

Basic Course Information

Semester	Spring 2014	Instructor Name	Dr. Patrick Pauley
Course Title & #	AG 250 Vegetable Crop Production	Email	Patrick.pauley@imperial.edu
CRN #	20210	Webpage (optional)	n/a
Room	2732	Office	2765
Class Dates	01/21/2014 - 03/12/2014	Office Hours	n/a for part-time faculty
Class Days	Mon. - lecture & Wed. - lab	Office Phone #	760-355-6363
Class Times	08:00 – 11:45	Office contact if student will be out or emergency	Dept Secretary 760-355-6201 760-355-6155
Units	3 total		

Course Description

This course addresses the principles involved in vegetable crop production, covering the world's principle vegetable crops, with emphasis on the development, production, ecology, harvesting, packaging, marketing, global trade, and consumer issues of the major vegetable crops grown in California. (CSU)

Student Learning Outcomes

Upon course completion, the successful student will have acquired new skills, knowledge, and or attitudes as demonstrated by being able to:

1. Identify and discuss biotechnical advancements in the production of vegetable crops (ILO1, ILO2, ILO4).
2. Identify and discuss trends that influence vegetable production here and abroad (ILO1, ILO2, ILO4, ILO5).
3. Identify and discuss vegetable crops relevant to the Imperial Valley, California and the USofA (ILO1, ILO2, ILO4).

Course Objectives

Upon satisfactory completion of the course, students will be able to:

1. Become familiar with the principles of commercial field and greenhouse vegetable production with emphasis on the Imperial Valley and California industry.
2. Become familiar with the origin, history, classification, breeding, and biotechnology of vegetable crops.
3. Understand the proper techniques and equipment for seeding, transplanting, and cultivating vegetables in general and in specific crops, for both conventional and organic production.
4. Learn the edible parts, different growth stages, and proper identification of vegetable crops.
5. Become familiar with pollination, pollination ecology, and integrated pest and weed management activities in vegetable crop production.
6. Understand the role fresh market buyers and processors have in specific crops and appreciate marketing options and production contracts, including issues relating to genetically engineered crops, organic production, and marketing alternatives such as farmer's markets.
7. Understand global trade issues as they affect California vegetable production..

Textbooks & Other Resources or Links

1. Swiader, J.M. and G.W. Ware (2001). *Producing Vegetable Crops* Prentice Hall.
2. Optional: Singh, R. (2006). *Genetic Resources, Chromosome Engineering, and Crop Improvement Vol. 3: Vegetable Crops* Boca Raton: CRC

Course Requirements and Instructional Methods

Writing assignments: You are expected to demonstrate proficiency in the use of the English language. Grammatical errors and writing that does not express ideas clearly will affect your grade. Students who are unable to write correctly and have trouble expressing ideas clearly are urged to contact the appropriate campus resources for assistance. (see additional help below)

Out of Class Assignments: The Department of Education policy states that one (1) credit hour is the amount of student work that reasonably approximates not less than one hour of class time and two (2) hours of out-of-class time per week over the span of a semester. WASC has adopted a similar requirement.

Course Grading Based on Course Objectives

Class grading will be based on points in the following distribution:

- Attendance and Participation* in class & course related events 100 points
- Exams (2 exams, with true/false, short answer, multiple choice, and short essay questions.
No make-up exams. Each of the 2 exams is worth 100 points) 200 points
- Assignments 200 points

*You are expected to read the assigned material before coming to class. This will enable you to participate in the class discussions. Being able to interact in this manner will have positive effects on your quiz and exam performance

Grading Scale

- A = 100 – 90%
 - B = 89 – 80%
 - C = 79 – 70%
 - D = 69 – 60%
 - F = < 59%
- Final grades will not be further adjusted as any “rounding” will be done on individual exams, quizzes or assignments.

Attendance

Required language

- A student who fails to attend the first meeting of a class or does not complete the first mandatory activity of an online class will be dropped by the instructor as of the first official meeting of that class. Should readmission be desired, the student’s status will be the same as that of any other student who desires to add a class. It is the student’s responsibility to drop or officially withdraw from the class. See General Catalog for details.
- Regular attendance in all classes is expected of all students. A student whose continuous, unexcused absences exceed the number of hours the class is scheduled to meet per week may be dropped. For online courses, students who fail to complete required activities for two consecutive weeks may be considered to have excessive absences and may be dropped.
- Absences attributed to the representation of the college at officially approved events (conferences, contests, and field trips) will be counted as ‘excused’ absences.

Classroom Etiquette

- Electronic Devices: Cell phones and electronic devices must be turned off and put away during class unless otherwise directed by the instructor. Failure to comply with such rules will earn you the opportunity to give

a 5-minute oral presentation on a topic of the instructor's choice during the next class period or to receive an automatic deduction of 20 points from your overall course score/grade.

- Food and Drink are prohibited in all classrooms. Water bottles with lids/caps are the only exception. Additional restrictions will apply in labs. Please comply as directed.
- Disruptive Students: Students who disrupt or interfere with a class may be sent out of the room and told to meet with the Campus Disciplinary Officer before returning to continue with coursework. Disciplinary procedures will be followed as outlined in the General Catalog.
- Children in the classroom: Due to college rules and state laws, no one who is not enrolled in the class may attend, including children.

Academic Honesty

- Plagiarism is to take and present as one's own the writings or ideas of others, without citing the source. You should understand the concept of plagiarism and keep it in mind when taking exams and preparing written materials. If you do not understand how to correctly 'cite a source', you must ask for help.
- Cheating is defined as fraud, deceit, or dishonesty in an academic assignment or using or attempting to use materials, or assisting others in using materials, or assisting others in using materials, which are prohibited or inappropriate in the context of the academic assignment in question.

Anyone caught cheating or will receive a zero (0) on the exam or assignment, and the instructor may report the incident to the Campus Disciplinary Officer, who may place related documentation in a file. Repeated acts of cheating may result in an F in the course and/or disciplinary action. Please refer to the General School Catalog for more information on academic dishonesty or other misconduct. Acts of cheating include, but are not limited to the following: (a) plagiarism; (b) copying or attempting to copy from others during an examination or on an assignment ;(c) communicating test information with another person during an examination; (d) allowing others to do an assignment or portion of an assignment, (e) use of a commercial term paper service

Additional Help – Discretionary Section and Language

- Blackboard support center: <http://bbcrm.edusupportcenter.com/ics/support/default.asp?deptID=8543>
- Learning Labs: There are several 'labs' on campus to assist you through the use of computers, tutors, or a combination. Please consult your college map for the Math Lab, Reading & Writing Lab, and Learning Services (library). Please speak to the instructor about labs unique to your specific program
- Library Services: There is more to our library than just books. You have access to tutors in the learning center, study rooms for small groups, and online access to a wealth of resources.

Disabled Student Programs and Services (DSPS)

Any student with a documented disability who may need educational accommodations should notify the instructor or the Disabled Student Programs and Services (DSP&S) office as soon as possible. The DSP&S office is located in Building 2100, telephone 760-355-6313 if you feel you need to be evaluated for educational accommodations.

Student Counseling and Health Services

Students have counseling and health services available, provided by the pre-paid Student Health Fee. We now also have a fulltime mental health counselor. For information see <http://www.imperial.edu/students/student-health-center/>. The IVC Student Health Center is located in the Health Science building in Room 2109, telephone 760-355-6310.

Student Rights and Responsibilities

Students have the right to experience a positive learning environment and due process. For further information regarding student rights and responsibilities please refer to the IVC General Catalog available online at http://www.imperial.edu/index.php?option=com_docman&task=doc_download&gid=4516&Itemid=762

Information Literacy

Imperial Valley College is dedicated to help students skillfully discover, evaluate, and use information from all sources. Students can access tutorials at <http://www.imperial.edu/courses-and-programs/divisions/arts-and-letters/library-department/info-lit-tutorials/>

Anticipated Class Schedule / Calendar

A tentative or provisional overview of the reading, assignments, tests, or other activity for the duration of the course will be discussed and distributed during class.

Date or Week	Activity, Assignment, and/or Topic	Pages/ Due Dates/Tests
Week 1 01/22/2014	<ul style="list-style-type: none"> • Read Chapter 1 of required textbook • Research the predominant vegetable crops in Imperial County and the primary crops that were historically produced over the past 25 years or more. Develop some hypotheses as to the influential factors in the change(s). Prepare your synopsis in report-form using tables, graphs and text. Suggested sources include: IID’s annual reports of irrigated acreage, Imperial County Agriculture Commissioner’s annual production reports, and discussions with industry seed/chemical sales representatives or growers/producers, etc. 	Due: 1/29/2014
Week 2 Jan 27 & 29	<ul style="list-style-type: none"> • 	
Week 3 Feb 3 & 5	<ul style="list-style-type: none"> • 	
Week 4 Feb 10 & 12	<ul style="list-style-type: none"> • 	
Week 5 Feb 17 & 19	<ul style="list-style-type: none"> • 	
Week 6 Feb 24 & 26	<ul style="list-style-type: none"> • 	
Week 7 Mar 3 & 5	<ul style="list-style-type: none"> • 	
Week 8 Mar 10 & 12	<ul style="list-style-type: none"> • • March 12 – Final 	