



**California State Polytechnic University, Pomona
DEGREE REQUIREMENT EVALUATION**

YEAR: 2000-2001

MAJOR **BUSINESS ADMINISTRATION**
 OPTION/CONCENTRATION **Technology & Operations Mgmt. (3007)**
 UNITS REQUIRED **198**

NAME _____ LAST _____ FIRST _____ MI _____
 STUDENT I.D. # _____

GENERAL EDUCATION. Students may fulfill these requirements at Cal Poly Pomona with the General Education (GE) or the Interdisciplinary General Education (IGE) Programs. Select courses from approved lists shown in the Schedule of Classes except for Area 5a where MHR 318 is required.

CORE COURSES	Units	Course Taken	Grade	SUPPORT COURSES	Units	Course Taken	Grade	GENERAL EDUCATION COURSES	Units	Course Taken	Grade	
REQUIRED OF ALL BUSINESS MAJORS:				Restricted electives cannot include courses in Business, Economics, Statistics, PLS 314, or PLS 318] ¹ Microcomputer proficiency (MCP) must be demonstrated by satisfying one of the following three alternatives: 1) CIS 101, 2) microcomputer proficiency skills tests, 3) an approved college transfer course. ² If any of these specific courses are used for General Education (STA 120 in Area 2a and EC 201 or EC 202 in Area 3d), then the Restricted Electives will be increased by four units per course up to the unit maximum of 8. <div style="border: 1px solid black; padding: 5px; width: fit-content;"> MCP SATISFIED _____ YES _____ NO </div>	16-24 ²			Area 1 Communication in Eng – 12 units				
Microcomputer Proficiency ¹								1a Written Communication				4
Statistics with Applications STA 120 ²	4							1b Oral Communication				4
Principles of Economics EC 201 ²	4							1c Critical Thinking				4
Principles of Economics EC 202 ²	4							Area 2 Science/Math – 16 units				
Leg Env of BusTrans FRL 201	4							(must include one lab course; Area 2d must be upper division)				
FIN Acctg for Decision Making ACC 207	5							2a Mathematics				4
MGRl Acctg for Decision Making ACC 208	5							2b Physical Sciences/Lab Requirement				4
Managerial Finance I FRL 300	3							2c Life Sciences				4
Managerial Finance II FRL 301	3							2d Sci, Tech/Civ (Upper Division)				4
Prin Mktg Management IBM 301	4							Area 3 Humanities/Social Sciences – 28 units				
Prin of Management MHR 301	4							3a Fine/Performing Arts				4
Operations Management TOM 301	4							3b Philosophy/History				4
Managerial Statistics TOM 302	4							3c Lit/Foreign Languages				4
Mgmt Information Systems CIS 310	4							3d Economic Institutions				4
Strategic Management MHR 410	4							3e Social Institutions				4
or Strategic Management TOM 411 (4)								3f Political/Hist Institutions				4
								3g The Integrated Being				4
								Area 4 US Hst/Const/Ideals – 8 units				
								4a PLS 201				4
				4b HST 202	4							
				Area 5 Upper Division GE – 8 units								
				(Area 5b must be upper division and cannot include courses in Business, Economics, Statistics, or PLS 318)								
				MHR 318	4							
				Elective	4							
				UNRESTRICTED ELECTIVES:	0							
TOM REQUIRED COURSES:												
Management Science TOM 315	4											
Production Mgmt TOM 332	4											
Project Design and Development TOM 460	4											
Senior Project TOM 461	2											
Senior Project TOM 462	2											
Undergrad Seminar TOM 463	2											
OTHER COURSES TO COMPLETE OPTION:												
At least 36 units of additional courses from the list of Technology & Operations Management Directed Electives (see the back of this form).												
	36											
UNITS REQUIRED:	202-110			UNITS REQUIRED:	16-24			UNITS REQUIRED:	72			

• Students may apply up to 105 units from a community college and up to 36 units of extension work toward the Bachelor's Degree. • Students who speak English as a second language and have not achieved the minimum EPT score for English 104 must take English 102 and 103. • A cumulative GPA of 2.0 is required in the Business Major courses and in all courses taken at Cal Poly, Pomona to receive a degree in Technology & Operations Management

Technology and Operations Management Directed Electives

Note: This is intended for information purposes only. All students should meet with a TOM Dept. Advisor to plan their specific program.

Production Operations Management

List I (students must take all of the following List I directed electives):

- TOM 401 - Total Quality Management
- TOM 430 - Material Requirements Planning
- TOM 432 - Production Management
- TOM 433 - Materials Management
- TOM 455 - Just-In-Time Operations

List II (select four courses from the List II Approved Directed Electives shown below): *

- Dir. Elect. #1 _____
- Dir. Elect. #2 _____
- Dir. Elect. #3 _____
- Dir. Elect. #4 _____

List II Approved Directed Electives:

- TOM 310 - Information Design and Presentation
- TOM 320 - Management of Technology
- TOM 340 - Telecommunications & Office Automation
- TOM 350 - Decision Support Systems
- TOM 415 - Forecasting Methods for Management
- TOM 419 - Simulation of Business Operations
- TOM 434 - Purchasing & e-Procurement
- TOM 435 - Quality & Customer Satisfaction
- TOM 436 - Project Management
- TOM 437 - International Business Cases: Operations
- TOM 441/442 - Internship in Operations Management
- TOM 453 - Operations Management in Services

Service Operations Management

List I (students must take all of the following List I directed electives):

- TOM 350 - Decision Support Systems
- TOM 401 - Total Quality Management
- TOM 436 - Project Management
- TOM 453 - Operations Management in Services

List II (select five courses from the List II Approved Directed Electives shown below): *

- Dir. Elect. #1 _____
- Dir. Elect. #2 _____
- Dir. Elect. #3 _____
- Dir. Elect. #4 _____
- Dir. Elect. #5 _____

List II Approved Directed Electives:

- TOM 310 - Information Design and Presentation
- TOM 320 - Management of Technology
- TOM 340 - Telecommunications & Office Automation
- TOM 415 - Forecasting Methods for Management
- TOM 419 - Simulation of Business Operations
- TOM 433 - Materials Management
- TOM 434 - Purchasing & e-Procurement
- TOM 435 - Quality & Customer Satisfac.
- TOM 437 - International Business Cases: Operations
- TOM 441/442 - Internship in Operations Management
- TOM 455 - Just-In-Time Operations

Management of Technology

List I (students must take all of the following List I directed electives):

- TOM 320 - Management of Technology
- TOM 401 - Total Quality Management

Take 2 of the following courses

- TOM 420 Operations Technologies & Strategies
- HST 408 - History of American Science & Technology
- EBZ 301 - Introduction to e-Business

List II: Students must complete one of the following options:

- A. Information Technology:
 - TOM 350 - Decision Support Systems
 - TOM 436 - Project Management
 - CIS 234 - Object Oriented Programming
 - CIS 235 - Intro. to OO Systems Analysis/Design
 - TOM 340 - Telecommunications & Office Auto **OR**
 - CIS 267 - Business Telecommunications
- B. Supply Chain Management:
 - IBM 309 - Business Logistics
 - TOM 418 - ERP Applications
 - TOM 425 - Supply Chain Design, Analysis and Rep.
 - TOM 433 - Materials Management
 - TOM 434 - Purchasing & e-Procurement
- C. E-Business /E-Commerce:
 - EBZ 302 - e-Business Technology
 - EBZ 303: - Customer Relationship Management
 - EBZ 304: - e-Business enabled SCM
 - EBZ 305 - ERP
 - EBZ 306 - e-Business Startup and Development
- D. Design your own
 1. _____
 2. _____
 3. _____
 4. _____
 5. _____

*A maximum of two upper division courses from the College of Business Administration may be substituted only with the consent of a TOM Dept. Advisor. Prior approval is needed for any substitution.

Students who are interested in a minor program may select their List II courses from the requirements for the minor. Prior approval from a TOM Dept. Advisor is required. A "Request for Award of Minor" form must be filed with the offering department.