Fall 2014   Name _____

INFORMATION TECHNOLOGY (IT) – 2045

Course		Credit	Term	Grade
	First Semester			
BSAD 100	Introduction to Business	3	_____	_____
CITA 152	Computer Logic	3	_____	_____
CITA 163	Survey of IT	3	_____	_____
ENGL 102	Oral and Written Expression (GER 10)	3	_____	_____
MATH ___	_____	3	_____	_____
		15		
	Second Semester			
ACCT ___	_____	4	_____	_____
CITA 170	Computer Concepts & OS	3	_____	_____
CITA 171	Operating Systems Use and Administration	3	_____	_____
MATH 141	Statistics (GER 1)	3	_____	_____
_____	GER _____	3	_____	_____
		16		
	Third Semester			
CITA 180	Intro to Programming	4	_____	_____
CITA 215	Database Concepts & Apps	3	_____	_____
CITA 220	Data Com & Network Tech	3	_____	_____
CITA 221	Data Com & Network Tech Lab	1	_____	_____
ECON ___	_____	3	_____	_____
_____	Program Elective	3	_____	_____
		17		
	Fourth Semester			
CITA 204	Systems Analysis & Design [WI]	3	_____	_____
CITA 250	Information Security	3	_____	_____
_____	Program Elective	3	_____	_____
_____	GER _____	3	_____	_____
_____	General Elective _____	3	_____	_____
		15		

GER: 1: __✔__   2: _____   3: _____   4: _____   5: _____

6: _____   7: _____   8: _____   9: _____   10: __✔__

All graduates must have a minimum of 45 UD credits and 30 liberal arts credits.
Seven different GER areas (including Mathematics and Basic Communication) must be completed. The list of all
   areas is: 1. Mathematics; 2. Natural Sciences; 3. Social Sciences; 4. American History; 5. Western Civilization;
   6. Other World Civilizations; 7. Humanities; 8. The Arts; 9. Foreign Language; 10. Basic Communication.
All CITA / Program Electives presented for graduation must have a grade of C (or better) or transfer credit.
No more than 3 CITA credits with a course number below CITA150 may be used for credit towards graduation.
Program Electives are courses from within the Canino SOET and the Business Department (including ACCT 102).
ACCT 104 Survey of Accounting recommended; ACCT 101 Financial Accounting recommended for students
   interested in business.
Minimum mathematics requirement is MATH 121 College Algebra.
ECON 101 Macroeconomics (GER 3) or ECON 103 Microeconomics (GER 3) recommended.

Course		Credit	Term	Grade
	Fifth Semester			
BSAD 301	Principles of Management	3	_____	_____
CITA 300	MIS	3	_____	_____
CITA 310	Web Server Administration	3	_____	_____
SOET 361	Project Management	3	_____	_____
_____	GER _____	3	_____	_____
		15		
	Sixth Semester			
CITA 330	Emerging IT Applications	3	_____	_____
CITA 400	Quantitative Approaches to Management	3	_____	_____
SOET 370	Engineering Project Analysis	3	_____	_____
_____	Program Elective _____	3	_____	_____
_____	Program Elective _____	3	_____	_____
_____	GER _____	3	_____	_____
		18		
	Seventh Semester			
_____	Program Elective _____	3	_____	_____
_____	Program Elective _____	3	_____	_____
_____	GER _____	3	_____	_____
_____	UD / LA _____	3	_____	_____
_____	General Elective _____	3	_____	_____
		15		
	Eighth Semester			
CITA 460	IT & Networked Economy	3	_____	_____
SOET 477	Capstone Project	3	_____	_____
CITA 480	IT Internship	6	_____	_____
OR	Program Elective	3	_____	_____
and	Program Elective	3	_____	_____
		12		

CERTIFIED BY _____

Program Elective Sequences:

Network Security & Web Commerce
CITA 342 Visual Programming & Dev
   Tools
CITA 352 Ethical Hacking
   & Penetration Testing
CITA 420 Programming for the Web
CITA 440 Network Management

Management Information Systems
CITA 307 Customer Relationship Mgt
CITA 315 Decision Support Systems
CITA 320 Introduction to Data Mining
CITA 430 Data Knowledge Management