

2008 College and University Program Survey

STATE	ARIZONA	ARKANSAS	CALIFORNIA	CALIFORNIA	CALIFORNIA	CALIFORNIA	COLORADO	FLORIDA
College/University	Phoenix College	University of Arkansas-Monticello	Evergreen Valley College	California State Polytechnic University-Pomona	Santa Rosa Junior College	Santiago Canyon College	Westwood College - Denver North Campus	Chipola College
Website	www.pc.maricopa.edu/	www.afrc.uamont.edu/sis	www.evc.edu	www.csupomona.edu	www.santarosa.edu	www.sccollege.edu	www.westwood.edu	brunersam@chipola.edu
Program contact	John J. Rose, RLS	Dr. Robert Weih	John Yu, PhD, PE	Dr. Howard Turner	Jerry Miller	Career Education Division Office	Lynn Patten	Sam Bruner, PLS
Contact's Title	Adjunct Faculty/Program Coordinator	Director, Spatial Information Systems	Coordinator	Professor	Program Coordinator		Lead Instructor of Surveying	Instructor
Contact's Phone	602/506-4679	870/460-1248	408/274-7900x6570	909/869-2645	707/527-4376	714/628-4883	720/542-5844	850/718-2399
Year program instituted	2004	2000	1975	1984	1965	1985	Origin: Brinker School of Surveying	2007
Two- or four-year program	Two-year	Both	Two-year	Four-year	Two-year	Two-year	Two-year (7 terms = 17 months)	One and one-half year
Accreditation	Higher Learning Commission (HLC) [1]	Planned ABET		ABET EAC	No	WASC	ACCSC	SACS
Surveying degrees offered	AAS Surveying Technology; Certificate ST	AS, BS, MS	Certificate/(AS, AA to be offered in fall)	BS in Civil Engineering	Certificate/AS	Certificate/AS	AAS Surveying and Mapping	Surveying and Mapping Technology
-Surveying credits required/Total credits required	68/39	54/124	28/28, 28/61, 28/67	52/196 quarter units	29/45 for Cert.; 29/68 for AS	Cert. 17 or 26; Degree 60	66/102 (term basis)	1350 clock hours
Percentage of students with transfer credit	15%	1	100%	20%	Not tracked	100%		N/A
-Is transfer of credits easily accomplished?	Yes	Yes	No	Yes	Yes	Few credits only		Yes
-Do you have a credit exchange program with two-year colleges?	No	Yes	No	Yes	N/A	No		N/A
Are scholarships available to surveying students?	Yes	Yes	Yes	Yes	Yes, general and discipline specific	Yes	ACSM, PLSC, CCPS, etc.	Yes
-Number of scholarships available (Partial/Full)	7/3	8	4	20	40 discipline specific, 100+	Varies/none	All partial/no full	Partial & Full
-Number of students currently on scholarship (Partial/Full)	5/2	4	4	20	80%	5/0		1/3
Total number of surveying students (Full-time/Part-time)	5/70	40	57	80	56/40	0/200	25 full-time	1/4
Number of graduates in 2007	2	9	10	8	20	30	15	N/A
Number of graduates in 2006	6	9	8	6	26	25	8	N/A
Number of graduates in 2005	0	10	9	5	22	20	16	N/A
Number of program graduates since program inception	10	33	300	163	700+	Unknown	10-20 per year	N/A
Number of current surveying faculty (Full-time/Part-time)	0/8	4		3	1/10	0/6	2/2	1
Cost of tuition and fees per credit hour: (\$)								
-In-state	\$65	\$145	\$18	\$83	\$20/unit	\$20		\$1.88 per clock hour
-Out-of-state	\$90	\$279	\$200	\$333	\$177/unit	\$164		\$1.88/h + \$1.00/h for AL & GA
-Special (regional program)	N/A	N/A		None	Fee Waiver Programs/Doyle Scholarships	None		
Are co-op/internship programs available?	Yes	Yes	Yes	No	Yes	No	No	Yes
Are evening/weekend classes available?	Yes	General Education only	Yes	No	Yes	Yes	General ed. only	No
Are distance learning opportunities available?	No	None	No	No	No	No	No	No
Are online courses available?	No	General Education only	No, but will be	No	No	No	General ed. only	No
Are other off-site courses available?	No	No	No	No	No	No	No	No
Program area(s) of specialization		Surveying	Surveying and Geomatics	Geospatial Engineering	Surveying/Civil Eng. Tech./GIS/Engr. Transf.	LSIT/LS exam prep	None	[1]
Do you offer other land information disciplines?:						Classes only	No	No
-GIS	Yes	Yes	Yes, part of the program	Yes	Certificate		No	No
-Photogrammetry	Yes	Yes	Yes, part of the program	Yes	Classes		No	No
-Remote Sensing	No	Yes	Yes, 3D laser scanning	Yes	Classes		No	No
-Other	PLSS	Forestry, Wildlife		Yes	Natural Resource Mgmt. Prog.		None	

Numbers in brackets refer to notes on final page

2008 College and University Program Survey

STATE	FLORIDA	FLORIDA	IDAHO	ILLINOIS	ILLINOIS	ILLINOIS	INDIANA	KENTUCKY
College/University	Florida Atlantic University	University of Florida	Idaho State University	Morrison Institute of Technology	Parkland College	Southern Illinois University-Carbondale	Purdue University	Murray State University
Website	www.ge.fau.edu	www.geomatics.ifas.ufl.edu	www.isu.edu/ctech	www.morrisontech.edu	www.parkland.edu/est/surv/index.htm	SIUC Surveying	www.ecn.purdue.edu/Geomatics/	www.murraystate.edu/iet
Program contact	Ashley Morgan	Dr. Bon Dewitt	Rajendra Bajracharya	Laverne "Butch" VanderSchaaf	Todd W. Horton, PE, PLS	Roy Frank, IPLS	Steven D. Johnson	Andy Kellie
Contact's Title	Coordinator, Academic Support Services	Program Director	Associate Professor & Coordinator	Surveying Instructor	Program Dir., Construction Design & Mgmt	Assistant Professor	Assoc. Prof. and CE Asst. Head for UG Prog.	Professor, PLS
Contact's Phone	772/873-3447	352/392-9492	208/282 5705	815/772-7218x233	217/373-3785	618/453-7830	765/494-0786	270/809-6982
Year program instituted	2007	1973	2001	1976	2001	1994	1973	1975
Two- or four-year program	Four-year	Four	4	Two-year	Two-year program	Four-year	Four-year	Four
Accreditation		ABET-ASAC	ABET-IAC	ABET	North Central Association	CEE ABET	ABET [see 1]	TAC/ABET (Civil Eng. Tech)
Surveying degrees offered	BS Geomatics Engineering (BSGE)	BS, MS, PhD		AAS Engineering Technology	Associate in Applied Science	BS CEE; BS TRM	Land Surveying and Geomatics Engineering	Civil Eng. Tech (3 options)
-Surveying credits required/Total credits required	61/120	42/120	132	8 Sem. Hrs.	23/63	24/128	41/136	6/122
Percentage of students with transfer credit	50%	75%	16%	5-10%	20%	60%	Unknown	20%
-Is transfer of credits easily accomplished?	Yes	Yes	Yes/No	Yes	Yes	Yes	Yes	Yes
-Do you have a credit exchange program with two-year colleges?	Yes	Yes (Florida colleges)	Working on it	With 4-yr. colleges	Yes	Yes	Yes	Yes
Are scholarships available to surveying students?	Yes	Yes	Yes	Not Specific to surveying	Yes	Yes	Yes	Yes, via Civil Eng Tech program
-Number of scholarships available (Partial/Full)		Approx. 20/4	1/3		6 partial	(5) \$1000/(2) \$1500	4/0	6
-Number of students currently on scholarship (Partial/Full)		10/6	1/3		1	1/7	4/0	1/10
Total number of surveying students (Full-time/Part-time)		75	2/17	12	14/0	70/40	36/2	1/12
Number of graduates in 2007	N/A	10	4	6	3	28	15	16
Number of graduates in 2006	N/A	21	3	7	2	24	13	15
Number of graduates in 2005	N/A	19	3	6	5	61	10	18
Number of program graduates since program inception	N/A	380	18	240	14	350+	395	75
Number of current surveying faculty (Full-time/Part-time)		6/1	2/2	1	1/2	1/0	4/2	2
Cost of tuition and fees per credit hour: (\$)								
-In-state	\$116.02	\$112	\$2,300	\$545	\$219	\$192	PT \$265/credit; FT \$4,022/semester	\$225
-Out-of-state	\$547.69	\$572	\$6,452	\$545	\$338	\$480	PT \$738/credit; FT \$11,426/semester	\$613
-Special (regional program)		N/A	Yes		\$82 district resident	\$190	None	
Are co-op/internship programs available?	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes
Are evening/weekend classes available?	Yes	Yes	Evening	No	50% core classes offered night/weekend	Yes	Occasionally	No
Are distance learning opportunities available?	Yes	Yes	4 courses two-way audio/video	No	No	No	Occasionally	No
Are online courses available?	Yes	Yes	No	No	Gen Ed classes online	No	Yes	No
Are other off-site courses available?		Yes	Two-way audio/video to ISU centers	No	No	Yes-Weekend, Joliet, IL	No	No
Program area(s) of specialization		N/A (general curriculum)	Boundary survey		None	All aspects of Land Surveying	Land Surveying, Land Development, Geomatics	N/A
Do you offer other land information disciplines?:				No				
-GIS	Yes	Yes	GeoSciences: certificate, MS		Yes	Geography Department	Yes	Yes
-Photogrammetry		Yes	One course		No	Yes	Yes	No
-Remote Sensing		Yes	One course from geoscience		No	Forestry Department	Yes	Yes
-Other		Geodesy, Cadastral Systems			No	Land Development		N/A

Numbers in brackets refer to notes on final page

2008 College and University Program Survey

STATE	LOUISIANA	MAINE	MASSACHUSETTS	MICHIGAN	MINNESOTA	MINNESOTA	MISSISSIPPI	MONTANA
College/University	Nicholls State University	University of Maine	Clark University	Ferris State University	Saint Paul College	St. Cloud State University	Mississippi State University	Flathead Valley Community College
Website	www.nicholls.edu/does/	www.umaine.edu/set/svt	www.clarku.edu/idce	www.ferris.edu/surveying/	www.saintpaul.edu	www.stcloudstate.edu/geog/	www.abe.msstate.edu/	www.fvcc.edu/academics/surveying/surveying
Program contact	Terry Dantin, PhD, PLS	Raymond J. Hintz	Robert Gilmore Pontius	Sayed Hashimi	Tom Arneson	Kenneth Wong	Dr. David Smith , PE	David L. Dorsett, PLS
Contact's Title	Head Applied Sciences	Professor, Program Coordinator	GISDE Professor/Program Coordinator	Department Chair	Geomatics Instructor	Professor	Professor	Department Head
Contact's Phone	985/448-4725	207/581-2189	508/793-7761	231/591-2632	651/846-1368	320/304-3014	662/325-7351	406/756-3913
Year program instituted	Fall 2003	2002	1996	1972 BS, 1957 AAS	2000	1995	1997	1968
Two- or four-year program	Four-year program	Four-year	12 months to two-year program	Both	Two-year	Four-year	4	Two-year
Accreditation	To begin ABET process Spring 09	ABET/TAC	Yes	EAC/ABET BS only	N/A	ABET - Applied Sciences	No	Mt Board of PE & LS
Surveying degrees offered	Bachelor of Science	BS Surveying Engr. Technology	MA GIS for Development and Environment	AAS/BS	AA Geomatics and Mapping Science	B S in Land Surveying	BS	AAS
-Surveying credits required/Total credits required	45/121	126	12	77/133 BS	30/60	120	124	48 sem/68 sem
Percentage of students with transfer credit	25%	40%	N/A	Approx. 80-85%	25%	100%	75%	20%
-Is transfer of credits easily accomplished?	Yes	Yes	With IDCE Director approval	Yes	Yes	From two-year institutions	Yes	Yes
-Do you have a credit exchange program with two-year colleges?	Yes	Yes	No	2-yr college transfers accepted		Yes	Yes	N/A
Are scholarships available to surveying students?	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
-Number of scholarships available (Partial/Full)	0/10	12 partial	[1]	17	Varies	4	12	20+/0
-Number of students currently on scholarship (Partial/Full)	0/4	12 partial	80%	17	Unknown	15 full	Approx. 33	15/0
Total number of surveying students (Full-time/Part-time)	43 (34/9)	55/5	1/17	120	24/4	100+	2/13	25/5
Number of graduates in 2007	4 (first grads from program)	10	12	19	20	8	9	5
Number of graduates in 2006	N/A	8	8	21	12	15	5	12
Number of graduates in 2005	N/A	6	20	17	12	7	9	5
Number of program graduates since program inception	4	26	130	836	70	80+	57	272
Number of current surveying faculty (Full-time/Part-time)	3 full time	2/2	5/5 adjunct	5/1 adjunct	Jan-00	2	3	2/2
Cost of tuition and fees per credit hour: (\$)			\$4,075/unit		135			
-In-state	12-19/cr \$1,777.25	\$377		\$282/credit, \$8,460/year		\$198	\$2,298/semester with 12-18 hours	\$130
-Out-of-state	12-19/cr \$4,501.25	\$784		\$15,900/year		\$380	Same cost if from a common market area	\$290
-Special (regional program)	Mapping Certificate (Graduate)	New England 1.5* in-state tuition				Regional North Central US		\$90 (in county)
Are co-op/internship programs available?	Yes (required)	Yes	Yes	No	Yes	Yes	Yes	No
Are evening/weekend classes available?	Not currently	No	No	Some	No	Yes	Evening - yes; weekend - No	No
Are distance learning opportunities available?	Developing	Some	No	No	No	Yes, surveying courses only	For some courses	No
Are online courses available?	Developing	Some	No	GIS Certificate program	No	Yes		No
Are other off-site courses available?	Developing	No	No	No	No	Interactive TV and WEB	At many 2- and 4- year institutions	No
Program area(s) of specialization	Geomatics (Surveying & Mapping)	Land surveying	[2]	Broad based - see below	Land surveying technician	Surveying and GIS	Land surveying, precision agriculture plus others	[1]
Do you offer other land information disciplines?:								
-GIS	Yes	Yes	Yes	Yes, 6 semester hours	No	Yes	Selected as one or more elective	Yes
-Photogrammetry	Yes	Yes	No	Yes, 6 semester hours	No	Yes	Selected as one or more elective	Yes
-Remote Sensing	Yes		Yes	Yes, 3 semester hours	No	Yes	Selected as one or more elective	Yes
-Other	Geodesy/Construction/Highway	Small business, construction management		Civil Engineering 19 semester hours	No		Capstone surveying course for Seniors	N/A

Numbers in brackets refer to notes on final page

2008 College and University Program Survey

STATE	NEVADA	NEW BRUNSWICK, CANADA	NEW JERSEY	NEW YORK	NEW YORK	NEW YORK	NORTH CAROLINA	NORTH CAROLINA
College/University	Great Basin College	University of New Brunswick	New Jersey Institute of Technology	Alfred State College	Mohawk Valley Community College	SUNY ESF Ranger School	Asheville Buncombe Tech Comm College	Southwestern Community College
Website	www.gbcnv.edu/bas/	gge.unb.ca	web.njit.edu/surveying/	www.alfredstate.edu	www.mvcc.edu	rangerschool.esf.edu	www.abtech.edu	www.southwesterncc.edu/acadprog/srv.htm
Program contact	Jim Elithorp	Dr. James M. Secord	Dr. Joshua Greenfield	Uli Besemann L.S.	Frank E. Przybycien, PE	Christopher Westbrook	Wesley W. Miley, PLS	Peter Messier, PLS, PE
Contact's Title	Program Supervisor	Director of Undergraduate Studies	Professor	Program Coordinator	Department Head	Director	Instructor	Program Coordinator
Contact's Phone	775/753-2240	(506) 453 5150	973/596-5808	716/587-4625	315/792-5491	315/848-2566	828/254-1921x370	800/447-4091x402
Year program instituted	2004	1960	1989	1952	1972	2005	1980	Fall 2003
Two- or four-year program	Online Four-Year Degree	Four	Four	Both	Two-year	Two-year	Two-year	Two-year
Accreditation	Regional	COPE, CCLS, RICS	ABET/TAC	TAC ABET	ABET & Middle States		SACS	None: in process
Surveying degrees offered	Bachelor of Applied Science	BScE in Geomatics Engineering		BS	AAS	AAS Surveying Technology	AAS Surveying Technology	AA Applied Science in Surveying Technology
-Surveying credits required/Total credits required	39/122.5 Semester Credits	160 ch	128	136	24/71	22/78	32/70	44/71
Percentage of students with transfer credit	97%	85%	90%	20%	30	100	Not available	50%
-Is transfer of credits easily accomplished?	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
-Do you have a credit exchange program with two-year colleges?	Yes	Yes	Yes	Yes	Yes		Yes	Yes
Are scholarships available to surveying students?	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
-Number of scholarships available (Partial/Full)	Variable	8/0	Varies w/ number of applications	10	5-10 partial, No full	Various	80	4 partial
-Number of students currently on scholarship (Partial/Full)	2/1	8/0	18	1/10	Four	Various	3/15	9 partial
Total number of surveying students (Full-time/Part-time)	5/30	115	90	1/10	15/5	1/15	20/16	2/31
Number of graduates in 2007	0	30	17	15	2	6	10	6
Number of graduates in 2006	0	21	9	14	2	14	3	7
Number of graduates in 2005	Faculty Hired/Curriculum Set	21	10	10	2	7	5	N/A
Number of program graduates since program inception	0	828	118	125	81	63	13	13
Number of current surveying faculty (Full-time/Part-time)	2/1	9/2	2/5	2/1	5/0	2/1	2/2	2/1
Cost of tuition and fees per credit hour: (\$)				\$21				
-In-state	\$59 Lower/\$90 Upper Division	Cdn\$ 183	\$552	\$2,175/Semester	\$3,100/year	\$4,350/year	\$39.50	\$42
-Out-of-state	\$87 Lower/\$134 Upper Division		\$970	\$3,605/Semester	\$6,200/year	\$10,300/year	\$219.50	\$233
-Special (regional program)	\$87 Lower/\$134 Upper Division						N/A	N/A
Are co-op/internship programs available?	Yes	Yes	No	Yes	Yes	No	Yes	Yes
Are evening/weekend classes available?	Yes	Occasionally	Yes	No	Yes	No	Yes	Yes, our major emphasis
Are distance learning opportunities available?	Online Degree Program	Occasionally	No	No	Some	No	Yes	Yes [1]
Are online courses available?	Online Degree Program	Occasionally	No	No	Some	No	Yes	Yes [2]
Are other off-site courses available?	Yes		Yes	Yes	No	No	No	No
Program area(s) of specialization	Land Surveying/Geomatics	Cadastral Surveying Option	Surveying		Surveying, Civil Engineering, GIS		Land Surveying	Land Surveying
Do you offer other land information disciplines?:					[1]		Yes	
-GIS	Yes	Yes	Yes	Yes	Yes		Certificate	No
-Photogrammetry	Yes	Yes	Yes	Yes	Yes			No
-Remote Sensing	Yes	Yes	No	Yes	Yes			No
-Other		Land Surveying [1]			[2]	Forestry		No

Numbers in brackets refer to notes on final page

2008 College and University Program Survey

STATE	OHIO	OHIO	OHIO	CANADA, ONTARIO	OREGON	OREGON	PENNSYLVANIA	SOUTH CAROLINA
College/University	Cincinnati State Technical & Community College	Sinclair Community College	The University of Akron	Sir Sandford Fleming College	Oregon Institute of Technology	Oregon State University, Civil Engr.	Pennsylvania State University	Greenville Technical College
Website	www.cincinnati.state.edu	www.sinclair.edu	www.uakron.edu	www.flemingc.on.ca	www.oit.edu	www.cce.oregonstate.edu	www.wb.psu.edu/surveying	www.gvitec.edu
Program contact	James Decker, P.S.	Al Wahle	Prof. Thomas (Mike) Besch	Lawrie Keillor-Faulkner	Jack A. Walker, PLS	Robert J. Schultz	Wesley Park	Sid Shrum, PE, PLS
Contact's Title	Instructor	Chair, Civil Engineering Technology	Program Director	Coordinator	Geomatics Department Chair	Prof. Civil Engr.	Associate Professor of Engineering	Dept Head - Geomatics Technology
Contact's Phone	513/569-1757	937/512-2183	330/972-7059	705/324-9144 x 3237	541/885-1511	541/737-4579	570/675-9213	864/250-8555
Year program instituted	1968	1965	1996 (AAS), 1998 (BS)		1947	CE 1907 Surveying part of CE	1956, 1994	1999
Two- or four-year program	Two-year	Two-year	Both	Two-year	Four-year	Four-year	Two-year, Four-year	Two-year
Accreditation	TAC/ABET	TAC/ABET	ABET/TAC	Ontario College Diploma	ASAC-ABET	CE program ABET/EAC	TAC, EAC	Yes - TAC of ABET
Surveying degrees offered	AAS	AAS Civil Eng. Technology, 1-Yr. Surveying Cert.	AAS & BS		BS Surveying, BS GIS	None (Civil Engr. Degree)	Surveying Technology/Surveying Engineering	2yr Assoc Degree + 2 Certificates
-Surveying credits required/Total credits required	46/120	104 CH 2 year AAS	35/68 (AAS), 66/136 (BS)	2-3 courses	57/181 quarter credits	4 in CE plus approx 20/180	30, 57	76
Percentage of students with transfer credit	40%	100%	44	5%	40%	Approx. 30%	Approx. 40	10%
-Is transfer of credits easily accomplished?	Yes	Yes	Yes	Medium	Yes	Yes	Usually	Yes
-Do you have a credit exchange program with two-year colleges?	Yes	Yes	Yes	N/A	Yes	Yes, in Oregon	No	Yes
Are scholarships available to surveying students?	Yes	Yes	Yes	Yes	Yes	Yes, as CE students + PLSO	Yes	Yes
-Number of scholarships available (Partial/Full)	8/2	Unknown	6 Partial	Partial, 2-3	Over 40/few	CE 70 partial	20	60/3
-Number of students currently on scholarship (Partial/Full)	5/1	Unknown	Varies 4 to 8	50 FT	Estimate 60%/few	Unknown in Surveying	5	60/3
Total number of surveying students (Full-time/Part-time)	50	75 total			65/5	Approx. 10-15	64, 3	40/20
Number of graduates in 2007	9	8	28 (AAS 12, BS 16)	24	14	Took FS exam: 4-5	8	12
Number of graduates in 2006	12	4	24 (AAS 10, BS 14)	Approx. 23	12	Took FS exam: 5-6	12	9
Number of graduates in 2005	7	12	28 (AAS 16, BS 12)	Approx. 25	14	Took FS exam: 4-5	9	9
Number of program graduates since program inception	Approx. 500	Unknown	327 (AAS 234, BS 93)		Approx. 1,000	100+	Approx. 2-yr 650/4-yr 110	61
Number of current surveying faculty (Full-time/Part-time)	3/6	2/4	3/8	1/ 3-4	4/1	One and a half	4/1	2/5
Cost of tuition and fees per credit hour: (\$)		\$45 for Montgomery County residents						
-In-state	\$80.20	\$73.50 out of county	\$230-279	\$3,321.50 (Sem 1 & 2), \$4,032.00 (Sem 3 & 4)	Approx. \$175	\$ 441.36/term hour	\$6,033/semester, \$485/credit	\$120
-Out-of-state	\$160.40	\$100 out of state	\$521-587	N/A	Approx. \$300	\$ 782.36/term hour	\$8,868/semester, \$739/credit	\$240
-Special (regional program)	Yes, in-state tuition		See Akron Advantage	N/A	WUE	N/A	No	
Are co-op/internship programs available?	Yes	Yes, required	Yes, required for BS	Post-grad	Yes	Yes, CECOP Surveying	Informal internships	Yes
Are evening/weekend classes available?	Yes	Yes	Yes		No	No, Surveying Workshops available	No	Yes
Are distance learning opportunities available?	Yes	Yes	Yes, non-surveying courses	No	No	No	Yes	Yes
Are online courses available?	Yes, limited availability	Yes	Yes, non-surveying courses	No	Yes, limited	No	Yes	Yes
Are other off-site courses available?	No	No	Yes		No	No	Yes	No
Program area(s) of specialization	Land Surveying		Land Surveying, Map Production		All disciplines	Control and Boundary	[1]	Land Surveying & GIS
Do you offer other land information disciplines?:								
-GIS	Yes		AAS & Certificate	Yes	BS GIS option	All sophomores take class	2 courses	Yes
-Photogrammetry	No		Coursework		Yes	Senior elective	2 courses	No
-Remote Sensing	No		Coursework	Yes	No	In senior photogrammetry class	1 elective course	No
-Other				Surveying, Cartography	Boundary Law			

Numbers in brackets refer to notes on final page

2008 College and University Program Survey

STATE	TENNESSEE	TENNESSEE	TEXAS	TEXAS	WASHINGTON	WEST VIRGINIA	WEST VIRGINIA
College/University	East Tennessee State University	East Tennessee State University	Texas A&M University-Corpus Christi	The University of Texas at Tyler	Renton Technical College	Bluefield State College	Glenville State College
Website	www.etsu.edu/scitech/entc/sams.htm	www.etsu.edu/scitech/entc/sams.htm	http://csci.tamucc.edu/gisc/	www.uttyler.edu	surveying.rtc.edu	bluefieldstate.edu	www.glenville.edu
Program contact	Mr. Jerry D. Taylor, PLS, JD	Mr. Jerry D. Taylor, PLS, JD	Dr. Stacey Lyle, RPLS	Dr. Mark Miller	Martin Paquette/Julie Morland	Frank Hart	Charles R. Sypolt
Contact's Title	Coordinator, Surveying and Mapping Science	Coordinator, Surveying and Mapping Science	Associate Professor	Professor	Instructors	Dean, School of ET and CS	Professor
Contact's Phone	423/439-7701	423/439-7701	361/825-5850	903/510-2365; 903/566-7186	425/235-2338	304/327-4280	304/462-4135
Year program instituted	1960s; upgrade in 1987	1960s; upgrade in 1987	1995	2001	1990	1967	AS 1972, BS 2004
Two- or four-year program	BS	MS in Technology	4-year BS, 2-year MS	2+2 with Tyler Junior College	Two	Civil Engr. Technology	Both
Accreditation	ASAC/ ABET since 1994	Since 1970s	ABET-Applied Science	Southern Assoc. of Colleges & Schools	NWSC	ABET on Civil Engineering Technol.	Approved by WV & Ohio Bd of Examiners
Surveying degrees offered	BS in Surveying and Mapping Science	MS in Technology	BS, MS	BS	AAS	No	AS & BS
-Surveying credits required/Total credits required	75 surveying/23 math & science/128 total	9-15 cr surveying/30 total	72-BS, 37-MS	71 hours	132	18/128	50/68, 53/128
Percentage of students with transfer credit	75-80%	90%	50%	100% with AAS		20	25%
-Is transfer of credits easily accomplished?	Yes, on individual basis	Yes, on an individual basis	Yes	Core complete required	No	Yes	Yes
-Do you have a credit exchange program with two-year colleges?	Yes, with five schools in TN	Evaluated for each student	Yes	Yes	No	No	No
Are scholarships available to surveying students?	Yes	Graduate research or teaching available	Yes	Yes	Yes	No	Yes
-Number of scholarships available (Partial/Full)	3/2	Not yet	Numerous (Partial)	10 partial			4/1
-Number of students currently on scholarship (Partial/Full)	2/2	Not yet	10	12 partial			4/1
Total number of surveying students (Full-time/Part-time)	72/8	1 with a surveying focus	70/10	31/11	28/20		26/2
Number of graduates in 2007	11	0 with a surveying focus	18	8	18	14	12
Number of graduates in 2006	11	1 with a surveying focus	12	15	20		8
Number of graduates in 2005	10	0 with a surveying focus	13	7	16		6
Number of program graduates since program inception	165+		120	39	235		281
Number of current surveying faculty (Full-time/Part-time)	2/0 (current search for faculty)	2/0 (current search for faculty)	4/3	0/2	2/1	Not any one designated	2
Cost of tuition and fees per credit hour: (\$)						Not linear	
-In-state	\$258	\$368	\$274.73	12 hrs \$1,324; 18 hrs \$3,940	\$50	Not linear	\$173.92
-Out-of-state	Additional \$446-\$704	Additional \$446.00 = \$814.00	\$552.73	12 hrs \$1,879; 18 hrs \$6,803	\$50	Not linear	\$416.25
-Special (regional program)	\$695	\$805	No	Yes, with La.			
Are co-op/internship programs available?	Academic Common Market w/6 states [1]	Academic Common Market with NC	Yes	Yes	Yes	Yes	Yes
Are evening/weekend classes available?	Yes, most do one summer co-op	No	No	Yes	No	Yes	Yes
Are distance learning opportunities available?	Evenings yes/weekend No	Evening yes/weekend No	MS Degree only	Yes	No	Some	No
Are online courses available?	A few courses	A few courses	MS Degree only	No	No	Some	No
Are other off-site courses available?	A few courses	A few courses	No	No	No	No	No
Program area(s) of specialization	Via 2-yr matriculation program		Geomatics and GIS	Surveying	Surveying License Track		Retracement, mining
Do you offer other land information disciplines?:	[2]						
-GIS			Yes	GIS	1 course	Yes	Yes
-Photogrammetry	Yes	Yes	Yes		1 course	No	
-Remote Sensing	Yes	Yes	Yes			No	Yes
-Other	Surveying Business (21 cr)	Yes	[1]	Construction management		Mine surveying course	

Numbers in brackets refer to notes on final page

2008 College and University Program Notes

Arizona:

1. Part of the North Central Association of Colleges and Schools (NCA).

Canada:

1. Land Management; Ocean Mapping & Hydrography;
Geodesy; Geodetic Engineering.

Florida:

1. Survey and Mapping Technical Training for Field-to-Finish Proficiencies

Indiana:

1. Engineering Accreditation Commission terminating in 2009. To be determined after that date.

Massachusetts:

1. Most GISDE student finance their education through a combination of savings, loans, scholarships and grants. IDCE supplies information concerning funding opportunities. We have also compiled a "Scholarships and Resources for GIS Students" sheet for GISDE-only students.
2. The GISDE focuses specifically on the application of Geographic Information Science to issues of natural resource management for the sake of satisfying fundamental human needs. Topical strengths include: watershed management, biodiversity conservation, brownfield redevelopment, landscape ecology, land-use change, climate change, public participation and fire management.

Montana:

1. 67 GIS Option, 82 Surveying Option/180 GIS Option,
184 Surveying Option - quarter credits.

New York:

1. GIS, Photogrammetry, Land development, Boundary,
Least squares adjustments.
2. Civil & Construction Engineering Technology concentration.

North Carolina:

1. One in surveying, and many in non-surveying courses.
2. A boundary law course, and many non-surveying courses.

Pennsylvania:

1. GIS, Photogrammetry, Land Development, Boundary, Least
Squares Adjustments.

Tennessee:

1. VA, WV, KY, AL, SC, MS
2. Traditional Land Surveying; Subdivision Design; GIS; Surveying Business

Texas:

1. Cadastral Surveying, Land Administration, Geodesy, Hydrographic Science