Yavapai COLLEGE
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2012 - 2013
Catalog Year

Associate of Applied Science - Agriculture Technology Management

Program Description

The Agriculture Technology Management program prepares students for entrepreneurship, employment, or advancement in a variety of agricultural fields including horticulture, aquaculture and fisheries, and animal care and management.

Note:

Program Contacts

- Instructional Assistant: Karen Smith (karen.smith@yc.edu), telephone: (928) 717-7760
- Dean: John Morgan (john.morgan@yc.edu), telephone: (928) 717-7721

Program Outcomes

Upon successful completion of the Agriculture Technology Management Degree program, the learner will be able to:

1. Design, operate and manage an extensive agriculture facility. (AGS 250, AGS 252, AGS 261, AGS 264)
2. Rear fish from egg to market using practices for maximizing production and profit. (AGS 261, AGS 264)
3. Develop a disease and water quality management system. (AGS 261, AGS 264)
4. Propagate plants from cuttings and seeds. (AGS 250, AGS 252)
5. Develop and implement an integrated pest management system.(AGS 107, AGS 250, AGS 252)
6. Recognize and correct irrigation/plumbing/equipment/facility problems. (AGS 250, 252, 261, 264, 274)
7. Develop and implement a comprehensive management program for exotic and domestic animals. (AGS 280, AGS 282)

Program Requirements

A minimum of 61 credit hours is required to complete the Agriculture Technology Management Degree.

	Course	Course Title	Credit Hours
I. General Education			
A. Foundation Studies (13 credits)			
1. College Composition or Applied Communication - Select Option a, b or c:			
a. Writing (6 credits)			
Choose from Approved List			
b, Writing AND Communication (6 credits)			
1. Writing (3)			
2. Communication (3)			
c. College Composition (6 credits)			
	ENG101	College Composition I	3
OR	ENG103	College Composition I Honors	3
	ENG102	College Composition II	3
OR	ENG104	College Composition II Honors	3
2. Numeracy (3 credits)			
Choose from Approved List			
3. Workplace Readiness (1 credit)			
Choose from Approved List			
4. Critical Thinking (3 credits)			
Choose from Approved LIst			
B. Area Studies (7 credits)			
1. Physical and Biological Science (4 credits)			
	AGS103	Plant Biology	4
OR	BIO103	Plant Biology	4
2. Behavioral and Social Science (3 credits)			
a. Behavioral Science (3)			

(Program Requirements continued on next page...)

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	Course	Course Title	Credit Hours
b, Social Science (3)			
II. Agriculture Technology Management Requirements			
	AGS101	Microcomputers in Agriculture	3
OR	CSA126	Microsoft Office	3
	AGS102	Agribusiness Management	3
	AGS105	Soils	3
	AGS107	Entomology	3
	AGS115	Agricultural Mechanics I	3
	AGS120	Intro Animal Industry	4
	AGS215	Agricultural Mechanics II	3
	AGS274	Water Management	3
Select and complete 16 credits from the following courses:			
	AGS250	Horticulture Science I	4
	AGS252	Horticulture Science II	4
	AGS261	Aquaculture Science	4
	AGS264	Aquaculture Management	4
	AGS280	Zoo and Domestic Animal Care	4
	AGS282	Zoo & Domestic Animal Behavior	4