

ADVANCED APPLICATOR TECHNICIAN

ADVANCED APPLICATOR TECHNICIAN A.A.S.

Program Code: B.AAT.AAS

Associate in Applied Sciences (A.A.S.)

Graduation requirement — 61 semester hours

The Advanced Applicator Technician program prepares students for careers as advanced applicator technicians. Students will demonstrate proficiency in basic agronomic skills; effective operation of applicator equipment; knowledge of applicator procedures; Department of Transportation and Environmental Protection Agency regulations; general maintenance and repair of application equipment; and use of precision agriculture technologies.

Program Notes*

- Students must be accepted into the program before enrolling in AGB 111, AGB 113, AGB 117, and AGB 118. See agriculture program director for approval.
- Six hours of student work exploration (AGB 191) should follow the suggested course sequence. See agriculture program director for an alternative work exploration plan.
- General Education electives are chosen from two of the following categories: communications, social/behavioral sciences, humanities/fine arts, mathematics, physical/ life sciences.

Suggested Full-time Sequence

FALL	SPRING	SUMMER
1st Semester	2nd Semester	
AGB 103	AGB 111	AGB 191(2 hrs)
AGB 105	AGB 113	
AGB 135	AGB 200	
AGB 214	AGB 215	
ENG 111	COM 120	

FALL	SPRING
3rd Semester	4th Semester
AGB 117	AGB 118
AGB 191(2 hrs)	AGB 155
AGB 211	AGB 213
MAT 131	Gen ed elec
Gen ed elec	

Required Program Courses (46 hours)

	Cr. Hrs.
AGB 103	Introduction to Crop Sciences. 4
AGB 105	Agricultural Applications of the Computer ... 3
AGB 111	Agriculture Equipment Safety 1
AGB 113	Introduction to Agriculture Retail Operations. . 3
AGB 117	Applicator Equipment Operations I 3
AGB 118	Applicator Equipment Operations II. 3
AGB 135	Agricultural Business Management I 4
AGB 155	Agriculture Salesmanship 3
AGB 191	Agri-Business Work Exploration*. 6
AGB 200	Introduction to Soil Science. 4
AGB 211	Plant Pest Identification and Control 3
AGB 213	Soil Fertility and Fertilizers 3
AGB 214	Precision Farming Technology. 3
AGB 215	Applications of GIS in Agriculture 3

Required General Education Course (15 hours)

ENG 111	Workplace Writing. 3
COM 120	Interpersonal Communication. 3
MAT 131	Applied Mathematics 3
General education electives* 6	

Total Semester Credit Hours

61

AG RETAIL OPERATIONS CERTIFICATE

Program Code: B.ARO.CER

Certificate

Graduation requirement — 16 semester hours

The Agriculture Retail Operations certificate trains students in inventory management, computer skills, and agronomic and mathematic skills needed in day to day operations at retail facilities.

Suggested Part-time Sequence

FALL	SPRING	FALL
1st Semester	2nd Semester	3rd Semester
AGB 103	AGB 113	AGB 211
AGB 105		MAT 131

Required Program Courses (12 hours) Cr. Hrs.

AGB 103	Introduction to Crop Sciences. 4
AGB 105	Agricultural Applications of the Computer ... 3
AGB 113	Introduction to Agriculture Retail Operations. . 3
AGB 211	Plant Pest Identification and Control 3

Required General Education Courses (3 hours) Cr. Hrs.

MAT 131	Applied Mathematics 3
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Total Semester Credit Hours

16