

# Shawnee State University

Electromechanical Engineering Technology

AAS

REQUIRED COURSES:	Semester Hours
<b>First Semester, First Year</b>	
ENGL 1102 Discourse & Composition	3
ETCA 1101 Engineering Drawing 1	3
ETCO 1310 Fluid Power	3
ETEM 1112 DC & AC Circuits	4
MATH Precalculus	5

<b>Second Semester, First Year</b>	
ENGL 1105 Comp. & Argumentation	3
ETCO 1115 Computer Prog. For Tech	4
ETEM 1216 Electronics	3
ETEM 1514 Electromechanical Devices	3
XXXX GEP Social Studies	3

<b>First Semester, Second Year</b>	
ETCO 2310 Statics & Strengths	3
ETEM 2212 Digital Logic	3
ETEM 2514 Electromechanical Systems	3
MATH 2110 Calculus I	4
Phys 2201 Physics I	4

<b>Second Semester, Second Year</b>	
ETCO 2225 Indust. Mgt. & Occ. Safety	3
ETEM 2418 Programmable Logic Controls	3
ETEM 2516 Automation/Robotics	3
ETEM 2520 EM Design/Presentation	3
PHYS 2201 Physics 2	4

\*Denotes course aligned for articulated credit, via method established on bilateral agreement

PATHWAY TAB INFORMATION			
Course Name	Postsecondary Institution	Credit Type	Credit Hours
ETEM 2418 Programmable Logic Controls	Shawnee State University	CTAG	3