ASSOCIATE DEGREE IN APPLIED SCIENCE

AGRICULTURAL EQUIPMENT TECHNOLOGY — Length: 90 Weeks

Students in this program will prepare for entry-level positions in the agricultural equipment industry by acquiring both the technical and management skills currently applicable to the industry. They will also take a core of general education courses to augment their technical education.

MISSION STATEMENT: The Agricultural Equipment Department's mission is to provide quality education on various equipment to serve our students in developing skills for a productive work force as an entry-level agriculture technician.

Technical Requirements		Instructional Hours	Credit Hours
AG227	Combines	120	6
AG228	Tractors	120	6
AU118	Transportation Heating Ventilation Air Conditioning	120	6
AU123	Electrical & Electronics I	120	6
AU128	Electrical & Electronics II	120	6
	or		
DT128	Heavy Equipment & Vehicle Integrated Electronics	120	6
DT119	Theory & Techniques in Welding	120	6
DT124	Diesel Engine Diagnosis & Repair	120	6
DT126	Diesel Performance & Diagnosis	120	6
DT131	Truck Drive Trains	120	6
DT135	Diesel Engine Electronic Controls	120	6
HY130	Hydraulics	120	6
	Total Technical Hours	**1320**	**66**

Related Requirements		Instructional Hours	Credit Hours
AM128	Customer Relations Automated Management	48	3
DP152	Applications of Word and Excel	36	3
	Total Related Hours	**84**	**6**

General Education Requirements		Instructional Hours	Credit Hours
CO179	Introduction to Human Communication	24	3
PS274	The American Political Scene	24	3
EN180	Composition I	48	5
SC112	Physical Science	48	5
EN200	Composition II	48	5
MH170	Technical Math	48	5
PY177	Psychology	24	3
UN220	Introduction to Diversity Issues	24	3
UN100	First Year Experience	12	1
UN292	Portfolio Capstone	12	1
	Total General Hours	**312**	**34**
	TOTAL HOURS FOR GRADUATION	**1716**	**106**

*EN070	Basic English	48	3
*MH065	Review Math	48	3

*If the placement test is passed with a score of 70% or higher, course will not be required to graduate.

Recommended Optional Courses		Instructional Hours	Credit Hours
CDL101	Commercial Driver License I	120	6
CDL102	Commercial Driver License II	120	6
HP130	High Performance Engine Machining	120	6