

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
ENG 121	Rhetoric & Composition I	3
BIOL 121	Introductory Biology	4
MATH 161	Pre-Calculus	4
HUMANITIES AND FINE ARTS (See Below)		3
	Total Hours	14

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

SECOND YEAR

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

Spring Semester		Credit Hrs
MATH 141	Statistics	3
PHYS 222	General Physics II	5
ELECTIVE		3
ELECTIVE		3
ELECTIVE		3
	Total Hours	17

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 128-3 College Algebra, HLTH 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.

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

SOCIAL & BEHAVIORAL SCIENCES:

Area 1	<input type="checkbox"/> ECE 141-3 (S6 903) Child Development <input type="checkbox"/> HIST 161-3 (S2 923D) Black American History	<input type="checkbox"/> PSYC 221-3 (S6 903) Child Psychology	<input type="checkbox"/> SOC 121-3 (S7 900) Intro Sociology <input type="checkbox"/> SOC 221-3 (S7 902) The Family in Society
Area 2	<input type="checkbox"/> HIST 121-3 (S2 902) Western Civilization to 1648 <input type="checkbox"/> HIST 122-3 (S2 903) Western Civilization from 1648	<input type="checkbox"/> HIST 141-3 (S2 901N) Latin American History	<input type="checkbox"/> HIST 241-3 (S2 900N) American History I <input type="checkbox"/> HIST 242-3 (S2 901N) American History II
Area 3	<input type="checkbox"/> ECON 121-3 (S3 901) Macroeconomics <input type="checkbox"/> ECON 122-3 (S3 902) Microeconomics	<input type="checkbox"/> GOVT 121-3 (S5 900) American Government <input type="checkbox"/> 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.