Transfer from TCAT Mechatronics (MEC) to the A.A.S. in Mechatronics Technology

TCAT Program:	Mechatronics
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	MEC 2010- DC Electrical, and MEC 2020- AC Electrical
MECH 1320 – Mechanical Components & Electric Motors	3	MEC 1090- Mechatronics I MEC 2030- AC/DC Electronics Circuits & Digital MEC 2050- Motor Controls, and MEC 3031- Mechatronics II
MECH 1330 – Electro-pneumatic and Hydraulic Control Circuits	3	MEC 2060- Fluid Powers
MECH 1340 – Digital Fundamentals and PLCs	3	MEC 2040- Programmable Logic Controllers, and MEC 4011- Mechatronics III
MECH 1350 – Industrial Robots	3	MEC 3021- Robotics
MECH 2320 – Motor Control	3	MEC 2050- Motor Controls, and MEC 4011- Mechatronics III
* MECH 2441 – Intro to Totally Integrated Automation (Students seeking credit for MECH 2441 must also pass a challenge exam.)	4	MEC 4010- Mechatronics III
Total credit hours available to earn	22	

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