

# Associate of Applied Science: Agricultural Technology

TBCC guarantees, at a minimum, the following courses each quarter for the completion of the Associate of Applied Science – Agricultural Technology. A student can transfer in or take other courses that meet the requirements.

| Year 1 or 2 (rotates) | FALL TERM   | WINTER TERM  | SPRING TERM  |
|-----------------------|---|--|--|
|                       | CG 100 College Survival & Success (3 CR)  | IMT 229 Tech. Preventative Maintenance (3 CR)                                      | WR 121Z English Composition I (4 CR)   |
|                       | IMT 100 Introduction to Trades (3 CR)   | WLD 129 Blueprint Reading (4 CR)   | PSY 101 Human Relations (4 CR)<br>-OR-<br>BA 285 Human Relations in Organ. (3 CR)  |
|                       | AG 221 Metals and Welding (3 CR)<br>-OR-<br>WLD 111 SMAW I (3 CR)                       | CAS 170 Beginning Excel (3 CR)   | IMT 211 Structural Maintenance (3 CR)  |
|                       | IMT 105 Industrial Safety (4 CR)  | DRF 270 3-D Modeling (3 CR)  | COMM 111Z Public Speaking (4 CR)   |
|                       | MTH 105Z Math in Society (4 CR)   |  | GT 106 Green Production Practices (3 CR)   |
|                       | <i>17 CREDIT TOTAL</i>  | <i>13 CREDIT TOTAL</i>   | <i>17-18 CREDIT TOTAL</i>  |
| Year 1 or 2 (rotates) | FALL TERM   | WINTER TERM  | SPRING TERM  |
|                       | MCH 134 Machining I (3 CR)<br>-OR-<br>MCH 102 Intro to Manufacturing (3 CR)             | IMT 222 Lean Manufacturing & Process (3 CR)<br>-OR-<br>MCH 234 Machining II (3 CR) | IMT 118 Bearings, Seals & Lubrications (3 CR)                                      |
|                       | ANS 121 Intro to Animal Science (4 CR)<br>-OR-<br>HORT 111 Intro to Horticulture (3 CR) | ANS 215 Beef/Dairy Industries (3 CR)<br>-OR-<br>GEO 265 Introduction to GIS (3 CR) | ANS 231 Dairy Cattle Evaluation (3 CR)<br>-OR-<br>FAS 107 UAS Ground School (2 CR) |
|                       | IMT 205 Intro to Pneumatics (3 CR)  | ANS 122 Large Animal... Quality & Nutrition (3 CR)                                 | ELT 201 Electric Motor Controls (2 CR)   |
|                       | ELT 127 Basic Programmable Controllers (2 CR)   | ELT 128 Intermediate Programmable Controllers (2 CR)                               | ELT 227 Advanced Programmable Controllers (2 CR)                                   |
|                       | ELT 110 Electricity for Non-Electricians I (2 CR)                                       | ELT 111 Electricity for Non-Electricians II (2 CR)                                 | IMT 280 Cooperative Work Experience (3 CR)   |
|                       | IMT 109 Industrial Hydraulics I (3 CR)  | IMT 200 Pumps and Valves (3 CR)  | IMT 210 Proportional Hydraulics (3 CR)   |
|                       | <i>16-17 CREDIT TOTAL</i>   | <i>16 CREDIT TOTAL</i>   | <i>15-16 CREDIT TOTAL</i>  |

TOTAL: 91-94

## Part Time Students:

| YEAR 1 | YEAR 2 | YEAR 3 | YEAR 4 |
|--------|--------|--------|--------|
|--------|--------|--------|--------|