

# Mobile Service Technician

## Associate in Applied Science Degree

(Code: EVMST)

The Mobile Service Technician AAS is a program that will prepare students to diagnose, repair, and service agricultural equipment in rural locations using a specially equipped service truck. As the size of the equipment increases, it has become harder to load and transport the equipment to the dealer's location which has required dealers to provide services at the customer's location. The equipment industry has moved to where they use specialized trucks that are capable of performing most service repairs. However, the agricultural equipment industry is having a difficult time finding qualified candidates that can effectively travel and service various components. The courses in this program will prepare students to be successful as a mobile service technician. This program will train students on how to operate a service truck and repair and/or service various types of agricultural equipment and machinery. Students will also possess effective skills in communication, customer service, and problem-solving. These skills will allow students to communicate effectively with customers, handle customer service issues, and will include knowledge in sales and selling skills. Graduates will also possess hi-tech skills such as the ability to download apps in the field, wireless computer and communication operations, upgrade unit's software in the field, and be in communication with the store and company through various electronic means. Since this is a new field of opportunity in agriculture, it has the ability to become one of the fastest growing sectors of modern agriculture. This program is different from existing ag machinery technician programs in that the curriculum will spend considerable time on various components that are not typically covered or addressed by existing programs. For example, graduates from this program will be traveling around for a dealer and at one stop, may be fixing a sprayer. The next stop they may be calibrating a monitor and advising the customer on a potential upgrade in equipment. The stop after that will be servicing a skid steer loader. The mobile service technician will also have the ability to not only repair a unit, but is also capable of operating and train operation the unit; playing the role of a product specialist. The Mobile Service Technician AAS degree program is geared to assist today's ag equipment dealers and service providers to meet the demands of providing quality service and meeting the needs of the agricultural producer.

General Education	Credit Hours
ENG105 Composition I	3
or	
ENG111 Technical Writing	(3)
SPC112 Public Speaking	3
or	
SPC122 Interpersonal Communication	(3)
MAT772 Applied Math	3
<b>(Must select 3 credit hours)</b>	
EDU160 Human Growth & Development	3
PSY111 Introduction to Psychology	3
SOC110 Introduction to Sociology	3
SOC115 Social Problems	3
<b>Total</b>	<b>12</b>
<b>Program Requirements</b>	
AGA290 Spring Field Operations	1
AGB336 Agricultural Selling	3
AGC102 Computers in Agriculture	2
AGC216 Career Seminar	2
AGC907 Co-op Field Experience	3
AGM110 Ag Machine Safety & Operation	3
AGM114 Hydraulics I	2
AGM121 Machinery Repair & Maintenance	4
AGM250 Harvesting Operations & Service	3
AGM251 Tractor Operations & Servicing	3
AGM252 Planting Operations & Service	1
AGM253 Application Operations & Servicing	1
AGM254 Forage Operations & Service	1
AGM260 Service Truck Operations	1
AGM261 Basic Problem Solving	3
AGM330 Fundamentals of Electricity	3
AGM336 Agriculture Electronic Devices & Systems	3
AGM414 Fundamental Air Conditioning	2
AGP436 Advanced Precision Farming: Hardware	3
DSL837 Commercial Driver's License & Tools	1.5
PEH142 First Aid	3
SDV108 The College Experience	1
<b>Total</b>	<b>49.5</b>
<b>Electives (must select 3 credit hours)</b>	
AGA114 Principles of Agronomy	3
AGA154 Fundamentals of Soil Science	3
AGA211 Grain and Forage Crops	3
AGA284 Pesticide Application Certification	3
AGB330 Farm Business Management	3
AGB331 Entrepreneurship in Agriculture	3
AGP333 Precision Farming Systems	3
AGP435 Advanced Precision Farming: Software	3
BUS102 Introduction to Business	3
MKT110 Principles of Marketing	3
<b>Total</b>	<b>3</b>
<b>Total Required Hours</b>	<b>64.5</b>