

Steel Industry Technology - Associate of Applied Science Degree

This program is designed for students who wish to pursue careers in the steel industry or manufacturing processes that require specialized job and skill knowledge. This region has become a major source of steel related occupations and this degree will help facilitate entry or enhance promotional opportunities within the industry. Applied knowledge acquired through this program pertains particularly to steel-related industries, but also is relevant to any advanced manufacturing enterprise. Students must earn a "C" or above in English Composition I, English Composition II, and the math requirement and have a cumulative GPA of 2.0 or above to receive an Associate of Applied Science Degree.

General Education Core Requirements: Credit Hours

EN 12003	English Composition I*	3
EN 12013	English Composition II*	3
CS 11033	Computer Applications	3
MA 14113	Math Apps for Manufacturing* OR	
	MA 14043 College Algebra*	3
SP 22063	Human Relations OR	
	SP 12103 Intro. to Speech Comm.	<u>3</u>
Total Gen Ed Credit Hours		15

AAS Steel Industry Technology			
Minimum Scores Required			
	Math	English	Reading
ACT	15	15	15
Accuplacer	47A 37E	67	53

Division Requirements:

CE 11003	Workplace Essentials	3
ES 15003	Industrial Safety Administration	3
MG 21003	Principles of Supervision	<u>3</u>
Total Division Credit Hours		9

Curriculum Summary:	
General Education Requirements:	15
Division Requirements:	9
Major Requirements:	18
Approved Electives:	18
Total Credit Hours:	60

Major Requirements:

EL 15003	Basic Electricity I	3
EL 25013	Industrial Motor Controls	3
ME 15013	Basic Hydraulics/Pneumatics	3
ME 15023	Mechanical Drives and Bearings	3
ME 15033	Maintenance Welding	3
IS 15063	Basic Metallurgy	<u>3</u>
Total Credit Hours		18

Approved Electives 18**

Total Degree Credit Hours 60

**Approved electives may also be chosen from courses with the following prefixes: AC, BU, CE, CS, CT, EL, ES, HV, IS, ME, MG, MT or WE as approved by the Vice President for Economic Development. Elective credit for appropriate experiential learning will also be considered.