

**Transfer from Industrial Maintenance (IMS)
to the A.A.S. in Mechatronics Technology**

TCAT Program:	Industrial Maintenance
Community College Program:	A.A.S in Mechatronics Technology
Program Length:	61 credit hours
Articulation Process:	Community college faculty have assured that academic transfer credit is at the collegiate level and comparable to credit earned in the college's own programs (TBR policy 2.00.01.06).
Number of Transfer Credits:	This statewide agreement allows a student the possibility to earn 22 course credits. Please see the below crosswalk/equivalency table.

Community College Course Title	Credit Hours	TCAT Course Title or Certification Exam Title
MECH 1310 – Electrical Components	3	IMS 1031- Electrical I
MECH 1320 – Mechanical Components & Electric Motors	3	IMS 1061- Motor & Rotating Elec Machines IMS 1070- Mechanical I IMS 2061- Hydraulic Maintenance System and IMS 2031- Mechanical 3
MECH 1330 – Electro-pneumatic and Hydraulic Control Circuits	3	IMS 1040- Pneumatics IMS 1041- Intermediate Pneumatics IMS 1051- Hydraulics, and IMS 2041- Intermediate Hydraulics
MECH 1340 – Digital Fundamentals and PLCs	3	IMS 4021- PLC
MECH 1350 – Industrial Robots	3	IMS 4011- Robotics
MECH 2320 – Motor Control	3	IMS 1060- Motor & Rotating Electrical Machines IMS 2050/2051- Motor and Motor Controls

<p>* MECH 2441 – Intro to Totally Integrated Automation (Students seeking credit for MECH 2441 must also pass a challenge exam.)</p>	<p>4</p>	<p>IMS 4021- PLC</p>
<p>Total credit hours available to earn</p>	<p>22</p>	

* Students seeking credit for MECH 2441 must also pass a challenge exam.