BACHELOR OF APPLIED TECHNOLOGY
ENGINEERING TECHNOLOGY - Civil
2011 - 2012

GENERAL EDUCATION CORE	REQ	COMP	NEED
SKILLS COMPONENT			
ENGL 101/102	6		
ENGL 109			
COMM 101, 202, 203, 204, 205	3		
MTHPT 130, 137, 138	3		
MATH 123, 130, 130A/B, 137, 143/144, 147			
ID 123 Math & Science Lit. **	6		
HUMANITIES 1 Lit & 1 Art course (6 cr. required)			
ENGL 150, ENGL 258, ENGL 257, HUM 301	3		
ART 100, HUM 101, HUM 150, MUS 101, THEA 101	3		
NATURAL SCIENCES 2 courses: NS 150 & 1 lab science			
NS 150 **	3		
BIOL 102, 120, 175, 252	4		
CHEM 102, 105, 111			
FSCI 101			
GEOL 100, 120			
NS 100, 171 & 172			
PHYS 111, 205, 211			
SOCIAL SCIENCE min 3 courses from 2 subjects (9 cr. req.)			
ANTH 102, 120, 170	9		
ECON 101, 102, 201, 202			
GEOG 102			
HIST 101, 102, 111, 112, 115			
HRPT 184, 185			
POLS 101, 285			
PSYC 101, 205			
SS 150, 184, 185			
SOC 101, 102			
INTEGRATIVE COMPONENT 1 course required			
NS, HUM, SS, 350	3		
ID, HUM, SS, 351			
TOTAL	37		

ELECTIVES			
TOTAL			

**** ID 123 can be taken to satisfy Core Math and NS 150**

130 Total Credit (minus remedial):
46 Upper Div. Credit:
37 Resident Credit (LCSC):

PROGRAM REQUIREMENTS		REQ	COMP	NEED
ADVANCE TECHNICAL CORE				
MATH 170	Calculus I	4		
GEOL 296	Co-op Soils	2		
GEOL 309	Hydrogeology	4		
GIS 271	Intro/Geographic Info Sys	4		
PHYS 211	Engr Physics I	4		
PHYS 212	Engr Physics II	4		
ENGTE 496	Co-op	5		
	TOTAL	27		

ADVANCE TECHNICAL CORE - Land Surveyor				
ENGTE 310	Surveying Law and Boundary	3		
ENGTE 311	Adv Surveying	3		
ENGTE 312	Public Land Surveying	3		
ENGTE 313	Surveying & Software App	3		
ENGTE 314	Research and Evidence	3		
ENGTE 315	Survey Adjustments	3		
ENGTE 317	Subdivision Planing&Platting	3		
ENGTE 411	Geodesy	3		
ENGTE 415	Survey Office Practice	3		
	TOTAL	**27**		

Take 19 credits of 300/400 Level Electives				
ENGTE 306	Strength of Material & Mech	5		
ENGTE 410	Project Management	4		
ENGTE 492	Directed Special Projects	v		
GEOL 300/400	Elective	v		
GIS 271	Geographic Inforformation Sys	4		
GIS 471	Advanced GIS	4		
GIS 481	Digital Remote Sensing	4		
ENGTE 490	Directed Study	v		
ENGTE 496	CO-OP	v		
	TOTAL			

v = variable credits

AAS DEGREE			
Engineering Technology - Civil	46		
TOTAL	46		

SUMMARY			
GENERAL EDUCATION	37		
PROGRAM REQUIREMENTS	47		
AAS DEGREE	46		
TOTAL	130		

NOTES, SUBSTITUTIONS, WAIVERS