

# APPLIED INDUSTRIAL TECHNOLOGY (COMMUNICATION TRANSPORT SYSTEMS), APPRENTICESHIP

MATH-1140, MATH-1141, MATH-1200, MATH-1270, and MATH-1280 can no longer count towards fulfilling the college-level mathematics requirement. These courses were re-classified as developmental mathematics by the state of Ohio in 2016. Tri-C established a 5-year transitioning window for students who had completed these courses prior to 2016 to apply them towards meeting graduation requirements, which expired in Summer 2021. It is highly recommended to see a counselor to determine the appropriate math required for your current major.

Certificate(s) may have additional courses that do not overlap with the degree. Please see Certificate program page for complete listing of required courses.

Code	Title	Credit Hours
ATCW-1010	Worker Safety for Communication Transport	2
ATCW-1020	Communications Worker History	2
ATCW-1040	Basic Information Systems	2
ATCW-xxxx	Elective	2
MATH-1240	Contemporary Mathematics (or higher)	3
Select one of the following:		3
ENG-1010	College Composition I	
ENG-101H	Honors College Composition I	
ATCW-1210	Introduction to Information Transport - Copper	2
ATCW-xxxx	Elective	2
ISET-1410	Applied Electricity I	3
DEGR-xxxx	General Elective (See List Below)	3
Select one of the following:		3
BADM-xxxx	Business Elective	
CNST-xxxx	CNST Elective	
Select one of the following:		3
IT-1090	Computer Applications	
IT-109H	Honors Computer Applications	
ATCW-1250	Infrastructure Layout	2
ATCW-1270	Grounding and Bonding	1
ATCW-2010	Information Transport - Fiber	2
ATCW-2050	Audio Visual	1
DEGR-xxxx	General Elective (See List Below)	3
Social & Behavioral Science/Natural and Physical Science requirement (see AAB/AAS Degree Requirements)		3
Select one of the following:		3
BADM-xxxx	Business Elective	
CNST-xxxx	CNST Elective	

AIT-2990	Contracting in a Diverse World	3
ATCW-2070	Information Transport Circuits	1
ATCW-2120	Advanced Systems Transport	2
COMM-1000	Fundamentals of Interpersonal Communication	3
DEGR-xxxx	General Elective (See List Below)	3
Arts & Humanities requirement		3

## Electives

Recommended courses to fulfill elective requirements:

Code	Title	Credit Hours
ACCT-1011	Business Math Applications	3
BADM-1050	Professional Success Strategy	3
BADM-1301	Small Business Management	3
BADM-1210	Labor-Management Relations	3
CNST-1731	Construction Print Reading	3
CNST-2131	Construction Methods and Materials	3
CNST-2631	Construction Management Systems	3
CNST-2990	Construction Estimating & Cost Analysis	3
ESCI-1310	Physical Geography	3
ESCI-1410	Physical Geology	3
FIN-1061	Personal Finance	3
GEN-1010	Personal Development	2
HLTH-1230	Standard First Aid and Personal Safety	1
HLTH-1100	Personal Health Education	3
COMM-1010	Fundamentals of Speech Communication	3
DEGR-xxxx	Arts & Hum/Soc & Beh Sci/Nat & Phy Sci	

## Related Degrees and Certificates

- Communication Transport Systems, Certificate of Proficiency
- Applied Industrial Technology (Communication Transport Systems), Associate of Applied Science