Course:
HORT 450 C, Small Fruit Production; 1 credit
Shepardson, Room 102 from 2:00-2:50 T, R

Instructor: Dr. Jennifer Bousselot, Instructor, Department of Horticulture & Landscape Architecture
Office Hours: by appointment jmbouss@rams.colostate.edu (720) 810-5748

Course Description: Small fruit production issues related to temperate zone small fruit crops.

Objectives:
1. Learn the components of small fruit production focusing on cultural requirements, cultivar selections, common pests, harvesting, processing, and marketing.
2. Learn sources of current and reliable fruit production information.
3. Observe first-hand tree fruit and small fruit production practices in northern Colorado.

Grading system:
1. Quizzes on lecture materials and reading assignments. This will also be a form of capturing class participation as you will have to be in class to know the material for the quizzes. Quizzes will be released approximately one hour after each class and due by the next class period.
2. You will complete a Three Minute Thesis (3MT) in the form of a video. Choose one topic within small fruit culture that interests you and create a three minute video presentation. Use and cite at least two scientific sources. Your video must be more than 2 minutes and less than 3. You will have to politely comment on at least three other students’ videos to receive full credit. Upload your video to YouTube.com and post your presentation on RamCT under the 3MT Assignment by 5 pm on Friday, December 6th.
3. Final exam on Monday, December 16th at 9:40-11:40 a.m.

Grading Points:
1. Quizzes (14), 10 pts each, on RamCT 140 pts A = 315-350
2. Field Trip (was Sept 20th) 30 pts B = 280-314
3. 3MT Video 80 pts C = 245-279
4. Final exam 100 pts D = 210-244
   350 pts F < 210

References:
2. Selected journal articles, grower’s publications, and weblinks will be posted on RamCT.

Topic Outline
October 22..........Introduction
October 24..........Strawberries
October 29..........Strawberries
October 31..........Strawberries
November 5.........Brambles
November 7.........Brambles
November 12.........Brambles (Tim Ferrel)
November 14.........Cranberries

Topic Outline
November 19..........Blueberries
November 21..........Gooseberries & Currants
November 26, 28.....Thanksgiving Break
December 3..........Grapes (Carol O’Meara)
December 5..........Grapes (John Martin)
December 10.........Grapes
December 12.........Other specialty fruits
Finals Week..........Final exam
Field Trip Make-up Option: 30 points

Due: Friday, December 6th by 5pm to Jen at jmbouss@rams.colostate.edu

This assignment is for individuals who did not attend the all-day field trip on Friday, September 20. You are to answer the questions below, based on the scenario given. Use complete sentences, proper grammar and if necessary, cite your sources. Keep your answers to no more than two (2) typed, single-spaced pages. Remember—more is not always better! You may be able to answer the questions in a concise manner in just a few paragraphs. This assignment should be emailed to Jen (jmbouss@rams.colostate.edu) by 5 pm on Friday, December 6th, 2013. Grades will be recorded in RamCT under Field Trip. For many of you, these scenarios are what you may face in your future career choices. You are welcome to use any resources—books, individuals, online resources (.edu-based sources are preferred over .com) or lectures given in class.

The Scenario: After completing your degree at Colorado State University, you accept a position with a local Extension office. Your role, as the horticulture/natural resources agent, is to assist homeowners and small farmers with their questions. A local farmer emails you:

“Hi. My name is Gilbert Grape and I am currently farming a small parcel of land (about 2 acres) in northern Colorado. I am growing some vegetables to sell at a local farmers’ market, but want to start selling small fruits. I was considering growing strawberries, raspberries and currants. Do you think any of these would be better options? Do you have any cultivar suggestions? What insects or disease should I be concerned about when selecting my fruit trees? I can use about half an acre of land but do not want spend much time in the spring on the fruits as I am busy with vegetables at that time. I am able to produce vegetables very easily on my land and have good quality water. Are there any cultural practices I need to consider (e.g. vegetation between rows, spacing, water needs, planting practices, etc.)? Thanks for your help!”