



Alternative Diploma Pathway  
In Support of O.C.G.A., 20-2-149.2

INDUSTRIAL MECHATRONICS TCC PATHWAY  
Approved July 2022

25-26 Total Credit Hours

Students should complete two certificates- IM21 and MT21

First TCC:

IM21 – Industrial Mechatronics, TCC	
IDSY 1005 Introduction to Mechatronics	4 CH
Select from the options below:	
IDSY 1100 Basic Circuit Analysis	5 CH
<b>OR</b>	
IDSY 1101 DC Circuit Analysis	3 CH
<b>AND</b>	
IDSY 1105 AC Circuit Analysis	3 CH
IDSY 1110 Industrial Motor Controls I	4 CH
IDSY 1120 Basic Industrial PLCs	4 CH

Total 17-18 Credit Hours

Second TCC:

MT21 – Mechatronics Technician, TCC	
*IDSY 1005 Introduction to Mechatronics	4 CH
IDSY 1170 Industrial Mechanics	4 CH
IDSY 1190 Fluid Power Systems	4 CH

Total 8 Additional Credit Hours

*\* Course does not need to be taken if completed in the first TCC program.*

These TCCs prepare students to take the PMMI Mechatronics Certification Test – Fluid Power and the PMMI Mechatronics Certification Test – Mechanical Components I.