

Industrial Technology, B.S. (120 Units)

Valid for Catalog Years: 2018/2019 to Present

*Official planning guide approved by the Jordan College of Agricultural Sciences & Technology

For assistance or to schedule an
 advising appointment, please contact
 the **Department of Industrial
 Technology** at 559-278-2145,
 Industrial Technology 212
**Jordan College Advising & Career
 Development Center:**
 559-278-4019, Agricultural Sciences
 110

	Freshman		Sophomore		Junior		Senior	
	Fall	Spring	Fall	Spring	Fall	Spring	Fall	Spring
Units	13-15	15-16	16-17	16-17	15	16-17	18-19	15
Milestones	MATH 75 or DS 71 and IT 52		PHYS 2A IT 74		IT 115 IT 198W		IT 199 or IT 194	
General Education	A2 (3 Units) Written Communication *Must pass with a C or better	A1 (3 Units) Oral Communication *Must pass with a C or better	B2/B3 (3-4 Units) Life Sciences	C1/C2 (3-4 Units) Arts or Humanities	IB (3 Units) Physical Universe & Its Life Forms	IC (3-4 Units) Arts & Humanities	ID (3-4 Units) Social, Political, & Economic Institutions	
	A3 (3 units) Critical Thinking *Must pass with a C or better	C2 (3-4 Units) Humanities	D2 (3 Units) American Government	E1 (3 Units) Lifelong Understanding & Self Development				
	C1 (3-4 Units) Arts	D1 (3 Units) American History						

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Major	GE Area B4 MATH 75 or DS 71 (3-4 Units) Quantitative Reasoning *See course catalog for prerequisite requirements	GE Area D3 IT 20 (3 Units) Social Science	GE Area B1/B3 PHYS 2A (4 Units) Physical Sciences [Pre-Req: DS 71, MATH 75, or MATH 70; or department permission]	DS 73 (3 Units) [Pre-Req: LM; DS 71 or equivalent; ECON 40 & 50 recommended] OR MATH 11 (3 Units) [Pre-Req: ELM]	IT 133 (3 Units) OR IT 156 (3 Units)	IT 117 (3 Units) [Pre-Req: DS 73 or MATH 11]	IT 106 (3 Units)	IT 104 (3 Units) [Pre-Req: IT 114, 115]
	IT 30 (1 Unit)	IT 52 (3 Units)	IT 74 (3 Units)	IT 92 (3 Units)	IT 198W (3 Units)	IT 148 (3 Units)	IT Elective (3 Units) *See footnotes	IT 137 (3 Units) [Pre-Req: IT 117] OR IT 184 (3 Units) [Pre-Req: IT 117 & IT 74]
			IT Elective (3 Units) *See footnotes	CHEM 3A (4 Units) [Pre-Req: GE B4 (may be taken concurrently)] *No credit if taken after CHEM 1A	IT 115 (3 Units)	IT 114 (3 Units)	IT Elective (3 Units) *See footnotes	IT 196 (1 Unit) [Pre-Req: Senior standing]
					IT 118 (3 Units)		IT 199 (3 Units) [Pre-Req: UDWE or IT 198W]	IT Elective (3 Units) *See footnotes

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Major							IT Elective (3 Units) *See footnotes	IT Elective (2 Units) *See footnotes
Additional Graduation Requirements								MI (3 Units) Multicultural/ International

FOOTNOTES:

Prerequisites/Corequisites: Other restrictions may apply. Please see your course catalog for detailed prerequisite/corequisite requirements.

Grade Requirements: All courses (except IT 194) required for the major must receive a letter grade.

Electives: Students must earn a minimum of 120 units total to graduate. The number of required elective units may vary, depending on the amount of units earned from major and GE courses.

IT Electives (17 units): Electives should be chosen from the following list with advisor's approval: IT 12, 41, 58, 63, 71, 80, 110, 112, 116, 120, 127, 129, 131, 133, 134, 146, 147, 156, 164, 165, 190, 191T, or 194.

Upper Division Writing Skills requirement (UDWS): All undergraduate students must demonstrate competency in writing skills: IT 198W (C or better) is required for Industrial Technology majors

Substitutions: If substitutions/exceptions/waivers are made for any major courses that also meet GE and/or the Multicultural/International graduation requirement, the student is responsible for completing additional courses to satisfy the respective areas (GE and/or MI). This also includes the upperdivision writing requirement.