

BS Industrial Technology

Catalog years 2017 to 2020

Name: _____ ID: _____ Catalog Year: _____

General Education – 48 units total

- A1 () Oral Communication
- A2 () Written Communication
- A3 () Critical Thinking

- B1 () Physical Science –*PHYS 2A required*
- B2 () Life Science
- B4 () Quantitative Reasoning –*DS 71 or MATH 75 recommended*

- C1 () Arts
- C2 () Humanities
- C1/2 () Arts or Humanities (1 course)

- D1 () American History
- D2 () American Government
- D3 () Social Science –*IT 20 required*

- E () Lifelong Understanding and Self-Development

- IB () Physical Universe and Its Life Forms
- IC () Arts and Humanities
- ID () Social, Political, and Economic Institutions and Behavior

Other Degree Requirements – 3 units

- MI () Multicultural/International

General Electives – 1 unit

- () PHYS 2A lab – 1 unit

Major Requirements – 68 units total

Technical Core – 29 units

- () IT 30 Exploring Industrial Technology
- () IT 52 Electricity and Electronics
- () IT 74 Manufacturing Processes
- () IT 104 Product Design
- () IT 106 Energy Conversion and Utilization
- () IT 114 Industrial Materials
- () IT 115 Design & Documentation Systems
- () IT 133 Industrial Process Control II
or IT 156 Automated Systems
- () DS 73 or MATH 11
- () CHEM 3A Intro to General Chemistry

Management Core – 22 units

- () IT 92 Industrial Safety Management
- () IT 117 Quality Assurance
- () IT 118 Production Operations
- () IT 137 International Quality Standards
or IT 184 Advanced Manufacturing Technology
- () IT 148 Project Management and Control
- () IT 196 Senior Seminar
- () IT 198W Technical Writing
- () IT 199 Senior Problems or IT 194I Internship

Major Electives – 17 units

- () _____
- () _____
- () _____
- () _____
- () _____
- () _____