

Associate of Applied Science Academic Degree Map

Farm & Ranch Management 2024-2025

This is a suggested sequence of classes based on the average student load and course prerequisites. Not all courses are offered every semester. For specific discipline electives, please refer to the page labeled "Systemwide General Education Program" following the degree requirements in the PCC Catalog. Students must take 3 hours from courses approved as "AAS Institutionally Designated" (listed in the AAS degree requirements). Milestones, courses, and special requirements necessary for timely progress to complete a major are designated to keep you on track to graduate in two years. Missing milestones could delay your program. Consult with your advisor for more information.

*Corequisite Course (if needed, must be taken with college level required course)		
(ENG098 +ENG176), (MTH078 +MTH178), (MTH081 + MTH181)		
ENG098	Support for English Composition I	2 cr hrs
MTH078	Support for College Algebra	2 cr hrs
MTH081	Support for Elementary Statistics	2 cr hrs

1ST SEMESTER			2ND SEMESTER		
Course	Hrs	Milestones/Notes	Course	Hrs	Milestones/Notes
ENG135 Writing for the Workplace or ENG176 English Comp I	3		MTH126 Tech Math or higher	3	
AAS Institutionally Designated	3	AGR185 Ag Computers preferred	*AGR232 Marketing Ag Products or AGR231 Intro to Ag Business	3	
*Agronomy Area of Study Elective	3-4	AGR131 or AGR133 or AG136 or AGR241)	*Area of Study	9-10	
*Area of Study	7				
TOTAL	16-17		TOTAL	15-16	
3rd SEMESTER			4th SEMESTER		
Course	Hrs	Milestones/Notes	Course	Hrs	Milestones/Notes
Arts & Humanities or Social & Behavioral Science Elective	3		*Area of Study	15	
COM106 or COM130 or COM131 or COM276	3				
*Area of Study	10				
TOTAL	16		TOTAL	15	
DEGREE TOTAL: 64					

*Area of Study Courses 35-36 hrs. from the following list of courses:

Course	Hrs	Milestones/Notes	Course	Hrs	Milestones/Notes
ACC111 Intro to Accounting	3		AGR221 Occup Work Experience I	4	
ACC177 Accounting I	3		AGR225 Occup Work Experience	2	
ACC178 Accounting II	3		AGR226 Occup Work Experience II	2	
ACC231 Computerized Accounting	3		AGR231 Intro to Agribusiness	3	
ACC232 Managerial Accounting	3		AGR232 Marketing Ag Products	3	
AGR102 Horse Care & Training	2		AGR239 Fund. of Animal Nutrition	3	
AGR109 Crop Pest Control	2		AGR241 Range Management	3	
AGR115 Horsemanship	2		AGR242 Beef Cattle Production	3	
AGR128 Plant & Seed Identification	1		AGR245 Elements of Meats	3	
AGR129 Crop Scout Training	3		AGR253 Feedlot Operations	3	
AGR131 Plant Science	4		AGR254 Farm, Home, & Ranch Repair I	3	
AGR132 Animal Science	3		AGR264 Farm, Home, & Ranch Repair II	3	
AGR133 Crop Production	3		APT101 Welding I	2	
AGR134 Livestock Production	3		APT123 Occup Work Experience	3	
AGR136 Soils	4		APT124 Occup Work Experience	3	
AGR138 Livestock Selection	2		APT125 Outdoor Power Equipment	3	
AGR142 Ag in Our Society	1		APT127 Tractor & Auto A/C Repair	3	
AGR176 Horse Production	3		APT129 Applied Electricity/Electronics	3	

AGR221 Occup Work Experience	2		APT138 Appl. Hydraulics & Pneumatics	3	
APT141 Fundamentals of Engines	3		BUS249 Medical Terminology	3	
APT146 Diesel Electrical Systems	1		CSC201 Web Page Design	3	
APT215 Material Handling & Plant Layout	1	Forklift Class	INT107 CompTIA A+ Essentials	3	
APT223 Occup Work Experience III	3		INT109 Intro to Network Technology	3	
APT244 Occup Work Experience IV	3		INT155 Server Administration I	3	
APT226 Tractor Maint. & Repair	2		INT160 Occup Work Experience I	1	
APT244 Agriculture Power Trains	3		INT161 Occup Work Experience II	1	
APT246 Ag Machinery Operation	3		IINT206 CompTIA A+ Practical App.	3	
APT247 Electrical Accessories Diagnosis & Repair	3		INT209 Network System Technology	3	
APT248 Diesel Fuel Systems	3		INT218 Intro to Computer Programming	3	
BUS150 Advertising	3		INT230 Linux Operating System	3	
BUS178 Intro to Business	3		INT238 Adv. Visual Basic Programming	3	
BUS201 Web Page Design	3		INT240 CompTIA Security+	3	
BUS221 Human Resource Manage.	3		INT250 CompTIA Cloud+	3	
BUS233 Business Law	3		INT255 Server Administration II	3	
BUS234 Marketing	3		WLD110 Material Handling & Plant Layout	1	Forklift Class
BUS237 Business Management	3		WLD136 Welding Safety & OSHA 10	1	

Effective Fall 2024