

INDUSTRIAL TECHNOLOGY CONCENTRATION

The Industrial Technology Concentration offers students a broad education in business and technology management that makes them versatile contributors in a wide variety of industries. Students develop knowledge and skills in operations, supply chain, quality assurance, planning, materials, automation, technology commercialization, and project management. In their selection of approved electives students can specialize or further broaden their education with courses in value chain management, facilities management, lean six sigma, packaging, accounting, business, new technology commercialization, and entrepreneurship.

ITP 260	Manufacturing Processes and Materials	4
ITP 390	Industrial Automation	4
ITP 403	Lean and Quality Systems Management	4
ITP 410	Operations Planning and Control	4
ITP 428	Commercialization of New Technologies	4
ITP 467	Applied Business and Production Management	4

Approved Electives

Select from the following: ¹		16
BUS 215	Managerial Accounting	
BUS 304	International Supply Chains	
BUS 310	Introduction to Entrepreneurship	
BUS 313	Customer Development	
or BUS 418	Listening to the Customer	
BUS 384	Human Resources Management	
BUS 389	Introduction to Business Negotiation for Entrepreneurs	
or BUS 489	Negotiation	
BUS/ITP 468	Blockchain in Business	
ITP 203	Personal Leadership - 7 Habits	
ITP 234	Packaging Design Fundamentals	
ITP 275	Industrial Facility Systems and Equipment	
ITP 302	Developing and Presenting New Enterprise Strategies	
ITP 400	Special Problems for Advanced Undergraduates	
ITP 404	Lean Six Sigma Green Belt Certification Project	
ITP 408	Fiber-Based Packaging	
ITP 412	Instrumental Analysis of Packaging Polymers	
ITP 413	Packaging Quality Assessment	
ITP 414	Packaging Laws & Regulations	
ITP 419	Cooperative Education/Internship	
ITP 430	Healthcare Packaging	
ITP 475	Distribution Packaging Dynamics	

ITP 485	Packaging Development	
Total units		40

¹ Consultation with an advisor is recommended prior to selecting Approved Electives; note your selections may impact pursuit of post-baccalaureate studies and/or goals.