AGRI 101 Course Outline as of Spring 2017

CATALOG INFORMATION

Dept and Nbr: AGRI 101 Title: INTRO AG CAREERS
Full Title: Introduction to Agricultural Careers
Last Reviewed: 12/12/2023

Units		Course Hours per Week		Nbr of Weeks	Course Hours Total	
Maximum	2.00	Lecture Scheduled	2.00	17.5	Lecture Scheduled	35.00
Minimum	2.00	Lab Scheduled	0	6	Lab Scheduled	0
		Contact DHR	0		Contact DHR	0
		Contact Total	2.00		Contact Total	35.00
		Non-contact DHR	0		Non-contact DHR	0

Total Out of Class Hours: 70.00 Total Student Learning Hours: 105.00

Title 5 Category:	AA Degree Applicable
Grading:	Grade or P/NP
Repeatability:	00 - Two Repeats if Grade was D, F, NC, or NP
Also Listed As:	
Formerly:	

Catalog Description:
This class will provide an overview of the full variety of agriculture careers. Students will explore different fields of study, career options, and requirements to achieving career goals. A special focus will be placed on programs available at the Santa Rosa Junior College which includes agribusiness, animal science, equine science, floristry, horticulture, natural resource management, sustainable agriculture, veterinary medicine, viticulture, and wine studies.

Prerequisites/Corequisites:

Recommended Preparation:

Limits on Enrollment:

Schedule of Classes Information:
Description: This class will provide an overview of the full variety of agriculture careers. Students will explore different fields of study, career options, and requirements to achieving career goals. A special focus will be placed on programs available at the Santa Rosa Junior College which includes agribusiness, animal science, equine science, floristry, horticulture,

natural resource management, sustainable agriculture, veterinary medicine, viticulture, and wine studies. (Grade or P/NP)
Prerequisites/Corequisites:
Recommended:
Limits on Enrollment:
Transfer Credit:
Repeatability: Two Repeats if Grade was D, F, NC, or NP

ARTICULATION, MAJOR, and CERTIFICATION INFORMATION:

AS Degree:	**Area**	Effective:	Inactive:
CSU GE:	**Transfer Area**	Effective:	Inactive:
IGETC:	**Transfer Area**	Effective:	Inactive:

CSU Transfer:	Effective:	Inactive:
UC Transfer:	Effective:	Inactive:

CID:

Certificate/Major Applicable:
Major Applicable Course

COURSE CONTENT

Student Learning Outcomes:
At the conclusion of this course, the student should be able to:
1. Describe the various fields of study available within agriculture
2. Identify personal career goals within the agricultural fields
3. Demonstrate understanding of educational and vocational requirements to achieve career goals

Objectives:
At the conclusion of this course, the student should be able to:
1. Describe the foundational components, history, trends and career options in the following disciplines:
   A. Agribusiness
   B. Agricultural education
   C. Animal science
   D. Equine science
   E. Floristry
   F. Horticulture
   G. Natural resource management
   H. Sustainable agriculture
   I. Veterinary medicine
   J. Viticulture
   K. Wine studies
2. Identify and determine realistic personal career objectives within agriculture
3. Conduct research specific to educational and occupational requirements for agricultural career goals

Topics and Scope:

I. Agribusiness
- A. Introduction to Agribusiness
  - 1. History and trends in agribusiness
  - 2. Sectors in agribusiness
- B. Overview of occupational options and career pathways

II. Agricultural Education
- A. Introduction to agricultural education
  - 1. Leadership and Ag education
  - 2. Career development events and student success
- B. Overview of occupational options and career pathways

III. Animal Science
- A. Introduction to animal science
  - 1. Common breeds studied in animal science
  - 2. Sectors in animal science
  - 3. Feeds and feeding
- B. Overview of occupational options and career pathways

IV. Equine Science
- A. Introduction to equine science
  - 1. Equine breeds
  - 2. Riding styles
  - 3. Equine nutrition and daily care of animals
- B. Overview of occupational options and career pathways

V. Floristry
- A. Introduction to floristry
  - 1. History and significance of floristry
  - 2. Major techniques and skills in floristry
- B. Overview of occupational options and career pathways

VI. Horticulture
- A. Introduction to horticulture
  - 1. History and trends in horticulture
  - 2. Overview of horticulture, landscaping & design
- B. Overview of occupational options and career pathways

VII. Natural Resource Management
- A. Introduction to natural resource management
  - 1. Parks and recreation management
  - 2. Forest management
  - 3. Watershed management
- B. Overview of occupational options and career pathways

VIII. Sustainable Agriculture
- A. Introduction to sustainable agriculture
  - 1. Tenants of sustainable agriculture
  - 2. Sustainable practices in gardening and crop production
- B. Overview of occupational options and career pathways

IX. Veterinary Medicine
- A. Introduction to veterinary medicine
- B. Overview of occupational options and career pathways

X. Viticulture
- A. Introduction to viticulture
  - 1. Popular cultivars

2. Farming practices for wine grape growing
B. Overview of occupational options and career pathways

XI. Wine Studies
A. Introduction to wine studies
1. History and trends in wine studies
2. Wine making regions and wine making styles
B. Overview of general classification of wines
C. Overview of occupational options and career pathways

Assignment:

1. Reading from text, instructor handouts or assigned online resources (10-30 page per week)
2. Case studies and other activities analyzing occupational and core agricultural concepts (in-class and homework)
3. Self-assessment, career goals and personal educational plan
4. Breed and cultivar identification, protocol evaluation, industry article or report analysis, crop report, and other in-class activites
5. Quizzes (up to 10) and exams (1 or 2)

Methods of Evaluation/Basis of Grade:

Writing: Assessment tools that demonstrate writing skills and/or require students to select, organize and explain ideas in writing.

Career self-assessment and educational plan	Writing 20 - 40%

Problem Solving: Assessment tools, other than exams, that demonstrate competence in computational or non-computational problem solving skills.

Participation in in-class activities (including case studies)	Problem solving 20 - 40%

Skill Demonstrations: All skill-based and physical demonstrations used for assessment purposes including skill performance exams.

None	Skill Demonstrations 0 - 0%

Exams: All forms of formal testing, other than skill performance exams.

Quizzes and exams: multiple choice, true/false, short answer, identification	Exams 40 - 60%

Other: Includes any assessment tools that do not logically fit into the above categories.

None	Other Category 0 - 0%

Representative Textbooks and Materials:

Instructor prepared materials