

Certificate of Achievement in Mechanized Agriculture

About the Program

Program Goal: Career

GE Pattern(s): None

Program Code: 01305.00CA

See AS Degree in Mechanized Agriculture.

Program Learning Outcome(s):

Upon successful completion of the program, the student will be able to:

1. Identify and demonstrate proper use, care, and adjustment of common and precision tools and machines found in a mechanized agriculture shop.
2. Operate wheel and track type tractors safely and properly.
3. Perform operator level maintenance and adjustments of tractor systems.
4. Analyze and match the proper tractor and equipment to do the job correctly and efficiently.

Required courses:		22.00
ITEC 55	Introduction to Industrial Trades	2.00
AET 20	Beginning Equipment Operation	6.00
AET 34	Farm Machinery	3.00
AET 40	Heavy Trucks and Equipment Systems	3.00
AET 45	Heavy Trucks and Equipment Maintenance	3.00
WLD 18	Beginning Industrial Welding	2.00
Select one:		3.00
AET 22	Natural Resources and Agri-Construction	3.00
EH 22	Landscape Construction	3.00

Total: 22.00

Suggested Program Map

Required courses:

Units: 22.00

Term 1		13.00
ITEC 55	Introduction to Industrial Trades	2.00
AET 20	Beginning Equipment Operation	6.00
AET 40	Heavy Trucks and Equipment Systems	3.00
WLD 18	Beginning Industrial Welding	2.00
Term 2		9.00
AET 34	Farm Machinery	3.00
AET 45	Heavy Truck and Equipment Maintenance	3.00
Select one:		3.00
AET 22	Natural Resources and Agri-Construction	3.00
EH 22	Landscape Construction	3.00

Total: 22.00