BS INDUSTRIAL TECHNOLOGY

2007-09 Cal Poly Catalog

Industrial Technology Area, Orfalea College of Business
Business Bldg. (03), Room 405
805 756-2676

☐ 60 units upper division ☐ GWR
☐ 2.0 GPA ☐ USCP
* = Satisfies General Education requirement
Note: No major, support or concentration courses may be taken as credit/no credit.

MAJOR COURSES
IT 137 Electrical/Electronic Systems ....................... 4
IT 150 Industrial Power Systems ............................. 4
IT 233 Decision Making/Prob Solving using CAD 4
IT 260 Manufacturing Processes ............................. 4
IT 326 Product Evaluation ....................................... 4
IT 329 Industrial Materials....................................... 4
IT 330 Fundamentals of Packaging ......................... 4
IT 341 Plastics Processes and Applications (F)*...... 4
IT 403 Quality Systems Management ...................... 4
IT 407 Applied Industrial Product Design, Fabrication and Sales...................................... 4
IT 408 Paper and Paperboard Packaging ................. 4
IT 410 Operations Planning and Control ................. 4
IT 411 Industrial Safety and Quality Program Leadership ......................................................... 4
IT 428 Commercialization of New Technologies .... 4
IT 475 Packagin Performance Testing ...................... 4
Choose two of the following three courses: .......... 8
 IT 402, 435, 406
Senior Project: IT 461, 462 Senior Project I, II or IT 464 Applied Industrial Technology Senior Project Seminar ........................................... 4
Advisor approved electives ...................................... 8.

80

SUPPORT COURSES
BUS 212 Financial Acctg for Nonbusiness Majors 4
BUS 346 Principles of Marketing ............................ 4
BUS 391 Information Systems................................. 4
CHEM 110 World of Chemistry - Essentials or CHEM 111 Survey of Chemistry (B3 & B4)* 4/5
ECON 201 Survey of Economics (D2)*............... 4
MATH 141 Calculus I or MATH 221 Calculus for Business and Economics (B1)* ......................... 4
PHYS 121, 122 College Physics I, II ......................... 4,4
STAT 217 Intro to Statistical Concepts and Methods or STAT 218 Appl. Statistics-Life Sciences (B1)* ......................................................... 4

36/37

GENERAL EDUCATION (GE)
72 units required; 20 units are in Major and Support.
→See page 56 for complete GE course listing.
→Minimum of 12 units required at the 300-400 level.

Area A Communication (12 units)
A1 Expository Writing ........................................ 4
A2 Oral Communication ....................................... 4
A3 Reasoning, Argumentation, and Writing........ 4

Area B Science and Mathematics (4 units)
B1 Mathematics/Statistics * 8 units in Support.... 0
B2 Life Science .................................................. 4
B3 Physical Science * 4 units in Support............ 0
B4 One lab taken with either a B2 or B3 course

Area C Arts and Humanities (20 units)
C1 Literature ...................................................... 4
C2 Philosophy .................................................... 4
C3 Fine/Performing Arts ...................................... 4
C4 Upper-division elective ................................... 4
Area C elective (Choose one course from C1-C4) 4

Area D/E Society and the Individual (16 units)
D1 The American Experience (40404) ................. 4
D2 Political Economy * 4 units in Support ........ 0
D3 Comparative Social Institutions .................... 4
D4 Self Development (CSU Area E) ................. 4
D5 Upper-division elective ................................. 4

Area F Technology Elective (upper division)
* 4 units in Major ......................................................... 0

52

ELECTIVES .......................................................... 11/12

180