waiver for the articulated course listed above will be awarded if the following criteria are met:

1. The student has completed the articulated course listed above with a grade of B or better.
2. The student must enroll at Allan Hancock College within three (3) years from the semester date which the course was completed at the secondary level.
3. The student has complete one of the following Allan Hancock College courses with a grade of C or better: **WLDT107**

Articulation Agreement Date: 3/31/2016

Expiration Date: 6/30/2019

Allan Hancock College

North County ROP

Pioneer Valley High School

Dean, Academic Affairs

Director, North ROP

Principal

Department Chair

High School Department Chair

ARTICULATION AGREEMENT

Welding Technology 106
Beginning Welding CRN 20469

Allan Hancock College
Fall 2015

Gabriel Marquez
(805) 922-6966 ext. 3298
gabriel.marquez@hancockcollege.edu

Course Description:

A course in the theory, practice, and application of various metal joining processes, including oxyacetylene welding, brass brazing, flame cutting, and electric arc processes, and an introduction to both TIG and MIG welding. (GR/P/NP)

Student Learning Outcomes:

1. Use gas and electric welding equipment safely.
2. Develop basic welding skills using both the shielded metal arc and oxyacetylene process in flat position.
3. Flame weld thin sheet steel in the flat and horizontal positions.
4. Perform SMAW process on mild steel.
5. Perform basic flame cutting operations

Grading:

Your final grade in this class will be derived from the following:

20% Homework/writing assignments

50% Lab assignments

20% Test scores

10% Pocket book and other assignments

It is very important that you be in regular attendance for class, and that you are on time. Part of the training you receive is in workmanship and dependability. There are two factors that can negatively affect your grade in this class. They are as follows:

1. Ten (10) unexcused tardies will make it impossible to receive a grade higher than a "C" in this class.
2. It is a recognized fact that in the welding program students enjoy working in the lab much more than in the classroom. However, in your training both lecture and lab are equally important and unexcused absences may cause you to lose lab time.
3. Students who do not complete homework assignments will be limited in lab time.
4. In an effort to give the best opportunity for students to use some equipment in the lab students will be assigned times to cut shop material for classes. All students will learn how to set gages and make cuts on material to be used in the lab.

Text:

Bowditch, Modern Welding 11th Edition

ARTICULATION AGREEMENT

Test & Assignments: (All chapters will be assigned weekly)

Tentative schedule

CHAPTER	DUE
1. Safety pre-test.	8/18/2015
2. 1 st written assignment "Why are you taking this class".	8/25/2015
3. CH 12 Oxyfuel Gas Welding pg. 321	9/1/2015
4. CH 13 Oxyfuel Gas Cutting Equipment and Supplies pg. 397	9/8/2015
5. CH 14 Oxyfuel Gas Cutting pg. 409	9/15/2015
6. CH 16 Brazing and Braze Welding pg. 455	9/22/2015
7. CH 9 Gas Metal and Flux Cored Arc Welding pg. 267	9/29/2015
8. Note Book check and Mid-term Exam	10/6/2015
9. CH 6 Shielded Metal Arc Welding pg. 153	10/13/2015
10. CH 5 Shielded Metal Arc Welding and Supplies pg. 117	10/20/2015
11. CH 3 Welding Joints, Positions and Symbols pg. 45	10/27/2015
12. 2 nd written assignment "Is the class what you expected"	11/3/2015
13. CH 1 Safety in the Welding Shop pg. 13	11/10/2015
14. CH 8 Gas Tungsten Arc Welding pg. 231	11/17/2015
15. Start Practical Final	11/19/2015
16. Note Book check	11/24/2015
17. Review	12/1/2015
18. Finish Practical Final	12/3/2015
19. Written Final Exam	12/8/2015

There will be 2-3 writing assignments during the semester worth 5 points each

34. Reimbursement Process

Reimbursement Process for Personal Expenses

The reimbursement process for Pioneer Valley Agriculture Department varies based upon the account that the reimbursement will come out of. For the FFA account, paperwork must be submitted to the Business Office and approved ahead of time for a given amount. Once the money has been spent, receipt(s) are turned into the Business Office and a check will be cut to the recipient.

If the money is coming from the Boosters account, a request for reimbursement form must be filled out, receipt(s) must be attached to the form and the Booster Treasurer will ensure there are sufficient funds in the account and if so a check will be cut to the given recipient.

If the reimbursement is coming from department funds, receipts are given to Hector Guerra, department head in charge of finances, and he handles the paperwork and reimbursement.

Section 2

The Project--Agricultural Chemistry Curriculum



Goal or Purpose of the Project:

The goal of this project is to update the Agricultural Chemistry curriculum that can be implemented in the Agricultural Chemistry course at Pioneer Valley High School. The curriculum needs to be updated to the current Next Generation Science Standards Chemistry in the Earth System course curriculum.

Objective:

Develop Agricultural Chemistry curriculum that focuses on hands-on learning and real life application, as well as prepares students for post secondary education and the workforce.

Timeline:

Approximately 180 hours (an hour each school day)

September 2019- June 2020

Process:

The process to complete this project started with a conversation with the science department TOSA at Pioneer Valley High School. By next school year they are hoping for all science courses to be NGSS at our site. I began contacting teachers who have taught or are currently teaching an Agricultural Chemistry course. I worked with science teachers at the last site I was at San Luis Obispo High School, and was able to pull resources from that experience. From conversations with fellow educators, resources and pacing guides were shared. With these resources, I created curriculum that focuses on hands-on learning and real life application. I will inform Cal Poly faculty of my progress via email and share documents as they are created.

Project:

The Agricultural Chemistry curriculum is attached. See following pages.

Agricultural Chemistry Curriculum

A Project Presented to
the Faculty of
California Polytechnic State University
San Luis Obispo
Agricultural Communication and
Education Department

In fulfillment of the Requirements for
Agricultural Education 539

By
Natalie Baldwin
Spring 2020

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Unit 1- Combustion and Unit Conversions

- Safety and Lab Equipment
- Combustion and Calorimetry
- Measurement
- Heat Transfer
- Dimensional Analysis, Significant Figures and Scientific Notation

Unit 2- Atoms, Elements and Molecules

- Atomic Structure
- Periodic Table
- Bonding-- Ionic, Covalent and Metallic
- Bohr Models

Unit 3- Chemical Reactions

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- Balancing Chemical Reactions
- Writing Out Chemical Reactions
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- Stoichiometry

Unit 4- Heat and Energy in the Earth System

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- Energy Transfer
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- Calorimetry
- Plate Tectonics, Earthquakes and Waves
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- Greenhouse Gases and the Greenhouse Effect
- Energy Plans for the Future

Unit 6- Dynamics of Chemical Reactions and Ocean Acidification

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- Marine Life Impacts
- Chemical Equilibrium
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- Molarity