

## Required Program of Study for Associate of Applied Science Degree (2 years) Mechanized Agriculture Option

### Freshman Year

<b>FIRST SEMESTER</b>	
Course	Credits
AGRI 1000 Microcomputer Applications .....	2
AGRI 1020 Introduction to Agricultural Records .....	3
AGRI 1030 Introduction to Soil Science .....	3
AGRI 1040 Introduction to Soil Science Lab .....	1
AGRI 1050 Farm Welding .....	1
AGRI 1060 Farm Welding Lab .....	2
AGRI 1400 Farm and Environmental Safety .....	2
MATH 1040 Applied Mathematics I .....	3
	17

<b>SECOND SEMESTER</b>	
Course	Credits
AGRI 1210 Crop Production .....	3
AGRI 1220 Crop Production Lab .....	1
AGRI 1240 Advanced Farm Welding .....	1
AGRI 1250 Advanced Farm Welding Lab .....	2
AGRI 1280 Crop Chemicals .....	2
AGRI 1310 Agribusiness Management .....	4
AGRI 1350 Tillage, Planting and Spraying Equipment .....	1
AGRI 1360 Tillage, Planting and Spraying Equipment Lab .....	1
AGRI 1410 Introduction to the Economics of Agriculture .....	3
AGRI 1420 Interpersonal Skills .....	3
	21

<b>SUMMER</b>	
AGRI 2020 Crops and Irrigation .....	3
AGRI 2030 Crops and Irrigation Lab .....	1.5
	4.5

**NOTE:** AGRI 2020 and 2030 are required for the farm mechanics option. AGRI 2040 and 2050 are optional. AGRI 1300, Cooperative Internship I (8 credit hours), may be substituted for the summer courses. If taking AGRI 1300, you must register for AGRI 1120 during freshman spring semester.

### Sophomore Year

<b>FIRST SEMESTER</b>	
Course	Credits
AGRI 1260 Agricultural Marketing .....	3
AGRI 2100 Farm Electricity and Wiring .....	1
AGRI 2110 Farm Electricity and Wiring Lab .....	1
AGRI 2200 Advanced Fertilizers .....	2
AGRI 2250 Grain Harvesting & Handling Systems .....	3
AGRI 2450 Modern Technologies in Ag or	
AGRI 2400 Forage, Pasture & Grassland Production .....	3
AGRI 2410 Forage, Pasture & Grassland Production Lab .....	1
ENGL 1050 Career Composition .....	3
	16-17

<b>SECOND SEMESTER</b>	
Course	Credits
AGRI 1150 Introduction to Entomology .....	3
AGRI 1370 Ag Construction .....	1
AGRI 1380 Ag Construction Lab .....	1
AGRI 2000 Integrated Spreadsheet Applications .....	3
AGRI 2010 Irrigation and Equipment .....	3
AGRI 2140 Advanced Farm Welding Projects .....	1
AGRI 2150 Advanced Farm Welding Projects Lab .....	2
AGRI 2290 Advanced Agricultural Marketing .....	3
	17

NOTE: If student enrolls in ENGL 1010, an oral communication class will also be required. See General Education Requirements.

Up to 39 credit hours of agriculture courses in the above Northeast Agriculture Option will transfer to Wayne State College for the Bachelor of Science Degree/Technology Major/Ag-Tech Option. Twenty-seven hours of lower division (sophomore level and below) general education credits will also transfer to Wayne State College for a total of 66 credit hours.