

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	___ 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:

Area 1	___ ECE 141-3 (S6 903) Child Development	___ PSYC 221-3 (S6 903) Child Psychology	___ SOC 121-3 (S7 900) Intro Sociology
	___ HIST 161-3 (S2 923D) Black American History		___ 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 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.