



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

ELM Satisfied _____ Yes _____ No
 EPT Satisfied _____ Yes _____ No
 GWT Satisfied _____ Yes _____ No

MAJOR **BUSINESS ADMINISTRATION (3000)**
 OPTION/EMPHASIS **Technology & Operations Mgmt. (3007)**
 UNITS REQUIRED **198**

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

TERM ADMITTED _____ YEAR: **2003-2004**
 EVALUATOR _____
 DATE _____
 UPDATES _____

CORE COURSES	Units	SUPPORT COURSES	Units	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 unless specified.	Units
REQUIRED OF ALL BUSINESS MAJORS:				GENERAL EDUCATION COURSES	
Microcomputer Proficiency ¹		Statistics with Applications STA 120 ²	4	Area A Communication and Critical Thinking– 12 units	
Leg Env of BusTrans FRL 201	4	Principles of Economics EC 201 ²	4	1 Written Communication	4
FIN Acctg for Decision Making ACC 207	5	Principles of Economics EC 202 ²	4	2 Oral Communication	4
MGRL Acctg for Decision Making ACC 208	5	Restricted electives cannot include courses in Business, Economics, Statistics, PLS 314, or PLS 318]	16-24 ²	3 Critical Thinking	4
Managerial Finance I FRL 300	3			Area B Math and Natural Sciences–16 units	
Managerial Finance II FRL 301	3			<i>Select at least one lab course from sub-area 2 or 3.</i>	
Prin Mktg Management IBM 301	4			1 Mathematics and Quantitative Reasoning	4
Prin of Management MHR 301	4			2 Physical Science	4
Multicultural Organizational Behavior MHR 318	4			3 Biological Science	4
Operations Management TOM 301	4			4 Science and Technology Synthesis	4
Managerial Statistics TOM 302	4			Area C Humanities–16 units	
Mgmt Information Systems CIS 310	4			1 Fine/Performing Arts	4
Strategic Management MHR 410	4			2 Philosophy and Civilization	4
or Strategic Management TOM 411	(4)	3 Literature and Foreign Language	4		
		4 Humanities Synthesis	4		
TOM REQUIRED COURSES:		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.		Area D Social Sciences– 20 units	
Management Science TOM 315	4	² If any of these specific courses are used for General Education (STA 120 in Area B1 and EC 201 or EC 202 in Area D2), then the Restricted Electives will be increased by four units per course up to the unit maximum of 8.		1a PLS 201 Intro Amer Govt	4
Production Mgmt TOM 332	4			1b HST 202 U.S. History	4
Total Quality Management TOM 401	4			2 History, Economics, and Political Science	4
				3 Sociology, Anthropology, Ethnic, and Gender Studies	4
Project Design and Development TOM 460	4			4 Social Science Synthesis	4
Senior Project TOM 461	2			Area E Lifelong Understanding and Self-Development–4 units	
Senior Project TOM 462	2			Synthesis courses cannot include courses in Business, Economics, Statistics, or PLS 318	
Undergrad Seminar TOM 463	2			GENERAL EDUCATION (above areas)	68
				UNRESTRICTED ELECTIVES	0
OTHER COURSES TO COMPLETE OPTION: At least 32 units of additional courses from the list of Technology & Operations Management Directed Electives (see TOM advisor for approval).	32				
		MCP SATISFIED _____ YES _____ NO			
		SUMMARY OF ADVANCED STANDING CREDIT: Earned Hours _____ G.P.A. Hours _____ Quality Points _____ G.P.A. _____			
UNITS REQUIRED:	102	UNITS REQUIRED:	28-36	UNITS REQUIRED:	68

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 taken at Cal Poly, Pomona to receive a degree in Business Administration.

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 430 - Material Requirements Planning
- TOM 432 - Production Management
- TOM 433 - Materials Management
- TOM 455 - Just-In-Time Production

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 & Expert Systems
- TOM 380 - Advanced Managerial Statistics
- TOM 415 - Forecasting Methods for Management
- TOM 418 - ERP – Applications in Operations
- TOM 419 - Simulation of Service Operations
- TOM 425 - Supply Chain Design, Analysis and Representation
- TOM 434 - Purchasing Management
- TOM 435 - Quality Management
- 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 & Expert Systems
- 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 380 - Advanced Managerial Statistics
- TOM 415 - Forecasting Methods for Management
- TOM 418 - ERP – Applications in Operations
- TOM 419 - Simulation of Service Operations
- TOM 425 - Supply Chain Design, Analysis and Representation
- TOM 430 - Material Requirements Planning
- TOM 433 - Materials Management
- TOM 434 - Purchasing Management
- TOM 435 - Quality Management
- TOM 437 - International Business Cases: Operations Management
- TOM 441/442 - Internship in Operations Management
- TOM 455 - Just-In-Time Production

*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.

Management of Technology

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

- TOM 320 - Management of Technology

Take two of the following courses:

- TOM 420 - Operations Technologies and Strategies
- EBZ 301 - Introduction to E-business
- HIST 408 - History of American Science & Technology

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

A. Information Technology: Take five courses from the following:

- CIS 234 - Object Oriented Programming
- CIS 235 - Intro. to OO Systems Analysis/Design
- CIS 267 - Business Telecommunications OR
- TOM 340 - Telecommunications and Office Auto.
- TOM 350 - Decision Support & Expert Systems
- TOM 436 - Project Management

B. Supply Chain Management: Take five courses from the following:

- IBM 309 - Business Logistics
- IBM 319 - Transportation Systems and Traffic Management
- TOM 418 - ERP – Applications in Operations
- TOM 419 - Simulation of Service Operations
- TOM 425 - Supply Chain Design, Analysis and Representation
- TOM 433 - Materials Management
- TOM 434 - Purchasing Management
- TOM 435 - Quality Management
- TOM 436 - Project Management

C. E-Business /E-Commerce:

- EBZ 302 - E-business Technology
- EBZ 303 - E-business Customer Relationship Management
- EBZ 304 - E-business-enabled Supply Chain Management
- EBZ 305 - E-business Enterprise Resource Planning
- EBZ 306 - E-business Startup and Development

D. Design your own option:

1. _____
2. _____
3. _____
4. _____
5. _____