

Industrial Agricultural Systems – Certificate (AGIS.CERT)

This program covers fundamental skills used in agricultural systems, including safety, class A driving, welding, electrical wiring, systems software, precision agriculture and integrated pest management. Students who complete this program will have the skills needed to work in applied agricultural occupations. At the end of the program, students will have the opportunity to earn stackable industry credentials in: OSHA safety, MDARD pesticide application, Michigan Class A Driver Certification and Production Technician Maintenance Awareness.”

This certificate is designed for students who seek employment in applied agricultural industries like: fertilizer and pesticide application, grain transport, farm laborer, equipment operator, equipment maintenance, elevator operations, etc. This program of study is not intended for those seeking a four-year or advanced degree in agriculture, natural resources or the natural sciences. Those wishing to transfer to a four-year institution should pursue the Associate of Science degree, following the agriculture transfer program map.

Minimum credits: 18

Minimum cumulative GPA: 2.0

Minimum grade in all courses: 2.0

Minimum Jackson College credits: 6

INDUSTRIAL AGRICULTURAL SYSTEMS CORE (18 CREDITS)

Take the following:

AGT	111	Agricultural and Bio-Safety
AGT	209	Precision Farming
AGT	214	Integrated Pest Management
CDL	100	Commercial Driving
ELT	106	Basic Electrical & Fluid Circuits
ELT	260	Basic Programmable Controls OR
WLD	100	Fundamentals of Welding