

# APPLIED INDUSTRIAL TECHNOLOGY (SHEET METAL WORKING), APPRENTICESHIP PROGRAM

Code	Title	Credit Hours
ATSM-1010	Benefits Management	1
ATSM-1020	Trade History	1
ATSM-1030	Layout and Fabrication I	2
ATSM-1040	OSHA 16 Hour Safety Training	1
ATGL-1630	Basic Welding	2
Select one of the following:		3
ENG-1010	College Composition I	
ENG-101H	Honors College Composition I	
Select one of the following:		3
IT-1010	Introduction to Microcomputer Applications	
IT-101H	Honors Introduction to Microcomputer Applications	
Select one of the following:		3
BADM-xxxx	Business Elective	
CNST-xxxx	CNST Elective	
ATSM-1220	Layout and Fabrication II	2
ATSM-1230	Field Installation	3
ATSM-2310	Refrigeration I	1
ATGL-2340	Advanced Welding	2
ATPL-2350	Electricity for Plumbers	2
MATH-1xxx	1000-level MATH course or higher ( <a href="http://catalog.tri-c.edu/academic-information/degree-certificate-program-requirements/#aas_math">http://catalog.tri-c.edu/academic-information/degree-certificate-program-requirements/#aas_math</a> )	3
Select one of the following:		3
BADM-xxxx	Business Elective	
CNST-xxxx	CNST Elective	
ATSM-2330	Layout and Fabrication III	3
ATSM-2340	Advanced Field Installation	3
Select one of the following:		3
BADM-xxxx	Business Elective	
CNST-xxxx	CNST Elective	
Arts & Humanities requirement ( <a href="http://catalog.tri-c.edu/academic-information/degree-certificate-program-requirements/#aas_hum">http://catalog.tri-c.edu/academic-information/degree-certificate-program-requirements/#aas_hum</a> )		3
Social & Behavioral Sciences requirement ( <a href="http://catalog.tri-c.edu/academic-information/degree-certificate-program-requirements/#aas_soc">http://catalog.tri-c.edu/academic-information/degree-certificate-program-requirements/#aas_soc</a> )		3

AIT-2990	Contracting in a Diverse World	3
ATCM-1340	OSHA Standards for Construction	3
ATSM-2420	Refrigeration II	2
ATSM-2510	Commercial Roof Top Units	2
Communication requirement ( <a href="http://catalog.tri-c.edu/academic-information/degree-certificate-program-requirements/#aas_comm">http://catalog.tri-c.edu/academic-information/degree-certificate-program-requirements/#aas_comm</a> )		3
Select one of the following:		3-4
BADM-xxxx	Business Elective	
CNST-xxxx	CNST Elective	

## Construction Management Electives

Code	Title	Credit Hours
CNST-1731	Construction Print Reading	3
CNST-2130	Construction Methods, Materials, and Equipment	3
CNST-2631	Construction Management Systems	3
CNST-2990	Construction Estimating & Cost Analysis	3

## Business & Supervision Electives

Code	Title	Credit Hours
BADM-1020	Introduction to Business	3
BADM-1121	Principles of Management and Organizational Behavior	4
BADM-1210	Labor-Management Relations	3
BADM-2150	Business Law	4
BADM-2240	Negotiations	3

## Entrepreneur Electives

Code	Title	Credit Hours
BADM-1300	Small Business Management	4
BADM-2450	New Business Development	5
BADM-2470	Marketing Techniques for Small Business Management	3

## Related Degrees and Certificates

- Sheet Metal Working, Certificate of Proficiency (<http://catalog.tri-c.edu/programs/sheet-metal-working-certificate-proficiency>)
- Applied Industrial Technology (Sheet Metal Working), Associate of Applied Science (<http://catalog.tri-c.edu/programs/applied-industrial-technology-sheet-metal-working-aas>)