

Recommended Course Sequence

Last updated 8/16/2011

Certificate / Major: Surveying Technology

Department: Applied Technology

Program Coordinator: Jerry Miller 527-4376

First Semester (Fall 13 units)

Course Number	Course Name/Description	Units	Semester(s) Offered
APTECH 45	Basic Manual Drafting	1.5	F
APTECH 46	Intro to AutoCAD	2	F
APTECH 90A	Applied Mathematics I	4	F
CEST 192	Non-technical skills for the technician	1.5	F
SURV 50	Intro to Plane Surveying	4	F

Second Semester (Spring 14 units)

Course Number	Course Name/Description	Units	Semester(s) Offered
GIS 40	Intro to Geographic Information Systems (GIS)	3	Sp
APTECH 90B	Applied Mathematics II	4	Sp
CEST 51	Civil Drafting Technology	3	Sp
SURV 51	Plane Surveying Applications	4	Sp

Third Semester (Fall 10 units)

Course Number	Course Name/Description	Units	Semester(s) Offered
SURV 53	Route Surveying & Design	4	F
SURV 56	Introduction to GPS	3	F
SURV 58	Evidence & Procedures for Boundary Determination	3	

Fourth Semester (Spring 9 units)

Course Number	Course Name/Description	Units	Semester(s) Offered
SURV 57	Advanced GPS Applications	3	Sp
SURV 59	Boundary Control & Legal Principles	3	Sp
Discipline Elective		3	

Notes: Math 155 and 27 may be substituted for APTECH 90A and 90B