

2018/2019 NAU-Yuma Bachelor of Applied Science Industrial Technology Management

Imperial Valley College - Industrial Technology Associate Degree

Advising Sheet

REQUIRED LOWER DIVISION MAJOR COURSES

Term Completed	Grade
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Complete an IVC Industrial Technology Associate Degree:

Air Conditioning and Refrigeration Technology, Automotive Technology, Building Construction Technology, Electrical Technology, Electrical Trades, Energy Efficiency Technology, Water Treatment Systems Technology, Welding Technology

INTERSEGMENTAL GENERAL EDUCATION TRANSFER CURRICULUM (IGETC-NAU)

AREA 1 – ENGLISH COMMUNICATION

ENGL 110	Composition and Reading	4 units		
ENGL 201	Advanced Composition	3 units		
COMM 100 or COMM 180	Oral Communication or Argumentation and Debate	3 units		

AREA 2 – MATHEMATICAL CONCEPTS AND QUANTITATIVE REASONING

MATH 119	Elementary Statistics	4 units		
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AREA 3 – ARTS AND HUMANITIES (3 courses with at least 1 course from Arts and 1 course from Humanities)

	IGETC 3A – Arts course	3 units		
	IGETC 3B – Humanities: HIST 101 (G) or HIST/LAS 131 (G) or HIST/LAS 132 (E) or RELS 100 (G)	3 units		
	IGETC 3A or 3B course	3 units		

AREA 4 – SOCIAL AND BEHAVIORAL SCIENCES (3 courses from at least 2 different academic disciplines)

	ADS/SOC 150 (E) Recommended or ANTH 102 (G) or AIS/ANTH 106 (E) or HIST 101 (G) or HIST/LAS 131 (G) or HIST/LAS 132 (E)	3 units		
	IGETC Social and Behavioral Sciences course	3 units		
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AREA 5 – PHYSICAL AND BIOLOGICAL SCIENCES (Minimum 7- 9 units with at least one lab course)

	Physical Science course	3 - 4 units		
	Biological Science course	3 - 4 units		

*NAU Computer Literacy Requirement (3 Units)

CIS 101	Introduction to Information Systems (Prerequisite to BBA 340)	3 units		
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NAU General Electives/Additional Information:

- IGETC-NAU: Complete one (E) Ethnic and one (G) Global recommended course in order to meet NAU’s Diversity Requirements.
- *Computer Literacy Requirement: 3 units fulfilled by BBA 340 (BBA 340 prerequisite can be satisfied by IVC’s CIS 101).

Bachelor of Applied Science: INDUSTRIAL TECHNOLOGY MANAGEMENT

2018-2019 Undergraduate Catalog (120 Units)

4-YEAR PLAN

The B.A.S. degree is for students who hold a qualifying Associate's degree. The courses provide students with a general knowledge of management, supervision, organizational operations, logistics, and communication skills. Graduates of this program may qualify for career advancement and are provided knowledge of business skills that can be applied to operating their own business.

To earn the BAS in Industrial Technology you must complete requirements in the following 4 blocks

1. LIBERAL STUDIES 35 Credits

Associate's Degree Transfer Block

It is beneficial for the student to complete the Intersegmental General Education Transfer Curriculum (IGETC) that fulfills all liberal studies courses. Within the IGETC requirements, it is recommended for courses to be taken in order to fulfill the Ethnic (E) and Global Diversity (G) requirements. If these requirements are not met at the community college, they must be met within the 56 units of the B.A.S. degree at NAU. These requirements would include the following:

2. SPECIALIZATION PREREQUISITES 6 Credits

COURSE NUMBER	COURSE TITLE	CREDITS
BBA 290	Managerial Accounting and Financial Analysis	3
BBA 291	Economic Analysis and Business Law	3

3. SPECIALIZATION: Industrial Technologies 21 Credits

BBA 292	Fundamental of Logistics	3
BBA 300	Principles of Management	3
BBA 330	Supply Chain & Operations Management	3
BBA 380	Management for Environmental Sustainability	3
BBA 405	Entrepreneurship and Small Business Management	3
BBA 475C	Project in Industrial Technology Management	3
BBA 495	Managing For Organizational Quality Excellence	3

4. BAS REQUIREMENTS. You take the following 15 units, which are designed to help you acquire a general knowledge of management, organizational, and policy issues while advancing your professional communication, computer, and quantitative skills. (15 units of this section must be upper-division (300-400) level courses) 18 Credits

COMMUNICATION BLOCK. (3 Credits)		
BBA 305W	Effective Business Communications	3
PUBLIC ADMINISTRATION AND MANAGEMENT BLOCK (6 Credits). BBA 360 and one 3-unit course from BME 480, CCJ 331, 333; PADM 325, 326, 327, 401, 408C, 421C; POS 325, 326, 327, 344, 359, 421C, 428; SOC 344		
BBA 360	Teams and Project Management	3
		3
VALUES, ETHICS, and POLICY BLOCK (3 Credits)		
BBA 471C		3
TECHNICAL, QUANTITATIVE, QUALITATIVE, AND SCIENCE (3 Credits).		
BBA 340	Management Information System	3
BAS Requirement Electives (3 Credits). Select one course from any of the unused courses in the above four B.A.S. requirements blocks or one of the following courses: BBA 201, BIO 301, BIO 302, CCJ 355, ESE 280, MAT 114 (MAT 142 at AWC), PADM 355, PADM 356, POS 303 or SOC 365.		
		3
Electives to reach 120 units		