

## Associate of Applied Science Degree - Steel Industry Technology

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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
EN12003 English Composition I	3
EN12023 Technical Writing <b>OR</b>	
EN12013 English Composition II	3
CS11033 Computer Applications	3
MA14123 Quantitative Reasoning <b>OR</b>	
MA14043 College Algebra	3
SP12103 Intro. to Communications	<u>3</u>
<b>Total Gen Ed Credit Hours</b>	<b>15</b>

AAS Steel Industry Technology Minimum Scores Required			
	Math	English	Reading
ACT	15	15	15
Accuplacer	47A/37E	67	53
Next Gen	236A/236Q	235	235

Division Requirements:	Credit Hours
CE11003 Workplace Essentials	3
ES15003 Industrial Safety Administration	3
MG21003 Principles of Supervision	<u>3</u>
<b>Total Division Credit Hours</b>	<b>9</b>

### Curriculum Summary:

General Education Requirements:	15
Division Requirements:	9
Major Requirements:	18
Approved Electives:	<u>18</u>
<b>Total Credit Hours:</b>	<b>60</b>

Major Requirements:	Credit Hours
EL15003 Basic Electricity I	3
EL25013 Industrial Motor Controls	3
ME15013 Basic Hydraulics/Pneumatics	3
ME15023 Mechanical Drives and Bearings	3
ME15033 Maintenance Welding	3
IS15063 Basic Metallurgy	<u>3</u>
<b>Total Credit Hours</b>	<b>18</b>

**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 Dean for Allied Technologies. Elective credit for appropriate experiential learning will also be considered.

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