

**Bachelor of Science in Industrial Management and Applied Engineering Technology
With a General Education (32 Mathematics (6 hr)**

Indust

ENGL 1301 Rhet & Comp (3 hr)	MATH 1314 or 1324 (3 hr)	ITEN 1311 Technical CAD(3 hr)
ENGL 1302 Rhet & Comp (3 hr)	MATH 1316 or 1325..... (3 hr)	ITEN 1315 Intro to Manuf Processes(3 hr)
HIST 1301 US History (3 hr)		ITEN 2301 Industrial Electronics(3 hr)
HIST 1302 US History (3 hr)	Science (7-8 hrs)	ITEN 2322 Measurement & Materials(3 hr)
POLS 2301 US Govt (3 hr)	Any CHEM with lab (3-4 hr)	ITEN 2330 OSHA for General Industrial....(3 hr)
POLS 2302 Texas Govt..... (3 hr)	Any PHYS with lab..... (3-4 hr)	ITEN 3306 Manufacturing Processes(3 hr)
^Cultural Elective (3 hr)		ITEN 3313 Energy Systems(3 hr)
^Creative Arts Elective (3 hr)	Business Component (12 or 18 hrs)	ITEN 3323 Cost Estimating.....(3 hr)
^Communication Elective..... (3 hr)	ACCT 2301 Fund. of Acct I..... (3 hr)	ITEN 3331 Construction Technology.....(3 hr)
ISYS 1301 Per Comp Apps (3 hr)	ECON 2301 Principles of Econ I.. (3 hr)	ITEN 3349 Lean Production.....(3 hr)
UNIV 1201 Learning in a..... (2 hr)	Business Elective (3 hr)	ITEN 4332 Haz Waste & Fire Safety(3 hr)
Global Context.....	MGMT 3322 Principles of Mgmt . (3 hr)	ITEN 4336 Industrial Employ Research.....(3 hr)
		ITEN 4340 Leadership & Supervision(3 hr)
		ITEN 4352 Quality Assurance(3 hr)
		ITEN Elective (Upper Division)(3 hr)
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		ITEN Elective (or Adv Bus).....(3 hr)
		ITEN Elective (or Adv Bus)(3 hr)

Free Electives (6 hr)

Elective(3 hr) **Note:** Choice of six credit hours in

Elective(3 hr) Adv. Business or Adv. ITEN

Minimum GPAs to Graduate, Total Credit Hours 120

Overall \geq (2.00) Math/Science \geq (2.25)

ITEN \geq (2.50) Business \geq (2.25)

Departmental Concentrations: Technical and Business

Industrial Safety

ITEN 2330 OSHA for General Industry	core
ITEN 4332 Hazardous Waste & Fire Safety	core
ITEN 4340 Leadership and Supervision	core
ITEN 3336 Industrial Hygiene 1	elective
ITEN 3338 Industrial Hygiene 2	elective

Oil Field Service

ITEN 3313 Energy Systems	core
ITEN 3323 Cost Estimating	core
ITEN 4332 Hazardous Waste & Fire Safety	core
ITEN 3310 Fluid Power	elective
ITEN 3333 Industrial Scheduling <u>OR</u>	elective
MGMT 3325 Human Resource Management	

Construction Management

ITEN 3321 Architectural CAD	elective
ITEN 3323 Cost Estimating	core
ITEN 3331 Construction Technology	core
ITEN 3333 Industrial Scheduling	elective
ITEN 4332 Hazard Materials and Fire Safety	core
ITEN 4353 Construction Management	elective

Manufacturing Management

ITEN 3306 Manufacturing Processes	core
ITEN 3349 Lean Production	core
ITEN 4330 Manufacturing Systems	elective
ITEN 3345 Advanced Graphics and Modeling	elective
ITEN 3310 Fluid Power	elective

Business Administration Certificate, 12 credit hrs (built-in)

ACCT 2301 Prncp(al)6.9erAng__

Business Administration Minor, 18 credit hrs (optional)

Course Descriptions: Department of Industrial Management and Technology