

**Bachelor of Science Degree in
Applied and Industrial Technologies
for the Concentration of *Mechatronics Technology***

FRESHMAN YEAR

| FALL SEMESTER | | | SPRING SEMESTER | | |
|----------------------|-----------|--|------------------------|-----------|--|
| Courses | HR | | Courses | HR | |
| UNIV 1000 | 1 | | MATH 1720 | 3 | |
| MATH 1710 | 3 | | ENGL 1020 | 3 | |
| ENGL 1010 | 3 | | CHEM 1110 | 3 | |
| AITT 1001 | 3 | | CHEM 1111 | 1 | |
| HPER/ROTC/BAND | 1 | | HPER/ROTC/BAND | 1 | |
| HUMANITIES/FINE ARTS | | | HUMANITIES/FINE ARTS | | |
| ELECTIVE | 3 | | ELECTIVE | 3 | |
| | | | ECON 2010 | 3 | |
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| 14 | | | 17 | | |

SOPHOMORE YEAR

| FALL SEMESTER | | | SPRING SEMESTER | | |
|----------------------|-----------|--|------------------------|-----------|--|
| Courses | HR | | Courses | HR | |
| MATH 1910 | 4 | | PHYS 2020 | 3 | |
| PHYS 2010 | 3 | | PHYS 2021 | 1 | |
| PHYS 2011 | 1 | | HIST 2010 | 3 | |
| AITT 2000 | 3 | | COMM2200 | 3 | |
| AITT 2001 | 1 | | PSYC 2010 | 3 | |
| ENGL 2110 | 3 | | AITT 2200 | 3 | |
| | | | AITT 2201 | 1 | |
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| 15 | | | 17 | | |

JUNIOR YEAR

| FALL SEMESTER | | | SPRING SEMESTER | | |
|----------------------|-----------|--|------------------------|-----------|--|
| Courses | HR | | Courses | HR | |
| AITT 3380 | 3 | | AITT 3320 | 3 | |
| AITT 3310 | 3 | | AITT 3321 | 1 | |
| AITT 3311 | 1 | | AITT 3480 | 3 | |
| AITT 3350 | 3 | | MGMT 3010 | 3 | |
| AITT 3351 | 1 | | ENGL 3105 | 3 | |
| AITT 3200 | 3 | | HIST 2020 | 3 | |
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| 14 | | | 16 | | |

SENIOR YEAR

| FALL SEMESTER | | | SPRING SEMESTER | | |
|----------------------|-----------|--|--------------------------|-----------|--|
| Courses | HR | | Courses | HR | |
| AITT 3110 | 3 | | AITT 4800 | 3 | |
| AITT 4040 | 3 | | ENGR 4510 | 1 | |
| AITT 4300 | 3 | | AITT 4170 | 3 | |
| ENGR 4500 | 1 | | MGMT 4070 | 3 | |
| ENGR 4900 | 1 | | 3000 – 4000 TECHNICAL OR | | |
| MGMT 4050 | 3 | | NON TECHNICAL ELECTIVE | 6 | |
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| 14 | | | 16 | | |

TOTAL HOURS 120

