

# INDUSTRIAL MGMT & APPLIED ENGINEERING



Toward a Bachelor of Science Degree

Minimum 62 hours

**Transfer Curriculum • Associate in Science Degree • Minimum 2.0 OGPA • Major Code: DAS**

This curriculum is designed for transfer to four year institutions for this major. Consult the website of the four year institution where you plan to transfer, regarding specific course needs, requirements and deadlines.

## FIRST YEAR

Fall Semester		Credit Hrs
<b>ENG 121</b>	Rhetoric & Composition I	3
<b>BIOL 121</b>	Introductory Biology	4
<b>MATH 161</b>	Pre-Calculus	4
<b>HUMANITIES AND FINE ARTS (See Below)</b>		3
Total Hours		14

Spring Semester		Credit Hrs
<b>ENG 122</b>	Rhetoric & Composition II	3
<b>PSYC 121</b>	Intro Psychology	3
<b>MATH 162</b>	Calculus I	5
<b>HUMANITIES AND FINE ARTS (See Below)</b>		3
<b>COM 121</b>	<b>Principles of Speaking</b>	3
Total Hours		17

## SECOND YEAR

Fall Semester		Credit Hrs
<b>HIST 241</b>	American History I	3
<b>PHYS 221</b>	General Physics I	5
<b>PHYS 241</b>	Statics	3
<b>MATH 165</b>	Scientific Programming	3
<b>BUS 133</b>	Business Communications	3
Total Hours		17

Spring Semester		Credit Hrs
<b>MATH 141</b>	Statistics	4
<b>PHYS 222</b>	General Physics II	5
<b>ELECTIVE</b>		3
<b>ELECTIVE</b>		3
Total Hours		15

The bolded classes on this curriculum guide indicate the minimum a student must complete in order to receive an Associate degree. See advisor for specific transfer information.

**SUGGESTED ELECTIVES:** MATH 128-4 College Algebra, HYG 121-3 Science of Personal Health, or an additional Humanities course and/or Social & Behavioral Science course.

**HUMANITIES AND FINE ARTS: 6 semester hours. At least one course must be taken from each area.**

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|--------|--|--|---|
| Area 1 | ___ ART 121-3 (F2 900) Intro Appreciation              | ___ MUS 121-3 (F1 900) Music Appreciation      | ___ COM 128-3 (F2 905) Film Appreciation        |
|        | ___ ART 222-3 (F2 901) Prehistory to Medieval Art      | ___ MUS 126-3 (F1 904) Intro to American Music | ___ THTR 121-3 (F1 907) Introduction to Theater |
|        | ___ ART 223-3 (F2 902) Renaissance to Contemporary Art |  |   |
| Area 2 | ___ ENG 243-3 (H3 902) Introduction to Drama           | ___ ENG 261-3 (H3 914) American Literature I   | ___ PHIL 121-3 (H4 900) Intro to Philosophy     |
|        | ___ ENG 245-3 (H3 906) World Literature                | ___ ENG 262-3 (H3 915) American Literature II  | ___ PHIL 122-3 (H4 906) Fundamentals of Logic   |
|        | ___ ENG 246-3 (H3 907) Modern Literature               |  | ___ PHIL 221-3 (H4 904) Fundamentals of Ethics  |
|        |  |  | ___ PHIL 224-3 (H5 904N) Comparative Religions  |

**SOCIAL & BEHAVIORAL SCIENCES:**

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|--------|--|--|--|
| Area 1 | ___ ECE 141-3 (S6 903) Child Development               | ___ PSYC 221-3 (S6 903) Child Psychology               | ___ SOC 121-3 (S7 900) Intro Sociology       |
|        |  |  | ___ SOC 221-3 (S7 902) The Family in Society |
| Area 2 | ___ HIST 121-3 (S2 902) Western Civilization to 1648   | ___ HIST 141-3 (S2 901N) Latin American History        | ___ HIST 241-3 (S2 900N) American History I  |
|        | ___ HIST 122-3 (S2 903) Western Civilization from 1648 | ___ HIST 161-3 (S2 906N) African Culture               | ___ HIST 242-3 (S2 901N) American History II |
| Area 3 | ___ ECON 121-3 (S3 901) Macroeconomics                 | ___ GOVT 121-3 (S5 900) American Government            |  |
|        | ___ ECON 122-3 (S3 902) Microeconomics                 | ___ GOVT 226-3 (S5 904N) Intro International Relations |  |

**Career Opportunities:**

Engineer, Specialties include Electrical/Electronic, Mechanical, Civil and Industrial.

**Major Employers:**

Manufacturers; Construction Firms; Architectural, Engineering and Surveying Firms; Government Agencies.