

AAS: Agricultural Technology

| General Education Requirements (18-19 Credits) | | | Ag Tech Core Requirements (59 Credits) | | | Ag Tech Core Specialization (Select 14-16 Credits) | | |
|---|--|---------------------|---|---|---------|---|---|---------|
| Prefix | Course Title | Credits | Prefix | Course Title | Credits | Prefix | Course Title | Credits |
| CG 100 | College Survival & Success | 3 | AG 221 | Metals and Welding OR WLD 111 SMAW I | 3 | ANS 121 | Intro to Animal Science -or- | 4 |
| MTH 105 | Math in Society | 4 | ANS 122 | Large Animal Handling | 3 | HORT111 | Introduction to Horticulture | 3 |
| COMM 111 | Public Speaking | 4 | CAS 170 | Beginning Excel | 3 | ANS 215 | Beef/Dairy Industries -or- | 3 |
| WR 121 | English Composition | 4 | DRF 270 | 3-D Modeling | 3 | GEO 265 | Introduction to GIS | 3 |
| PSY 101 | Psychology & Human Relations -or- BA285 Human Relations in Organizations | 4/3 | ELT 110 | Electricity for Non- Electricians I | 2 | ANS 231 | Livestock Evaluation -or- | 3 |
| Total Credits | | 18-19 | ELT 111 | Electricity for Non- Electricians II | 2 | FAS 107 | UAS Ground School | 2 |
| Degree Information | | | ELT 127 | Basic Programmable Controllers (PC Based) | 2 | MCH 102 | Introduction to Manufacturing -or- | 3 |
| Category | | Credit Total | ELT 128 | Intermediate Programmable Controllers (PC Based) | 2 | MCH 134 | Machining I | 3 |
| General Education Requirements | | 18-19 | ELT 201 | Electric Motor Controls | 2 | IMT 222 | Lean Manufacturing and Process Control -or- | 3 |
| Ag Tech Core Requirements | | 62 | ELT 227 | Advanced Programmable Controllers (PC Based) | 2 | MCH 234 | Machining II | 3 |
| Ag Tech Core Specialization | | 14-16 | GT 106 | Green Production Practices | 3 | Total Credits | | 14-16 |
| Total Credits for Degree | | 94-97 | IMT 100 | Introduction to Trades | 3 | | | |
| | | | IMT 105 | Industrial Safety (OSHA) | 4 | | | |
| | | | IMT 108 | Industrial Hydraulics I | 3 | | | |
| | | | IMT 118 | Bearings, Seals, and Lubrication | 3 | | | |
| | | | IMT 200 | Pumps and Valves | 3 | | | |
| | | | IMT 205 | Introduction to Pneumatics | 3 | | | |
| | | | IMT 211 | Structural Maintenance | 3 | | | |
| | | | IMT 210 | Proportional Hydraulics | 3 | | | |
| | | | IMT 229 | Techniques of Preventive Maintenance | 3 | | | |
| | | | IMT 280 | Cooperative Work Experience | 3 | | | |
| | | | WLD 129 | Blueprint Reading | 4 | | | |
| | | | Total Credits | | 62 | | | |