

**Advanced Manufacturing Technician Apprenticeship TCC Certificate Program (Dual Enrollment/Hope Career Grant)**

9th Grade	Fall Semester	Spring Semester
1st Block	Civics (SB2)	World History (SB2)
2nd Block	Algebra I (SB2)*	9th Grade English (SB2)
3rd Block	Health/PE (SB2)	Biology (SB2)*
4th Block	Environmental Science (SB2)	Elective

Summer 1	AM OPEN PM OPEN
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- High School Courses
- MM71 Manufacturing Maintenance Tech (TCC)
- MP31 Manufacturing Production Assistant (TCC)
- BMP1 Technical Certificate (New TCC)
- PMA2 Diploma for GACATT
- \* EOC required

10th Grade	Fall Semester	Spring Semester
1st Block	IDSY 1161: Blueprints and Precision Measurement (4) MCHT 1011 Introduction to Machine Tool (4) AUMF 1560 (1)	IDSY 1101: DC Circuit Analysis (3) IDSY 1105: AC Circuit Analysis (3)
2nd Block	IDSY 1170: Industrial Mechanics (4) *OSHA 10 during 2nd week of semester	
3rd Block	MANUFACTURER \$10	MANUFACTURER \$10
4th Block	Geometry (SB2)	Amer. Lit. (SB2)*

Summer 2	AM MEGT 1010: Manufacturing Processes - MPA (3) PM MANUFACTURER \$10	MCHT 1120 Mill Operations I (4) IDSY 1260: Machine Tools for Industrial Repairs (4)
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11th Grade	Fall Semester	Spring Semester
1st Block	IDSY 1240: Maintenance for Reliability - MPA (4) MEGT 2100: Manufacturing Quality Control - MPA (3)	AUMF 1110: Flexible Manufacturing Systems (5)
2nd Block	MANUFACTURER \$12	MANUFACTURER \$12
3rd Block		MANUFACTURER \$12
4th Block		

Summer 3	AM MCHT 1020: Heat Treatment and Surface Grinding: IMT (4) PM MANUFACTURER \$12
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12th Grade	Fall Semester	Spring Semester
1st Block	AUMF 1210: Flexible Manufacturing Systems II (5)	MCHT 119 Lathe Operations I (4) AMCA 2110: CNC Fundamentals - IMT (4)
2nd Block	MANUFACTURER \$14	MANUFACTURER \$14
3rd Block	MANUFACTURER \$14	MANUFACTURER \$14
4th Block	MANUFACTURER \$14	MANUFACTURER \$14

Summer 4	Post High School - Begin Fulltime Employment and/or pursue Associate Degree GA CATT Final Exams 59 WGTC hours completed, 30 funded by Dual Enrollment, 29 by HOPE Career Grant. Upon high school graduation, if desired - Enroll in WGTC to complete Associate Degree using Hope Grant - 15 academic credit hours remain (5).	
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