

LAPELS APPROVED COURSE LIST

INSTITUTION	COURSE #	COURSE DESCRIPTION	CLASSIFICATION	CREDIT	
BATON ROUGE COMMUNITY COLLEGE	ENGR1032	ENGINEERING GRAPHICS	M	Full	
	ENGR207	SURVEYING	S	Full	
	ENGR208	ADVANCED SURVEYING	S	Full	
	ENGR209	LOUISIANA SURVEY LAW	R	Full	
BOSSIER PARISH COMMUNITY COLLEGE	CONS210	CONSTRUCTION SURVEYING & LAB	S	Full	
	TEED140	ENGINEERING GRAPHICS	M	Partial (1)*	
	TEED143	INTRODUCTORY COMPUTER DRAFTING	M	Partial (1)	
	TEED144	INTERMEDIATE COMPUTER DRAFTING	M	Partial (1)*	
	TEED156	CUSTOMIZING AUTOCAD	M	Partial (1)	
*Overlap - A total of 1 semester credit hour will be given for both courses.					
DELGADO COMMUNITY COLLEGE	CADD110	CONSTRUCTION GRAPHICS AND BLUEPRINT READING	M	Partial (1)	
	CADD125	INTRODUCTION TO DRAFTING	M	Full	
	CADD200	INTRODUCTION TO PARAMETRIC MODELING	M	Full	
	CADD201	INTRODUCTION TO CADD	M	Partial (1)	
	CADD202	THREE-DIMENSIONAL APPLICATIONS IN CADD	M	Full	
	CADD212	ARCHITECTURAL DRAWING APPLICATIONS IN CADD	M	Partial (2)	
	CADD214	MEP APPLICATIONS IN CADD	M	Partial (2)	
	CADD221	MECHANICAL APPLICATIONS IN CADD	M	Partial (2)	
	CADD231	STRUCTURAL/CIVIL APPLICATIONS IN CADD	M	Partial (2)	
	CADD242	PIPING APPLICATIONS IN CADD	M	Partial (2)	
	CADD245	SPECIAL TOPICS IN CADD	M	Partial (2)	
	CADD249	FUNDAMENTALS OF GIS	M	Full	
	CADD250	ADVANCED 3D MODELING TECHNIQUES	M	Full	
	CADD251	CARTOGRAPHY AND GEOGRAPHY IN GIS AND GPS	M	Full	
	CADD252	GEOGRAPHIC INFORMATION SYSTEM APPLICATIONS	M	Full	
	CADD253	WEB-SERVED GEOGRAPHIC INFORMATION SYSTEMS	M	Full	
	CIVT100	ELEMENTARY SURVEYING	S	Full	
	CIVT115	CIVIL DRAFTING	M	Full	
	CIVT105	ADVANCED SURVEYING	S	Full	
	DRAF125	DRAFTING I	M	Partial (2)	
	DRAF144	PICTORAL DRAWING	M	Partial (1)	
	DRAF170	DRAFTING II	M	Partial (2)	
	DRAF201	INTRODUCTION TO COMPUTER AIDED DRAFTING	M	Full	
	DRAF202	COMPUTER-AIDED DRAFTING II	M	Full	
	DRAF205	COMPUTER-AIDED DRAFTING III	M	Full	
	DRAF221	MECHANICAL DRAFTING	M	Partial (2)	
	DRAF242	PIPE DRAFTING	M	Partial (2)	
	RLST161	LOUISIANA REAL ESTATE LAW	R	Full	
	RLST261	PRINCIPLES/REAL ESTATE	R	Full	
	RLST263	PRINCIPLES OF RESIDENTIAL	R	Full	
ITI COLLEGE	CAD101	CAD I	M	Partial (2)	
	CAD132	CAD II	M	Partial (1)	
LOUISIANA COLLEGE	EN301	TECHNICAL WRITING	M	Full	
LA. STATE UNIVERSITY	CE3500	PLANE SURVEYING AND MEASUREMENTS	S	*	
	CE3600	PRINCIPLES OF HIGHWAY & TRAFFIC ENGINEERING	S	Partial (1) ††	
	CE3740	INDEPENDENT STUDIES IN CIVIL ENGINEERING	S/B	Full	
	CE4500	GEODETTIC AND PHOTOGRAMMETRIC SURVEYING	M	Full	
	CE4520	ADVANCED SURVEYING	S	Full	
	CE4530	CONTROL SURVEYING WITH GPS	S	Full	
	CE4550	BOUNDARY SURVEYING	S/B	Full	
	CE4560	ENGINEERING APPLICATIONS TO REMOTE SENSING	M	Full	
	CE4600	GEOMETRIC DESIGN OF HIGHWAYS & AIRPORTS	S	Partial (2) ††	
	CE4750	PROFESSIONAL ISSUES & CONCEPT DESIGN IN CIVIL ENGINEERING	S	Partial (1)	
	CM1010	CONSTRUCTION GRAPHICS & NOMENCLATURE	M	Partial (2)	
	CM1020	ENGINEERING GRAPHICS FOR MECHANICAL ENGINEERS	M	Full	
	CM1030	HONORS ENGINEERING GRAPHICS	M	Full	
	CM2105	CONSTRUCTION SURVEYING & LAYOUT	S	*	
	CM3100	CONSTRUCTION SURVEYING & LAYOUT	S	*	
	CM4206	SPECIAL TOPICS IN CONSTRUCTION MANAGEMENT	S	Provide syllabus	
	EGR1001	ENGINEERING GRAPHICS	M	Full	
	FIN3351	PRINCIPLES OF REAL ESTATE	R	Full	
	GEOG2039	CARTOGRAPHIC DRAFTING AND GRAPHIC PRESENTATION	M	Full	
	GEOG2040	GEOSPATIAL TECHNOLOGIES	M	Partial (2)	
	GEOG4019	AERIAL PHOTO INTERPRETATION-CULTURAL FEATURES	M	**	
	GEOG4020	AERIAL PHOTO INTERPRETATION AND IMAGE PROCESSING	M	**	
	GEOG4040	COMPUTER CARTOGRAPHY	M	Full	
	GEOG4041	FIELD METHODS IN PHYSICAL GEOGRAPHY	M	Full	
	GEOG4043	CRIME GIS	M	Full	
	GEOG4044	COMPUTER CARTOGRAPHY	M	Full	
	GEOG4045	ENVIRONMENTAL REMOTE SENSING	M	Partial (1)	
	GEOG4047	GEOGRAPHIC INFORMATION SYSTEMS (SECTION 3)	M	Full	
	GEOG4049	ADVANCED COMPUTER CARTOGRAPHY	M	Full	
	RNR 2001	TREES AND WOODY PLANTS OF THE SOUTHEAST	M	Full	
	RNR3004	FOREST PHOTOGRAMMETRY GIS & GPS	M	Full	
	*A total of 4 semester credit hours will be given for both courses				
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	†A total of 4 semester credit hours will be given for both courses				
	††No credit allowed for these two courses if claiming credit for CE4520				

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Updated March 2024

INSTITUTION	COURSE #	COURSE DESCRIPTION	CLASSIFICATION	CREDIT	
LSU ALEXANDRIA	BUS3201	BUSINESS LAW I	R	Full	
LA. TECH UNIVERSITY	BLAW441	REAL ESTATE LAW	R	Full	
	CADD1210	BASIC COMPUTER AIDED DRAFTING & DESIGN	M	Full	
	CVEN254	PLANE SURVEYING	S	Full	
	CVEN255	AUTOCAD DRAFTING	M	Full*	
	CVEN256	CONSTRUCTION DATA MODELING	M	Full	
	CVEN332	HIGHWAY ENGINEERING	S	Partial (1)	
	CVEN355	ADVANCED SURVEYING	S	Full	
	CVEN357	ENGINEERING & CONSTRUCTION SURVEYING	S	Full	
	CVEN358	ENGINEERING & CONSTRUCTION SURVEYING	S	Full	
	CVEN450A	GIS/GPS SYSTEMS	M	Full	
	CVEN456	LEGAL ASPECTS OF BOUNDARY SURVEYING	S/B	Full	
	CVEN457	PRACTICAL SURVEYING	S	Full	
	CVEN492	CIVIL ENGINEERING DESIGN I	S	**	
	CVEN493	CIVIL ENGINEERING DESIGN II	S	**	
	CVEN494	CIVIL ENGINEERING DESIGN III	S	**	
	CVTE255	CONSTRUCTION ENGINEERING TECHNOLOGY	M	Full*	
	ENGL303	TECHNICAL WRITING	M	Full	
	ENGR120	ENGINEERING PROBLEM SOLVING	M	Partial (1)	
	ENGR151	ENGINEERING GRAPHICS & COMPUTER MODELING	M	Full	
	FINC442	PRINCIPLES OF REAL ESTATE AND LAND USE ECONOMICS	R	Partial (1)	
	GIS341	COMPUTER CARTOGRAPHY	M	Full	
	GIS350	INTERMEDIATE GIS	M	Full	
	GIS217	AERIAL PHOTO INTERPRETATION	M	Full	
	GIS224	GPS IN NATURAL RESOURCES MGMT	M	Full	
	GIS250	INTRODUCTION TO GIS	M	Full	
	GIS260	REMOTE SENSING	M	Partial (1)	
	INEN415/450B	COMPUTER AIDED ENGINEERING/AUTOCAD	M	Full	
	*Credit allowed for one or the other - not both				
	**To be awarded upon completion of CVEN494 - 1 hour total				
	***Need syllabi.				
	MCNEESE UNIVERSITY	CIEN313	TRANSPORTATION ENGINEERING	S	Partial (1)
		CIEN310	ELEMENTARY SURVEYING	S	Full
CIEN406		ADVANCED SURVEYING	S	Full	
ENGR101		ENGINEERING GRAPHICS	M	Full	
ENGR491		SENIOR DESIGN PROJECT II	S	Partial (1/2 hr)	
GEOG231		GEOGRAPHIC INFORMATION SYSTEM I	M	Full	
GEOG361A		INTRO TO GEOGRAPHIC INFORMATION SYSTEMS	M	Full	
NICHOLLS STATE UNIVERSITY	EGSC101	ENGINEERING GRAPHICS	M	Full	
	EGSC111	ENGINEERING GRAPHICS WITH COMPUTER AIDED DRAWING	M	Full	
	EGSC222	GEOVISUALIZATION	M	Full	
	EGSC301	INTRODUCTION TO COMPUTER AIDED DRAWING	M	Full	
	EGSC302	COMPUTER AIDED SURVEYING DRAWING	M	Full	
	FIN341	PRINCIPLES OF REAL ESTATE	R	Partial (1)	
	FIN441	REAL ESTATE APPRAISAL	R	Partial (1)	
	GEOM101	INTRODUCTION TO GEOMATICS	S	Full	
	GEOM140	INTERNSHIP I	S	Full	
	GEOM201	GEOMATICS METHODS I	S	Full	
	GEOM202	GEOMATICS METHODS II	S	Full	
	GEOM203	GEOMATICS METHODS I LAB	S	Full	
	GEOM204	GEOMATICS METHODS II LAB	S	Full	
	GEOM301	ROUTE & CONSTRUCTION SURVEYS	S	Full	
	GEOM303	ROUTE & CONSTRUCTION SURVEYS LAB	S	Full	
	GEOM304	MEASUREMENT SCIENCE	S	Full	
	GEOM305	GEODESY & GEODETIC COORDINATES	S	Full	
	GEOM310	BOUNDARY CONTROL & LEGAL PRINCIPLES	S/B	Full	
	GEOM311	GIS THEORY & APPLICATIONS	M	Full	
	GEOM401	SUBDIVISION DESIGN & PLATTING	S	Full	
	GEOM405	GEODETIC POSITIONING SYSTEMS	S	Full	
	GEOM410	SURVEYING & MAPPING PRACTICE	S	Full	
	GEOM411	MAPPING BY PHOTOGRAMMETRY & REMOTE SENSING	M	Full	
	LASS220	REAL ESTATE LAW	R	Full	
	SOUTHEASTERN LA. UNIVERSITY	CTEC171	SURVEY PRINCIPLES	S	Full
		DDT114	TECHNICAL ILLUSTRATION	M	Partial (2)
DDT211		PIPE DRAFTING	M	Full	
DDT212		PARAMETRIC MODELING OF MACHINE PARTS/ASSEMBLIES	M	Full	
DDT316		ADVANCED COMPUTER-AIDED DRAFTING AND DESIGN	M	Full	
IT111		ENGINEERING DRAFTING	M	Partial (1)	
IT112		DESCRIPTIVE GEOMETRY	M	Partial (1)	
IT215		COMPUTER AIDED DRAFTING	M	Full	

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INSTITUTION	COURSE #	COURSE DESCRIPTION	CLASSIFICATION	CREDIT	
TH HARRIS/ACADIANA TECHNICAL COLLEGE/ SOUTH LA. COMMUNITY COLLEGE	CIVL1120	SURVEYING I LECTURE	S	Full	
	CIVL1121	SURVEYING I LAB	S	Full	
	CIVL1140	BASIC DRAFTING	M	Full	
	CIVL1141	BASIC DRAFTING	M	Full	
	CIVL1220	SURVEYING II LECTURE	S	Full	
	CIVL1221	SURVEYING II LAB	S	Full	
	CIVL1320	SURVEYING III LECTURE	S	Full	
	CIVL1321	SURVEYING III LAB	S	Full	
	CIVL1330	LOUISIANA SURVEY LAW	S	Full	
	CIVL1411	SURVEYING IV LAB	S	Full	
	CIVL1413	SURVEYING IV LECTURE	S	Full	
	CIVL1420	MAP STUDY (PHOTOGRAMMETRY)	M	Full	
	CIVL1430	LEGAL PRINCIPLES OF SURVEYING	S/B*	Full	
	CIVL1441	COMPUTER AIDED DRAFTING	M	Full	
	CIVL1460	DATA COLLECTION AND PROCESSING	S	Full	
	CIVL1470	GEOGRAPHIC INFORMATION SYSTEMS	M	Full	
	CIVL1480	REAL PROPERTY/ LAND DEVELOPMENT	R	Full	
	CIVL2520	ADVANCED SURVEY PRACTICES	S	Full	
	CIVL2551	COMPUTER SOFTWARE(SURVEYING APPS)	M	Full	
	CIVL2560	HYDROGRAPHIC SURVEYING	S	Full	
	CIVL2620	U.S. PUBLIC LAND SURVEYS	S/B*	Full	
	UNIVERSITY OF WYOMING thru Fall 2010				
		COURSE	COURSE DESCRIPTION		
		CE2070	ENGINEERING SURVEYING		
		CE2074	ETHICS FOR THE PROF. SURVEYOR		
		CE2080	PUBLIC LAND SURVEYS I		
		CE2086	ADVANCED PUBLIC LAND SURVEYS		
		CE2088	WRITING LAND DESCRIPTIONS		
		CE3710	ROUTE SURVEYING		
	CE3720	ADVANCED SURVEYING			
	CE3740	LEGAL PRINCIPLES			
	CE3750	EVIDENCE AND PROCEDURES			
	CE4920	COASTAL WATER BOUNDARIES			
	CE4920	BASIC GEODESY FOR TODAY'S GPS LS			
	MGT3340	REAL ESTATE LAW			
	CIVL2511	SURVEYING TECHNICAL PRACTICE I	S	Partial (2)	
	CIVL2520	ADVANCED SURVEY PRACTICES	S	Full	
	CIVL2530	APPLIED SURVEYING MATH	S	Full	
	CIVL2551	COMPUTER SOFTWARE (SURVEYING APPS)	S	Full	
	CIVL2560	HYDROGRAPHIC SURVEYING	M	Full	
	CIVL2620	U.S. PUBLIC LAND SURVEYS	S/B*	Full	
	CIVL2630	HIGHWAY PLAN READING	M	Partial (2)	
*Both required to count as Boundary course					
UNIVERSITY OF LA. LAFAYETTE	BLAW309 or 320	LA. MINERAL LAW	R	Full	
	CIVE142	CIVIL ENGINEERING GRAPHICS	M	Partial (2)*	
	CIVE225	SURVEYING	S	Full	
	CIVE442	SENIOR DESIGN	S	Partial (2)	
	CIVE450	HIGHWAY ENGINEERING	S	Partial (1)	
	ENGL365	TECHNICAL WRITING	M	Partial (2)	
	ENVS455G	GEOGRAPHIC INFORMATION SCIENCE I	M	Full	
	ENVS464G	GEOGRAPHIC INFORMATION SCIENCE II	M	Full	
	GEOL437/337	COMPUTER APPLICATIONS IN GEOLOGY	M	Full	
	GIS305	INTRODUCTION TO GEOGRAPHIC INFORMATION SYSTEMS	M	Full	
	ITEC/MCHE103	INTRODUCTORY GRAPHICS	M	Full	
	ITEC270	AUTOCAD DRAFTING	M	Full*	
	*Credit allowed for one or the other - not both - for total of no more than 3 hours				
	UNIVERSITY OF LA. MONROE	CONS112/113-01	ARCHITECTURAL DRAFTING	M	**
CONS211		CONSTRUCTION SURVEYING	S	*	
CONS212		CONSTRUCTION SURVEYING	S	*	
CONS355/FCSC355		COMPUTER AIDED DRAFTING	M	**	
*Taught jointly					
**2 hours allowed for each OR 3 hours for both					
UNIVERSITY OF NEW ORLEANS	ENCE2301	CIVIL ENGINEERING COMPUTING & GRAPHICS	M	Full	
	ENCE2310	ELEMENTARY SURVEYING MEASUREMENTS	S	Full	
	ENCE4097/5097	CIVIL ENGINEERING GIS APPLICATIONS	M	Full	
	ENCE4313/5313	DRONE APPLICATION AND REMOTE PILOT TRAINING	M	Full	
	ENCE4386/5386	PRINCIPLES OF TRANSPORTATION AND HWY ENGINEERING	S	Partial (1)	
	ENCE4390	SENIOR CIVIL ENGINEERING DESIGN PROJECT	S	Full	
	ENCW2302/2303	CIVIL ENGINEERING COMPUTER & GRAPHICS	M	Full	
	ENME1781	INTRODUCTION TO ENGINEERING DESIGN AND GRAPHICS	M	Full	
	FIN2335	PRINCIPLES OF REAL ESTATE	R	Partial (1)	
	GEOG4805/5805	FUNDAMENTALS OF MAPPING	M	Full	
	GEOG4810/5810	REMOTE SENSING I	M	Partial (1)	
	GEOG4820/5820	REMOTE SENSING II	M	Partial (1)	
	GEOG4830/5830	GIS THEORIES & CONCEPTS	M	Full	

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Updated March 2024

INSTITUTION	COURSE #	COURSE DESCRIPTION	CLASSIFICATION	CREDIT
UNIVERSITY OF AKRON	2880:230	COMPUTER AIDED DRAWING II	M	Partial (2)
	2940:170	SURVEYING DRAFTING	M	Full
	2980:100	INTRODUCTION TO GEOMATICS	M	Full
	2980:101	BASIC SURVEYING I	S	Full
	2980:102	BASIC SURVEYING II	S	Full
	2980:222	CONSTRUCTION SURVEYING	S	Full
	2980:223	FUNDAMENTALS OF MAP PRODUCTION	M	Full
	2980:225	ADVANCED SURVEYING	S	Full
	2980:228	BOUNDARY SURVEYING	S/B	Full
	2980:310	SURVEYING COMPUTATIONS & ADJUSTMENTS	S	Full
	2980:315	BOUNDARY CONTROL & LEGAL PRINCIPLES	S/B	Full
	2980:355	COMPUTER APPLICATIONS IN SURVEYING	M	Partial (2)
	2980:415	LEGAL ASPECTS OF SURVEYING	RP	Full
	2980:420	ROUTE SURVEYING	S	Full
	2980:421	SUBDIVISION DESIGN	S	Partial (1)
	2980:422	GPS SURVEYING	S	Partial (2)
	2980:425	LAND NAVIGATION	M	Full
2980:445	APPLICATIONS IN GIS USING GPS	M	Full	
2985:101	INTRO TO GEOGRAPHIC & LAND INFORMATION SYSTEMS (GIS/LIS)	M	Full	
UNIVERSITY OF ARKANSAS FAYETTEVILLE	ANTH/GEOG4553	INTRODUCTION TO RASTER GIS (RASTER 1)	M	Full
	ANTH/GEOG4563	VECTOR GIS	M	Full
	ANTH4503/GEOG410 & ENVS6042	RASTER II: ADVANCED RASTER GIS/SPATIAL MODELING	M	Full
	CVEG2053	SURVEYING SYSTEMS	S	Full
	CVEG2051L	SURVEYING SYSTEMS LABORATORY	S	Full
	CVEG4053	LAND SURVEYING	S	Full
	GEOG/ANTH4593	INTRODUCTION TO THE GLOBAL POSITIONING SYSTEM	S	Full
GEOG5423	REMOTE SENSING OF NATURAL RESOURCES	M	Full	
UNIVERSITY OF ARKANSAS MONTICELLO	SIS1001	INTRO TO SPATIAL INFORMATION SYSTEMS	S	Full
	SIS2014	BOUNDARY SURVEYING	S/B	Full
	SIS2023	COMPUTER ASSISTED CARTOGRAPHY	M	Partial (2)
	SIS2114	PLANE SURVEYING I	S	Partial (3)
	SIS3153	SURVEY PLATS & DEEDS	S	Full
	SIS3264	ROUTE & CONSTRUCTION SURVEYING	S	Full
	SIS3814	INTRO TO GIS, GPS & REMOTE SENSING	M	Full*
	SIS3843	ADVANCED GIS	M	Full*
	SIS3923	REMOTE SENSING	M	Full
	SIS4183	MAPPING LAW & PROFESSIONALISM	R	Full
	SIS4193	ADVANCED GLOBAL POSITIONING SYSTEMS	S	Full
SIS4454	PLANE SURVEYING II	S	Full	
*Credit allowed for one or the other (not both)				
AUSTIN COMMUNITY COLLEGE	RELE1309	REAL ESTATE LAW	R	Full
CALIFORNIA POLYTECHNIC STATE UNIVERSITY, SAN LUIS OBISPO	BRAE133	ENGINEERING DESIGN GRAPHICS	M	Full
	BRAE151	CAD FOR AGRICULTURAL ENGINEERING	M	Full
	BRAE239	ENGINEERING SURVEYING	S	Full
	BRAE345	AERIAL PHOTOGRAMMETRY AND REMOTE SENSING	M	Full
	BRAE447	ADVANCED SURVEYING WITH GIS APPLICATIONS	S	Full
	FNR215	LAND AND RESOURCE MEASUREMENTS	S	Full
	FNR247	FOREST SURVEYING	S	Full
	FNR318	APPLICATIONS IN GIS	M	Full
	NR418	APPLIED GIS	M	Full
CALIFORNIA STATE UNIVERSITY, FRESNO	GME15	ENGINEERING SURVEYING	S	Partial (2)
	GME15L	ENGINEERING SURVEYING LECTURE 1	S	Partial (1)
	GME153	BOUNDARY SURVEY DESIGN	S/B	Full
	GME40	ROUTE AND CONSTRUCTION SURVEYING	S	Partial (4)
	GME102	GEODETTIC SURVEYING	S	Full
	GME151	BOUNDARY CONTROL AND LEGAL PRINCIPLES	S/B	Full
	GME159	SUBDIVISION DESIGN	S	Full
	GME66	CIVIL 3D	M	Full
	GME143	CIVIL & GEOMATICS ENGINEERING	M	Full
	GME123	STEREO-PHOTOGRAMMETRY	M	Full
	GME152	REAL PROPERTY DESCRIPTIONS	R	Full
UNIVERSITY CALIFORNIA SAN DIEGO	GIS2	SPATIAL ANALYSIS	M	Full
COLLEGE OF THE CANYONS	SURV101	INTRO TO LAND SURVEYING	S	Full
	SURV102	ADVANCED LAND SURVEYING	S	Full
	SURV103	ADV APPLICATIONS IN SURVEYING I	S	Full
	SURV104	ADV APPLICATIONS IN SURVEYING II	S	Full
	SURV105	BOUNDARY CONTROL & LEGAL PRINCIPLES I	S/B	Full
	SURV106	BOUNDARY CONTROL & LEGAL PRINCIPLES II	B	Full
	SURV107	CONSTRUCTION SURVEYING	S	Full
	SURV110	COMPUTER AIDED DRAFTING FOR SURVEYORS	M	Full
CINCINNATI STATE	CET250	ROUTE LOCATION & DESIGN	S	Full
	CET251	ELEMENTS OF LAND SURVEY I	S	Full
	CET252*	ELEMENTS OF LAND SURVEY II	B	Full
	CET260	CONTROL SURVEYING	S	Full
	CET267	SURVEYING LAWS, ETHICS, & HISTORY	S	Full
	CET277	SURVEYING CALCULATIONS	S	Full
*Must take both CET251 and CET252 to get Boundary credit.				

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INSTITUTION	COURSE #	COURSE DESCRIPTION	CLASSIFICATION	CREDIT	
CLEMSON UNIVERSITY	CE2550	GEOMATICS	M	Partial (1)	
	CE3110	TRANSPORTATION ENGR	S	Partial (1)	
	CE3530	PROFESSIONAL SEMINAR	S	Full	
	CE4110	ROADWAY GEO DESIGN	S	Partial (1)	
	CE4590	CAPSTONE DESIGN PROJ	S	Partial (1)	
	CE51020	ENG DISCIP & SKILLS	M	Partial (1)	
	EG2080	ENGR GR & DESIGN	M	Partial (2)	
	ENGR1410	PROG/PROB SOLV	M	Partial (1)	
COPIAH-LINCOLN COMMUNITY COLLEGE	DDT1114	FUNDAMENTALS OF DRAFTING	M	*	
	DDT1313	PRINCIPLES OF CAD	M	*	
	DDT1323	INTERMEDIATE CAD	M	**	
	DDT1413	ELEMENTARY SURVEYING	S	Full	
	DDT2343	ADVANCED CAD	M	**	
*Credit allowed for only 1 of these courses					
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UNIVERSITY OF CENTRAL ARKANSAS	GEOG3303	INTRODUCTION TO GIS	M	Full	
	GEOG3306	REMOTE SENSING & IMAGE INTERPRETATION	M	Partial (1)	
EVERGLADE UNIVERSITY	BCN200	INTRODUCTION TO SURVEYING LEGAL ENVIRONMENT	S	Full	
	SUR331	ROUTE SURVEYING	S	Full	
	SUR341	LAND TENURE AND LEGAL CONSIDERATIONS	B	Full	
	SUR386	INSTRUMENTATION IN SURVEYING	S	Partial (2)	
	SUR446	GEOINFORMATICS GPS REMOTE SENSING	M	Full	
	SUR455	LAND SURVEYING AND MAPPING	M	Partial (2)	
	SUR463	GPS SURVEYING	S	Full	
	SUR4900	SURVEYING STANDARDS AND SPECIFICATIONS	S	Full	
	SUR1000	FUNDAMENTALS OF SURVEYING	S	Partial (1)	
	FERRIS STATE UNIVERSITY	CENG220	ENGINEERING SURVEYING	S	Full
GIS225		PRINCIPLES OF GIS	M	Full	
GIS239		REMOTE SENSING	M	Full	
SURE110		FUNDAMENTALS OF SURVEYING	S	Full	
SURE115		INTRO TO COMPUTER MAPPING	M	Full	
SURE230		ADVANCED SURVEYING	S	Full	
SURE340		PHOTOGRAMMETRY I	M	Full	
SURE365		LEGAL ASPECTS OF SURVEYING I	S	Full	
SURE366		EVIDENCE & PROCEDURES FOR BOUNDARY LOCATION	S/B	Full	
SURE372		ADJUSTMENT COMPUTATIONS I	S	Full	
SURE373		ADJUSTMENT COMPUTATIONS 2	S	Full	
SURE440		ADVANCED PHOTOGRAMMETRY	M	Full	
SURE452		GEODESY I	M	Full	
SURE453		GEODESY II	S	Full	
SURE465		LEGAL ASPECTS OF SURVEYING II	RP	Full	
FLORIDA STATE COLLEGE - JACKSONVILLE	ENC2210	TECHNICAL REPORT WRITING	M	Full	
UNIVERSITY OF FLORIDA	GIS4121/6116	GEOSPATIAL/GIS ANALYSIS	M	Full	
	REE3043	REAL ESTATE ANALYSIS	R	Full*	
	SUR2101	GEOMATICS	S	Full	
	SUR3103C	GEOMATICS (elementary)	S	Full	
	SUR3323	VISUALIZATION OF SPATIAL INFORMATION	M	Full	
	SUR3331	PHOTOGRAMMETRY	M	Full	
	SUR3393/3393L	GEOGRAPHIC INFORMATION SYSTEMS	M	Full	
	SUR3501	GEODETTIC & CONTROL SURVEYING	S	Full	
	SUR3520/5525	MEASUREMENT SCIENCE LEAST SQUARES ADJUSTMENT	S	Full	
	SUR3641	SURVEYING COMPUTATIONS	S	Full	
	SUR4201	ROUTE GEOMETRICS AND DESIGN	S	Full	
	SUR4350	ADVANCED PHOTOGRAMMETRY	M	Full	
	SUR4380	REMOTE SENSING	M	Full	
	SUR4403	CADASTRAL PRINCIPLES	S or R	Full	
	SUR4430	SURVEYING AND MAPPING PRACTICE	S/B	Full	
	SUR4463	SUBDIVISION DESIGN	S	Full	
	SUR4530	GEODESY	M	Full	
	SURV4530/6536	GEODESY AND GEODETTIC POSITIONING	S	Full	
	SUR4905	HYDROGRAPHIC SURVEYING	S	Full	
	SUR4912	SENIOR PROJECT - SPRING 2010	S	Full	
	SUR4934/6934	MARINE GEOMATICS	S	Full	
	SUR5365	DIGITAL MAPPING	M	Full	
	SUR5386	IMAGE PROCESSING FOR REMOTE SENSING	M	Full	
	SUR5625	GIS ANALYSIS	M	Full	
	SUR6905	HIGH RESOLUTION IMAGE ANALYSIS	M	Full	
	*Approved only as part of Geomatics degree				
	GEORGIA TECH	CE1770	INTRO TO ENGINEERING GRAPHICS	M	Full

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INSTITUTION	COURSE #	COURSE DESCRIPTION	CLASSIFICATION	CREDIT
GREAT BASIN COLLEGE	CADD121	CAD FOR LAND SURVEYORS	M	Full
	SUR280	FUNDAMENTALS OF GEOMATICS I	S	Full
	SUR281	FUNDAMENTALS OF GEOMATICS II	S	Full
	SUR290	INTRO TO URBAN DEVELOPMENT	S	Partial (2)
	SUR320	GIS FOR SURVEYORS	M	Full
	SUR330	INTRO TO LEAST SQUARES ADJUSTMENT	S	Full
	SUR340	PHOTOGRAMMETRY & REMOTE SENSING	M	Full
	SUR360	PUBLIC LAND SURVEY SYSTEM	S/B	Full
	SUR365	LAND DESCRIPTIONS	RP	Full
	SUR440	GEODETIC & GPS SURVEYING	S	Full
	SUR450	CONSTRUCTION SURVEYING	S	Full
	SUR460	ADVANCED BOUNDARY ANALYSIS	S/B	Full
	SUR495	LAND SURVEYING / GEOMATICS CAPSTONE	S	Full
HAMLINE UNIVERSITY	LAW9141	PROPERTY I	R	Full
	LAW9517	MODERN REAL ESTATE TRANSACTIONS	R	Full
HINDS COMMUNITY COLLEGE	DDT1413	ELEMENTARY SURVEYING	S	Full
	DDT2433	LEGAL PRINCIPLES OF SURVEYING	S	Full
	DDT2443	ADVANCED SURVEYING	S/B	Full
	MIMT2723	REAL ESTATE LAW	R	Full
HOUSTON COMMUNITY COLLEGE	RELE1309	REAL ESTATE LAW	R	Full
UNIVERSITY OF HOUSTON	CIVT3364	COMPUTER APPLICATIONS IN SURVEYING	S	Full
	CIVT3365	SITE DEVELOPMENT	M	Full
	CIVT3367	PHOTOGRAMMETRY	M	Full
	CIVT3368	LEGAL ASPECTS OF SURVEYING I	S	Full
	CIVT3369	LAND INFORMATION SYSTEMS	R	Full
	CIVT4362	GEODESY	S	Full
	CNST1330	GRAPHIC I (LEC & LAB)	M	Partial (2)
	CNST4265	SITE DEVELOPMENT	S	Partia (2)
	MECT3341	COMPUTER-AIDED DRAFTING I	M	Full
	SURY2361	SURVEYING I	S	Full
	SURY2371	GLOBAL POSITIONING SYSTEMS	S	Full
	SURY2372	GEOGRAPHICAL INFORMATION SYSTEM (GIS)	M	Full
	SURY3342	COMPUTER AIDED SURVEYING	M	Full
	SURY3363	SURVEYING III	S	Full
	SURY3373	SUBDIVISION PLANNING & DESIGN	S/B	Full
	SURY3462	SURVEYING II	S	Full
	SURY4361	SURVEYING PRACTICUM	S	Full
	SURY4363	LEGAL ASPECT OF SURVEYING	S/B	Full
	SURY4364	SURVEYING IV	S/B	Full
	SURY4369	SURVEY ANALYSES	S/B or R	Full
	SURY4398	SPECIAL PROBLEMS IN SURVEYING	S	Full
SURY4170	ETHIC IN PROFESSIONAL SURVEYING	S	Partial (1)	
IDAHO STATE UNIVERSITY	CET1122	INTERMEDIATE SURVEYING AND SPATIAL ANALYSIS	S	Full
	GEMT3310	BOUNDARY CONTROL AND LEGAL PRINCIPLES	S/B	Full
	GEMT3319	WRITING LEGAL DESCRIPTIONS	R	Full
	GEMT4411	GEODESY	S	Full
	GEMT4430	DPS PRINCIPLES AND APPLICATIONS	S/M	Full
UNIVERSITY OF ILLINOIS URBANA-CHAMPAIGN	CE201	ENGINEERING SURVEYING	S	Full
	CE205	ROUTE SURVEYING	S	Full
	GE103	ENGINEERING GRAPHICS & DESIGN	M	Full
	GEOG377	INTRODUCTION TO REMOTE SENSING	M	Full
INDIAN RIVER STATE COLLEGE	ETD1320	INTRODUCTION TO AUTOCAD	M	Partial (2)
	ETD2340	AUTOCAD LEVEL II	M	Full
	SUR1101	BASIC SURVEYING & MAPPING	S	Full
	SUR2400	LEGAL ASPECTS OF LAND SURVEYING	S/B	Full
	SUR2402	LEGAL DESCRIPTIONS	S	Full
	SUR2600	SURVEYING II	S	Full
IVY TECH COMMUNITY COLLEGE	DCT102	CAD FUNDAMENTALS	M	Full
	DCT107	AG APPLICATIONS OF GIS SYSTEMS	M	Full
	DCT292	CAD MAPPING	M	Full
JOHNSON COUNTY COMMUNITY COLLEGE	ENGR131	ENGINEERING GRAPICS I	M	Full
LAKE SUPERIOR COLLEGE	CADE1407	ENGINEERING CAD	M	Partial (3)
	CETT1405	FUNDAMENTALS OF SURVEYING	S	Full
	CETT1420	ROUTE SURVEY	S	Full
	CETT1430	CIVIL CAD APPLICATIONS	M	Partial (3)
	CETT2400	INTERMEDIATE SURVEY	S	Full
	CETT2420	LAND SURVEY SYSTEMS	S	Full
	CETT2460	ADVANCED SURVEY	S	Full
LAMAR UNIVERSITY	ENGL3310	TECHNICAL WRITING	M	Full

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INSTITUTION	COURSE #	COURSE DESCRIPTION	CLASSIFICATION	CREDIT
LONE STAR COLLEGE (ALL CAMPUSES)	DFTG1309	BASIC COMPUTER AIDED DRAFTING & DESIGN	M	Partial (3)
	SRV1171	CAPSTONE EXAM PREPARATION	S	Partial (1)
	SRVY1301	INTRODUCTION TO SURVEYING	S	Full
	SRVY1313	PLANE SURVEYING	S	Full
	SRVY1315	SURVEY CALCULATIONS I	S	Full
	SRVY1319	INTRODUCTION TO GIS	M	Full
	SRVY1335	LAND SURVEYING APPLICATIONS	S	Full
	SRVY1341	LAND SURVEYING	S	Full
	SRVY1342	GPS TECHNIQUES FOR SURVEYING & MAPPING W/LAB	S	Full
	SRVY1349	SURVEYING CALCULATIONS II	S	Full
	SRVY1441	LAND SURVEYING W/LAB	S	Full
	SRVY2309	COMPUTER AIDED MAPPING	M	Full
	SRVY2313	CONTROL SURVEYING	S	Full
	SRVY2343	LEGAL PRINCIPALS I	S/B	Full
	SRVY2344	LEGAL PRINCIPALS II	R	Full
UNIVERSITY OF MAINE	SIE509	PRINCIPLES OF GIS	M	Full
	SVT121	AUTOCAD FOR SURVEYORS I	M	Full
	SVT202	ROUTE AND SITE SURVEYING	S	Full
	SVT221	BOUNDARY LAW	R	Full
	SVT322	PREPARING EFFECTIVE PROPERTY DESCRIPTIONS	R	Full
	SVT331	PHOTOGRAMMETRY	M	Full
	SVT341	ADVANCED SURVEYING	S	Full
	SVT352	PRACTICAL FIELD OPERATIONS	S	Full
	SVT437	PRACTICAL GPS	S	Full
	SVT511	GEODETTIC U.S. PUBLIC LAND SURVEY COMPUTATIONS	S	Full
	SVT531	ADVANCED DIGITAL PHOTOGRAMMETRY	M	Full
	SVT532	SURVEY STRATEGIES IN USE OF LIDAR	M	Full
	SVT541	GEODESY	S	Full
	SRVY135	ELEMENTARY SURVEYING	S	Full
	SRVY137	SUBDIVISION PLANNING & LAYOUT	S	Full
SRVY236	LEGAL ASPECTS OF SURVEYING	R	Full	
SRVY237	LAND SURVEYING	R	Full	
METROPOLITAN STATE COLLEGE OF DENVER	COM390F	TECHNICAL WRITING FOR SURVEYING AND MAPPING	M	Full
	SUR2520	SURVEYING II	S	Full
	SUR2550	SURVEYING COMPUTATIONS	S	Full
	SUR3100	SURVEY DATA ADJUSTMENT AND ANALYSIS I	S	Full
	SUR3220	REAL PROPERTY DESCRIPTIONS	R	Full
	SUR3300	PHOTOGRAMMETRY	M	Full
	SUR3540	BOUNDARY LAW I	S/B	Full
	SUR3700	GEODESY I	S	Full
	SUR4540	BOUNDARY LAW II	S/B	Full
MICHIGAN STATE UNIVERSITY	IDES240	AUTOCAD: A TASK BASED APPROACH	M	Partial (2)
MIDDLE GEORGIA COLLEGE	ENGR2503	SURVEYING LAWS	R	Full
MISSISSIPPI GULF COAST COMM. COLLEGE	BAD2713	PRINCIPLES OF REAL ESTATE	R	*
	BAD2723	REAL ESTATE LAW	R	*
*3 hours total allowed for both courses together				
MISSISSIPPI STATE UNIVERSITY	ABE2873	LAND SURVEYING	S	Full*
	ABE3513	GPS & GIS IN AGRICULTURE & ENGINEERING	M	Full**
	ABE4990	SPECIAL TOPIC IN ABE - CAPSTONE SURVEYING	S	Full
	BL4253/6253	REAL ESTATE LAW	R	Full
	BL4333	REAL ESTATE LAW	R	Full
	CE2213	SURVEYING	S	Full*
	CE3113	TRANSPORTATION ENGINEERING (formerly CE3123 Hwy. Eng.)	S	Partial (1)
	CE4233	CONTROL SURVEYS	S	Full
	CE4243	LAND SURVEYING	S/B	Full
	EG1143	GRAPHIC COMM. (formerly EG1123 Eng. Graphics)	M	Full
	FO4453/6453	REMOTE SENSING APPLICATIONS	M	Full
	F04472/6472	GIS FOR NATURAL RESOURCE MANAGEMENT	M	Full**
	GR2313	INTRODUCTION TO MAPS & REMOTE SENSING	M	Full
	GR3303	SURVEY OF GEOSPATIAL TECHNIQUES	M	Full
	GR4303/6303	PRINCIPLES OF GIS	M	Full
	GR4313/6313	ADVANCED GIS	M	Full
	GR4323-6323	CARTOGRAPHIC SCIENCES	M	Full
REF3333	PRINCIPLES OF REAL ESTATE	R	Partial (1)	
REF4433	REAL PROPERTY EVALUATION	R	Partial (1)	
WF4253/6253	APPLICATION OF SPATIAL TECHNOLOGIES TO WF MANAGEMENT	M	Full	
*These 2 courses overlap / **These 2 courses overlap				
THE UNIVERSITY OF MISSISSIPPI	FIN351	PRINCIPLES OF REAL ESTATE	R	Full
MOOREPARK UNIVERSITY	GISM01	Intro to Mapping & GIS	M	Full
MURRAY STATE UNIVERSITY	CET280	PLANE SURVEYING	S	Full
	CET370	INTERMEDIATE SURVEYING	S	Full
	CET381	ADVANCED SURVEYING	S(2), B(1)	Full

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INSTITUTION	COURSE #	COURSE DESCRIPTION	CLASSIFICATION	CREDIT	
NETTLEMAN INSTITUTE OF SURVEYING ENGINEERING TECHNOLOGY	SUR101	INTRODUCTION TO SURVEYING	S	Full	
	SUR111	PLANE SURVEYING	S	Full	
	SUR112	DIGITAL DRAFTING	M	Full	
	SUR114	PHOTOGRAMMETRY & REMOTE SENSING	M	Full	
	SUR121	SURVEY MEASUREMENTS & ADJUSTMENTS	S	Full	
	SUR213	FIELD CAMP	S	Full	
	SUR215	PUBLIC LAND SURVEY SYSTEM	S	Full	
	SUR216	INTERNSHIP	S	Full	
	SUR222	LAND SUBDIVISION DESIGN	S or M	Full*	
	SUR223	GEODESY	S or M	Full*	
	SUR224	LEGAL ASPECTS OF SURVEYING	B	Full	
	SUR225	CONSTRUCTION SURVEYING	S	Full	
	SUR227	SURVEYING ELECTIVE	S	Full	
	SUR228	BOUNDARY & CADASTRAL LAND PRACTICES	B	Full	
SUR401	CAPSTONE	S	Full		
*Credit given for S or M. Cannot be split.					
NEW JERSEY INSTITUTE OF TECHNOLOGY	SET200	INTRODUCTION TO GEOMATICS	S	Full	
	SET207	EVIDENCE & PROCEDURES FOR PROPERTY SURVEYING	RP	Full	
	SET280	MARINE SURVEYING	S	Full	
	SET301	ROUTE SURVEYING	S	Full	
	SET302	GEODETIC CONTROL SURVEYING	S	Full	
	SET303	PHOTOGRAMMETRY & AERIAL PHOTO INTERPRETATION	M	Full	
	SET401	FUNDAMENTALS OF GEODESY	S	Full	
	SET403	REMOTE SENSING PRINCIPLES FOR GEOMATICS	M	Full	
	SET407	BOUNDARY LINE ANALYSIS	B	Full	
	SET420	GEOGRAPHIC/LAND INFORMATION SYSTEMS	M	Full	
	SET440	LAND DEVELOPMENT	S	Full	
	NEW MEXICO STATE UNIVERSITY	SUR222	PLANE SURVEYING	S	Partial (3)
		SUR351	INTRODUCTION SURVEYING MEASUREMENTS ANALYSIS	S	Partial (3)
SUR328		PRINCIPLES/PRACTICE OF CONST	S	Partial (3)	
SUR292		PUBLIC LAND SURVEYS SYSTEM BOUNDARY	S/B	Partial (3)	
SUR401		ETHICS	S	Partial (3)	
SUR412		ADV TPCS IN BNDRY SURVY	S/B	Partial (3)	
SUR330		COMPUTER APPLICATIONS	S	Partial (3)	
SUR450		SENIOR PROJECT	S	Partial (1)	
SUR361		INTRO TO GEODESY	M	Partial (3)	
SUR461		INTRO TO SATELITE GEODESY	M	Partial (3)	
SUR452		LAND DEVELOPMENT DESIGN	M	Partial (3)	
SUR285		PHOTOGRAMMETRY	M	Partial (3)	
SUR312	LEGAL PRINCIPLES OF BOUNDARY SURVEY	R	Partial (3)		
NORTH LAKE COLLEGE	RELE1309	TEXAS REAL ESTATE LAW	R	Full	
OKLAHOMA STATE UNIVERSITY	SURV1133	FUNDAMENTALS OF GIS	M	Full	
	CSUR2614	SURVEYING I	S	Full	
	SURV2232	ROUTE SURVEYING	S	Full	
	SURV2233	CIVIL DRAFTING I	M	Full	
	SURV2242	RESIDENTIAL SUBDIVISION DESIGN	S	Full	
	SURV2423	PHOTOGRAMMETRY	M	Full	
	SURV2623	LEGAL PRINCIPLES OF SURVEYING I	R	Full	
	SURV2633	LEGAL PRINCIPLES OF SURVEYING II	S/B	Full	
	SURV2643	ADVANCED SURVEYING	S	Full	
	SURV2734	APPLIED SURVEY COMPUTATIONS	S	Partial (3)	
SURV27343	FUNDAMENTALS OF GPS	S	Full		
UNIVERSITY OF OKLAHOMA	SURV1133	FUNDAMENTALS OF GIS	M	Full	
PARKLAND COLLEGE	CAD116	ADVANCED MICROSTATION CAD	M	Full	
	CAD124	INTRODUCTION TO AUTOCAD	M	Full	
	CIT113	SURVEYING I	S	Full	
	CIT132	SURVEYING COMP & LAYOUT	S	Full	
	CIT211	SURVEYING II	S	Full	
	CIT234	ENGINEERING SURVEYING TECHNIQUES	S	Full	
	CIT235	CONTROL SURVEY TECHNIQUES	S	Full	
	CIT251	BOUNDARY SURVEY TECHNIQUES	S/B	Full	
	CIT252	ADVANCED SURVEY TECHNIQUES	S	Full	
	GIS119	INTRODUCTION TO GEOGRAPHIC	M	Full	
UNIVERSITY OF PUERTO RICO MAYAGUEZ	INCI4001	SURVEYING I	S	Full	
	INCI4002	SURVEYING II	S	Full	
	INCI4018	SUMMER SURVEYING CAMP	S	Full	
	INCI4051	GEODESY I	S	Partial (2)	
	INCI4059	GEODETIC ASTRONOMY	S	Full	
	INCI4071	ADJUSTMENT COMPUTATIONS I	S	Full	
	INCI4078	TOPOGRAPHIC DRAWING	M	Full	
	INCI4081	PHOTOGRAMMETRY I	M	Partial (1)	
	INCI4085	THEORY OF MAP PROJECTIONS	M	Partial (1)	
	INCI4086	INTRO TO PHYSICAL GEODESY	S	Partial (2)	
	INCI4087	SPECIAL SURVEYS	S	Partial (2)	
INCI4125	INTRO TO GEOGRAPHIC INFORMATION SYSTEMS	M	Full		
UNIVERSITY OF PITTSBURGH	CE1201	CONSTRUCTION INFORMATION SYSTEM	M	Full	
	CE1333	SENIOR DESIGN PROJECT	M	Full	
	CE1713*	HIGHWAY ENGINEERING	S	Full	
*No credit if claiming CET250 from Cimn State					

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INSTITUTION	COURSE #	COURSE DESCRIPTION	CLASSIFICATION	CREDIT	
PURDUE UNIVERSITY	CGT211	RASTER IMAGING FOR COMPUTER GRAPHICS	M	Full	
	TG105	TECHNICAL SKETCHING	M	Full	
	TG107	TECHNICAL GRAPHICS II	M	Full	
PURDUE UNIVERSITY INDIANAPOLIS	CET204	LAND SURVEY SYSTEMS	S/B	Full	
ST. CLOUD STATE UNIVERSITY	GEOG316	INTRO TO GIS	M	Full	
	GEOG335	LAND SURVEYING	S	Full	
	GEOG336	CONTROL & GEODETIC SURVEYING	S	Full	
	GEOG350	INTRO TO REMOTE SENSING	M	Full	
	GEOG406	THEMATIC CARTOGRAPHY	M	Full	
	GEOG433	CADASTRAL SURVEYING	S/B	Full	
	GEOG435	BOUNDARY LAW	RP	Full	
GEOG438	GEODESY & SURVEYING ADJUSTMENTS	S	Partial (2)		
ST. CLOUD TECH. & COMMUNITY COLLEGE	CIE1810	SURVEY I	S	Full	
	CIE1811	SURVEY II	S	Full	
	CIE1812	SURVEY III	S	Full	
	CIE1845	CIVIL CAD II	M	Full	
	CIE1935	CONTROL/DIGITAL SURVEYS	S	Full	
	CIE2811	SURVEY PRINCIPLES II	S/B	Full	
	GEOG490	BOUNDARY CONTROL & SURVEY LAW	S/B	Full	
SOUTHERN ILLINOIS UNIV. (CARBONDALE)	CE263	BASIC SURVEYING	S	Full	
	CE361	CIVIL ENGINEERING SURVEYING	S	Full	
	CE362	LAND SURVEYING	S	Full	
	CE363	CONTROL/CONSTRUCTION SURVEYING	S	Full	
	CE406A/B	INTRODUCTION TO REMOTE SENSING/LAB	M	Full	
	CE461	LEGAL ASPECTS OF SURVEYING	S/B	Full	
	CE462	SURVEY DESIGN AND LAND DEVELOPMENT	S	Full	
	CE463	FIELD SURVEY PROBLEMS	S	Full	
	CE464	FIELD SURVEY PLANNING AND COMPUTATION	S	Full	
	CE465	PHOTOGRAMMETRY	M	Full	
	FIN320	REAL ESTATE	R	Partial (1)	
	FIN322	REAL ESTATE APPRAISAL	R	Full	
	FIN323	REAL ESTATE LAW	R	Partial (1)	
	GEOG416	ANALYTICAL CARTOGRAPHY	M	Full	
	GEOG420	ADVANCED GEOGRAPHIC INFORMATION SYSTEMS	M	Full	
SOUTHERN POLYTECHNIC STATE (Georgia)	ENGR2160	CIVIL GRAPHICS & COMPUTER AIDED DRAFTING	M	Full	
	SURV2221	SURVEYING I	S	Full	
	SURV3222	SURVEYING II	S	Full	
	SURV3421	GEOGRAPHIC INFORMATION	M	Full	
	SURV3903/4903	DENDROLOGY	M	Full	
	SURV4410	SURVEYING COMPUTATIONS & ADJUSTMENTS	S	Full	
	SURV4415	GEODETIC SURVEYING	S	2 hours each	
	SURV4465	LEGAL ASPECTS	S & RP	Partial (2)	
	SURV4470	LAND DEVELOPMENT DESIGN	M	Partial (1)	
	SURV4475	LAND SURVEY PRACTICE	S/B	Full	
	SURV4903	ADVANCED GPS METHODS	S	Full	
	STEPHEN F. AUSTIN UNIVERSITY	BLAW366.020	REAL ESTATE LAW	R	Full
		FOR223	SURVEYING & MAPPING	S	Partial (1)
FOR323		FIELD STATION LAND MEASUREMENTS	S	Full	
GIS224		INTRODUCTION TO SPATIAL SCIENCE	M	Full	
HRT/AGM325		DESIGN APPLICATION SOFTWARE I (CAD)	M	Full	
TALLAHASSEE COMMUNITY COLLEGE	EGS111C	ENGINEERING GRAPHICS	M	Full	
	EGS211C	COMPUTER APPLICATION IN DRAFTING AND DESIGN	M	Full	
	ETD1320	INTRODUCTION TO CAD	M	Full	
	ETD2340	ADVANCED CAD	M	Full	
	SUR2100	FUNDAMENTALS OF SURVEYING	S	Full	
	SUR2200	ROUTE SURVEYING	S	Full	
EAST TENNESSEE STATE UNIVERSITY	FNCE3130	REAL ESTATE LAW	R	Full	
	SURV1550	INTRODUCTION TO SURVEYING	S	Full	
	SURV2520	INTRODUCTION TO SURVEYING LAW	R	Full	
	SURV2550	ENGINEERING AND CONSTRUCTION SURVEYS	S	Full	
	SURV3510	ENGINEERING AND CONSTRUCTION SURVEYS	S	Full	
	SURV3530	SURVEYING MEASUREMENTS & COMPUTATIONAL ANAL	S	Full	
	SURV4537	LAND BOUNDARY LOCATION	S/B	Full	
	SURV4547	LAND SUBDIVISION AND PLATTING	S	Full	

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INSTITUTION	COURSE #	COURSE DESCRIPTION	CLASSIFICATION	CREDIT	
TEXAS A&M UNIVERSITY Corpus Christi	CVEN250	INTRO TO GRAPHICS & VISUAL APP IN CIVIL ENG DESIGN	M	Partial (1)	
	CVEN303	CIVIL ENGINEERING MEASUREMENT	S	Full	
	CVEN307	TRANSPORTATION ENGINEERING	S	Full	
	CVEN403	APPLIED CIVIL ENGINEERING SURVEYING	S	Full	
	CVEN423	GEOMATICS FOR CIVIL ENGINEERING	M	Full	
	CVEN450	AUTOCAD IN CIVIL ENGINEERING	M	Full	
	ESSM351	GEOGRAPHIC INFO SYSTEMS FOR RESOURCE MGMT	M	Full	
	GEOG450	FIELD GEOGRAPHY	S	Full	
	GIS1336.001/W01	DIGITAL DRAFTING AND DESIGN & LAB	M	Full	
	GIS1371	GLOBAL LAND OWNERSHIP	R	Full	
	GIS1470	GIS 1	M	Full	
	GIS2350	FIELD CAMP 1	S	Full	
	GIS2470	GEOSPATIAL PLANE I MEASUREMENT I	S	Partial (1)	
	GIS3301	GIS 2	M	Full	
	GIS3325	GEODETTIC SCIENCE	M	Full	
	GIS3412	PLANE MEASUREMENT 2	S	Full	
	GIS4302	PHOTOGRAMMETRY	M	Partial (1)	
	GIS4305	LEGAL ASPECTS	M	Full	
	GIS4320	HYDROGRAPHY	S	Full	
	GIS4326	GEOMATICS PROFESSIONAL PRACTICE	B	Full	
	GIS4350	FIELD CAMP 2	S	Full	
	GIS4371	TEXAS LAND OWNERSHIP	R	Full	
	GIS4410	CADASTRAL MAPPING	R	Full	
	GIS5384	CADASTRAL INFORMATION SYSTEMS DESIGN	M	Full	
	GSEN5300	FOUNDATIONS OF GIS	M	Full	
	GSEN5381	CADASTRAL INFORMATION SYSTEMS DESIGN	M	Full	
	GSEN5381	GENERALIZATION OF TOPOGRAPHIC MAPS	M	Partial (2)	
	GSEN5383 001/W01	ADVANCED SPATIAL ANALYSIS & DESIGN	M	Full	
	GSEN5384	GENERALIZATION OF TOPOGRAPHIC MAPS	M	Full	
	GSEN5384.001	GEOSPATIAL VISUALIZATION DESIGN	M	Full	
	GSEN5385	ANALYTICAL & DIGITAL PHOTOGRAMMETRIC ENGINEERING	M	Full	
	GSEN5390	ETHICS & PROFESSIONAL RESPONSIBILITY FOR GEOSPATIAL PROF.	S	Full	
	GSEN5390 W02	GEOSPATIAL ANALYTICAL METHODS	M	Full	
	GSEN5396	CFEDS INDEPENDENT STUDY	B	Full	
	GSEN5998	GRADUATE THESIS	S	Full	
	GSEN6384	GEOSPATIAL VISUALIZATION DESIGN	M	Full	
	UNIVERSITY OF TEXAS TYLER	TECH1303	ENGINEERING GRAPHICS	M	Partial (1)
		TECH3341	TOPICS IN INDUSTRIAL STUDIES PUBLIC DOMAIN OF TEXAS	R	Full
		TECH3342	APPLICATIONS OF PHOTOGRAMMETRY	M	Full
		TECH4341	LEGAL PRINCIPLES IN SURVEYING & MAPPING	S/B	Full
TECH4342		INTRODUCTION TO GEODESY	M	Full	
TROY STATE UNIVERSITY	GEM2209	LAND PARCEL ADMINISTRATION & LAW	R	Full	
	GEML209	LAND PARCEL ADMINISTRATION & LAW LAB	R	Full	
	GEM2220	BASICS OF CARTOGRAPHY & SURVEYING	M	Full	
	GEM3309	LAND PARCEL ADMINISTRATION & LAW	R	Full	
	GEM3310	LAND SURVEY PRACTICE	S	Full	
	GEM3330	ADVANCED MEASUREMENT ANALYSIS	S	Full	
	GEM3366	PHOTOGRAMMETRY & REMOTE SENSING SYLLABUS	M	Full	
	GEML366	PHOTOGRAMMETRY AND REMOTE SENSING LAB	M	Full	
	GEM3370	GEODESY & GEODETICS	M	Full	
	GEML370	GEODESY AND GEODETICS LAB	M	Full	
	GEM3379	INTRODUCTION TO LEAST SQUARES ADJUSTMENT	S	Full	
	GEM3390	INTRODUCTION TO GIS	M	Full	
	GEML390	GEOGRAPHIC INFORMATION SYSTEMS LAB	M	Full	
	GEM3391	APPLICATION OF GIS	M	Full	
	GEML391	APPLICATION OF GIS LAB	M	Full	
	GEM4405	ROUTE & CONSTRUCTION SURVEYING	S	Full	
	GEM4406	URBAN GEOGRAPHY	S	Full	
	GEML406	URBAN GEOGRAPHY LAB	S	Full	
	GEM4407	LAND DEVELOPMENT & SUBDIVISION DESIGN PRACTICE	R	Full	
	GEM4409	HYDROLOGY	S	Full	
	GEML409	HYDROLOGY LAB	S	Full	
	GEML310	LAND SURVEYING LAB	S	Full	

LAPELS APPROVED COURSE LIST

Updated March 2024

INSTITUTION	COURSE #	COURSE DESCRIPTION	CLASSIFICATION	CREDIT
TYLER JUNIOR COLLEGE	CADD2334	COMPUTER-AIDED DRAFTING	M	Partial (2)
	SRVY1301	INTRODUCTION TO SURVEYING	S	Partial (2)
	SRVY1309	SURVEYING MEASUREMENT PRACTICE	S	Full
	SRVY1311	INTRODUCTION TO SURVEYING	S	Partial (2)
	SRVY1341	LAND SURVEYING	S	Partial (1)
	SRVY1345	LAND SURVEYING APPLICATIONS	S	Partial (1)
	SRVY1391	SPECIAL TOPICS IN SURVEYING - TITLE EXAMINATION & DEED PLOTTING	R	Partial (2)
	SRVY2386	INTERNSHIP - SURVEYING	S	Partial (2)
	SRVY2305	GEOGRAPHIC INFORMATION SYSTEMS APPLICATIONS	M	Partial (2)
	SRVY2309	COMPUTER-AIDED MAPPING	M	Full
	SRVY2314	ROUTE SURVEYING	S	Full
	SRVY2324	ROUTE SURVEYING PRACTICE	S	Full*
	SRVY2331	GEODETTIC SURVEYING AND MAPPING	S	Full*
	SRVY2335	GEODETTIC SURVEYING AND MAPPING APPLICATIONS	S	Full**
	SRVY2339	ENGINEERING DESIGN SURVEYING	S	Full**
	SRVY2341	ENGINEERING DESIGN SURVEYING LAB	S	Full
	SRVY2343	LEGAL PRINCIPLES I	S/R	Full
SRVY2344	LEGAL PRINCIPLES II	S/B/R	Full	
*These 2 courses overlap / **These 2 courses overlap				
UNITY ENVIRONMENTAL UNIVERSITY	GISC101	INTRODUCTION TO GEOGRAPHIC INFORMATION SYSTEMS	M	Full
	GISC201	GIS FOR A CHANGING WORLD	M	Full
	GISC301	INTEGRATED SPATIAL ANALYSIS AND GIS APPLICATION	M	Full
	GISC303	CONSERVATION CARTOGRAPHY AND VISUALIZATION	M	Full
	GISC305	ENVIRONMENTAL IMPACT USING REMOTE SENSING	M	Full
	GISC307	FIELD DATA COLLECTION FOR GIS	M	Full
	GISC401	ADVANCED GIS ANALYSIS FOR ENVIRONMENTAL SOLUTIONS	M	Full
DEFENSE GEOSPATIAL-INTELLIGENCE SCHOOL	491-403(21U10)	GEOSPATIAL ENGINEER MAP AND TERRAIN ANALYSIS	M	Full*
	491-403(21U10)	GEOSPATIAL ENGINEER GEOGRAPHIC INFO SYSTEMS	M	Full*
	491-403(21U10)	GEOSPATIAL ENGINEER REMOTE SENSING COURSE	S	Full
* Total credit of 9 hours.				
WAKE TECHNICAL COMMUNITY COLLEGE	CIV125	CIVIL/SURVEYING CAD	M	Full*
	CEG111	INTRO TO GIS AND GNSS	M	Full*
	GIS111	INTRO TO GIS	M	Full
	GIS121	GEOREFERENCING AND MAPPING	M	Full
	GIS246	PRINCIPLES OF PROPERTY MAPPING	M	Partial (3)
	SRV210	SURVEYING III	S/B	Partial (3)
SRV220	SURVEYING LAW	S/B	Full	
*3 hrs given for only one or the other but 4 hrs given if both are taken.				
UNIVERSITY OF WISCONSIN - MILWAUKEE	BUSADM484	REAL ESTATE LAW	R	Full

LAPELS APPROVED COURSE LIST

INSTITUTION	COURSE #	COURSE DESCRIPTION	CLASSIFICATION	CREDIT
UNIVERSITY OF WYOMING	CE2050 / LS2110	REAL PROPERTY LAW	R	Full*
	CE2070	ENGINEERING SURVEYING	S	Full*
	CE2072 / LS2010	ENGINEERING SURVEYING	S	Full
	CE2074 / LS3300	ETHICS FOR THE PROF. SURVEYOR	S	Full
	CE2076 / LS2100	RECORD RESEARCH FOR SURVEYORS	S	Full
	CE2080	PUBLIC LAND SURVEYS I	S	Full
	CE2082	PUBLIC LAND SURVEYS II	S	Full
	CE2083 / LS2410	GIS FOR SURVEYORS	M	Full
	CE2084	PUBLIC LAND SURVEYS III	S	Full
	CE2085 / LS3130	PUBLIC LAND SURVEYS	S/R	Full**
	CE2086	ADVANCED PUBLIC LAND SURVEYS	S	Partial (2)
	CE2088 / LS3100	REAL PROPERTY DESCRIPTIONS	S or R	Full
	CE2089 / LS2400	BASIC GEODESY FOR TODAY'S LAND SURVEYOR	M	Full
	CE2090 / LS2020	GPS FOR LAND SURVEYORS	S	Full
	CE3710 / LS3200	ROUTE SURVEYING	S	Full
	CE3720 / LS3210	ADVANCED SURVEYING	S	Full
	CE3740 / LS3120	BOUNDARY PRINCIPLES	S/B or R	Full
	CE3750 / LS3110	BOUNDARY EVIDENCE	S/B	Full
	CE3760 / LS3230	APPLIED LEAST SQUARES ADJUSTMENTS	M	Full
	CE4700 / LS4110	COASTAL WATER BOUNDARIES	S/B	Full
	CE4730 / LS4120	INLAND WATER BOUNDARIES	S	Full
	CE4740 / LS4130	ADVANCED PUBLIC LAND SURVEYS	S/B	Full
	CE4750 / LS3400	REMOTE SENSING & PHOTOGRAMMETRY	M	Full
	CE4920	LAND SUBDIVISION AND PLATTING	B	Full
	CE4920	APPLIED HYDROGRAPHIC SURVEYING	S	Full
	CE4920	GPS THEORY AND INSTRUMENTATION	S	Full
	LS2499	SOPH. LAND SURVEYING TOPICS	M	Full
	MGT3340	REAL ESTATE LAW	R	Full
	-	MINOR IN LAND SURVEYING - 31 hours	All	Full
	-	CADASTRAL SURVEYING CERTIFICATE - 30 hours	All	

*These 2 courses overlap.

**Allowed to use 1 hour for Real Property.

CLASSIFICATIONS:
 S = Surveying
 S/B = Surveying/Boundary
 M = Mapping
 R = Real Property
 B = Boundary
 S/B/R = Surveying/Boundary/Real Property
 S/M = Surveying/Mapping

NOTES:
 All pre-approvals are based on the course content as described by the syllabi that were provided to us. Any changes in the content or format of a previously approved course may result in our disapproving the course for credit toward the required 30 semester credit hours of surveying, mapping and real property courses. LAPELS does not allow credit for courses which are duplicative of, or have content which overlaps that of other courses that have been submitted for approval.