

2009 College & University Program Survey

	ALABAMA	ALASKA	ARIZONA	ARKANSAS	CALIFORNIA	CALIFORNIA
College/University	Troy University	University of Alaska Anchorage	Phoenix College	UA Community College - Morrilton	California State Polytechnic University, Pomona	Evergreen Valley College
Web site	http://prism.troy.edu/~geomatics	www.uaa.alaska.edu	www.pc.maricopa.edu	www.uaccm.edu	www.csupomona.edu	www.evc.edu
Program contact	Dr. Steve Ramroop	Susan Dickerson	John J. Rose, R.L.S.	Terry Cleaver	Dr. Howard Turner	Dr. John Yu, PhD, PE
Contact's title	Program Director/ Assoc. Professor	Administrative Assistant	Adjunct Faculty/Program Coordinator	Surveying Instructor	Professor	Coordinator
Contact's phone	334/670-5693	907/786-1972	602/506-4679	501/977-2017	909/869-2645	408/274-7900 x 6570
Year program instituted	1998	1971	2004	1991	1984	1975
Two-or four-year program	Four-year	Four-year	Two-year	Two-year	Four-year	Two-year
Accreditation	In process of applying for ABET	ABET	Higher Learning Commission (HLC)	HLC / NCA	ABET; EAC	
Surveying degrees offered:	Geomatics	AAS / BS	AAS Surveying Technology / Certificate ST	AAS / Certificate	BSC in Civil Engineering	[1]
■ Surveying credits required/Total credits required	47/127	60/131	68/39	36/60	52/196 quarter units	28/28, 28/61, 28/67
Percentage of students with transfer credit?	35	N/A	15%	±50%	20	100
■ Is transfer of credits easily accomplished?	No	No	Yes	Yes - if applicable	Yes	No
■ Do you have a credit exchange program with two-year colleges?	No	N/A	No	Yes	Yes	No
Are scholarships available to surveying students?	Yes	Yes	Yes	Yes	Yes	Yes
■ Number of scholarships available? (Partial/Full)	5/0	3	7/3	Varies / Partial	20	4
■ Number of students currently on scholarship (Partial/Full)	15/0	3	5/2		20	4
Total number of surveying students? (Full-time/Part-time)	75/3	65	3/65	40/9	80	57
Number of graduates in 2008?	13		3	14	10	9
Number of graduates in 2007?	17		2	20	8	10
Number of graduates in 2006?	13		6	16	6	8
Number of program graduates since program inception?	75	48	13		163	300
Number of current surveying faculty? (Full-time/Part-time)	3/1	1/12	0/8	2/0	3	
Cost of tuition and fees per credit hour: (\$)						
■ In-state?	\$177	\$141 for 2009 / 2010 school year	\$65	\$94	\$83	\$20
■ Out-of-state?	\$354	\$471	\$90	\$129	\$333	\$200
■ Special (regional program)?		Yes	N/A	\$87 in county	None	
Are co-op/internship programs available?	Yes	Yes	Yes	1 three-hour internship	No	Yes
Are evening/weekend classes available?	No	Yes	Yes	No	No	Yes
Are distance learning opportunities available?	No	Yes	Yes	No	No	No
Are online courses available?	Yes, for General Studies	Yes	Yes	No	No	No, but will be
Are other off-site courses available?	Yes, for General Studies	No	No	Yes	No	No
Program area(s) of specialization	Geomatics	All six areas of geomatics	Surveying	Boundary	Geospatial Engineering	Surveying and Geomatics
Do you offer other land information disciplines:				No		
■ GIS	Yes	Yes	Yes		Yes	Yes, part of the program
■ Photogrammetry	Yes	Yes	Yes		Yes	Yes, part of the program
■ Remote Sensing	Yes	Yes	No		Yes	Yes, 3D laser scanning
■ Other	[1]	GPS, Hydro, Geodesy, Map Projections			Yes	

Numbers in brackets refer to footnotes on final page

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	CALIFORNIA	COLORADO	FLORIDA	FLORIDA	FLORIDA	GEORGIA
College/University	Santa Rosa Junior College	Westwood College - Denver North	Chipola College	Florida Atlantic University	University of Florida	Middle Georgia College
Web site	www.santarosa.edu/certificates	www.westwood.edu	www.chipola.edu	www.ge.fau.edu	www.geomatics.ifas.ufl.edu	http://surveying.mgc.edu
Program contact	Jerry Miller	Lynn Patten	Sam Bruner	Ashley Morgan	Dr. Bon Dewitt	J. Hardwick Butler
Contact's title	Program Coordinator	Lead Instructor of Surveying	Instructor	Coordinator, Academic Support Services	Program Director	Professor of Engineering
Contact's phone	707/527-4376	720/542-5844	850/718-2399	772/873-3447	352/392-9492	478/934-3953
Year program instituted	1965	Origin: Brinker School of Surveying	2007-2008	2007	1973	1985
Two-or four-year program	2-year	2-year (7 terms = 17 months)	1350 hours	Four-year	Four-year	(Pending)
Accreditation	WASC	ACCSC and HLC candidacy	SACS	ABET EAC (2011 Projected Initial Visit)	ABET-ASAC	SACS
Surveying degrees offered:	Certificate/AS	AAS - Surveying	Certificate	BS Geomatics Engineering (BSGE)	BS, MS, PhD	Certificate
■ Surveying credits required/Total credits required	29/45 Cert; 29/66 AS	66/102 (term basis)	N/A	61/120	42/120	18/18 (semester hours)
Percentage of students with transfer credit?	1%		N/A	50%	75%	10%
■ Is transfer of credits easily accomplished?	Yes		N/A	Yes	Yes	Yes
■ Do you have a credit exchange program with two-year colleges?	N/A		No	Yes	Yes (Florida colleges)	No
Are scholarships available to surveying students?	Yes	ACSM, PLSC, CCPS, etc.	Yes	Yes	Yes	HOPE Grant Program
■ Number of scholarships available? (Partial/Full)	40 discipline specific, 100+ general	All partial, No full	10	3/0	Variable. ~20 partial ~4 full	Almost automatic* [1]
■ Number of students currently on scholarship (Partial/Full)	0.8			3/0	18/4	100/0
Total number of surveying students? (Full-time/Part-time)	42 FT/14 PT	24 full-time	7	5/25	62/2	0/150
Number of graduates in 2008?	20	13		N/A	22	N/A
Number of graduates in 2007?	20	15		N/A		N/A
Number of graduates in 2006?	26	8		N/A		N/A
Number of program graduates since program inception?	700+	10-20 per year			402	182 now RLS in Georgia
Number of current surveying faculty? (Full-time/Part-time)	1/10	2/2	1/0	3/0	7/1	3
Cost of tuition and fees per credit hour: (\$)						
■ In-state?	\$20/sem. unit		\$2.05 per clock hour	\$122.06	\$126	\$125 (approx)
■ Out-of-state?	\$177/sem. unit		\$7.10 per clock hour	\$579.62	\$687	
■ Special (regional program)?	Fee waiver programs		\$2.08 per clock hour		N/A	\$125/credit hour for online students
Are co-op/internship programs available?	Yes	No	Yes	Yes	Yes	
Are evening/weekend classes available?	Yes	General ed. only	Yes	Yes	Yes	Not at this time, but weekend labs are planned
Are distance learning opportunities available?	No	No	Yes-Soon	Yes	Yes	(Online)
Are online courses available?	No	General ed. only	Yes-Soon	Yes	Yes	Yes
Are other off-site courses available?	No	No	No	Yes	Yes	No
Program area(s) of specialization	[2]	None	Surveying and Mapping Technology	General Program	N/A (general curriculum)	Georgia Surveying License preparation
Do you offer other land information disciplines:		No				
■ GIS	Certificate/AS			Yes	Yes	(in the works)
■ Photogrammetry	Yes, one course			Yes	Yes	(in the works)
■ Remote Sensing	included in Photogrammetry			Yes	Yes	(in the works)
■ Other	Natural Resource Mangement				Geodesy, Cadastral Systems	

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	IDAHO	ILLINOIS	ILLINOIS	INDIANA	INDIANA	LOUISIANA
College/University	Idaho State University	Parkland College	Southern Illinois University Carbondale	Purdue University	Vincennes University	Nicholls State University
Web site	www.isu.edu/ctech/geomatics.shtml	www.parkland.edu/est/surv/index.htm	www.siuoc.edu	www.ecn.purdue.edu/Geomatics	www.vinu.edu [5]	www.nicholls.edu/does
Program contact	Dr. Rajendra Bajracharya, Ph.D, PLS.	Todd W. Horton, PE, PLS	Roy Frank, PLS	Steven D. Johnson	Bill Clark	Dr. Terry Dantin, PhD, PLS
Contact's title	Associate Professor/Coordinator	Program Dir, Construction Design & Mgt.	Assistant Professor	Assoc. Prof. and CE Assist. Head for UG Prog.	Program Coordinator	Head Applied Sciences
Contact's phone	208/282-5705	217/373-3785	618/453-7830	765/494-0786	812/888-5865	985/448-4725
Year program instituted	2000	2001	1994	1973	1976	Fall 2003
Two-or four-year program	Four-year	Two-year	Four-year	Four-year	Two-year	Four-year
Accreditation	ABET-TAC	NCA	CEE, ABET	ABET - EAC terminating in May 2009	North Central	Began ABET process Spring 2009
Surveying degrees offered:	BS Geomatics Technology	Associate in Applied Science	BS - CEE; BS - TRM	BS [1]	A.S./A.A.S	BS
■ Surveying credits required/Total credits required	36 upper division/133	24 survey credits / 63 credits total	24/128	41/136	38/70	55/121
Percentage of students with transfer credit?	3	20%	60%	Unknown	25%	15%
■ Is transfer of credits easily accomplished?	We match credit by credit	Yes	Yes	Yes	Yes	Yes
■ Do you have a credit exchange program with two-year colleges?	No	Yes	Yes	Yes	Yes	Yes
Are scholarships available to surveying students?		Yes	Yes	Yes	Yes	Yes
■ Number of scholarships available? (Partial/Full)	3/1	6/0	(5) \$1000 & 2(\$1500)	4/0	2/0	5/2
■ Number of students currently on scholarship (Partial/Full)	3/1	1	6/0	4/0	7/0	1/0
Total number of surveying students? (Full-time/Part-time)	31/10	11/4	65/44	3/10 Soph, Jr, and St.	33/4	51 (41/10)
Number of graduates in 2008?	4	2	38	4	12	8
Number of graduates in 2007?	4	3	28	15	14	4 (first grads from program)
Number of graduates in 2006?	3	2	24	13	13	N/A
Number of program graduates since program inception?	22	16	± 385	399	300+	12
Number of current surveying faculty? (Full-time/Part-time)	2	1/3	1/0	4/2	2/0	3/0
Cost of tuition and fees per credit hour: (\$)		z				
■ In-state?	\$2,332 + insurance	\$230	\$192	[2]	\$120.56	12-19/cr \$1,885.35
■ Out-of-state?	\$6,934 + insurance	\$358	\$480	[3]	\$300.88	12-19/cr \$4,609.35
■ Special (regional program)?	No	\$87 district resident	\$192 Border States	No	\$191.76 Select counties in Illinois	Mapping Certificate (Graduate)
Are co-op/internship programs available?	No	Yes	Yes	Yes	Yes	Yes (required)
Are evening/weekend classes available?	Yes	[1]	Yes	No	Yes	Not currently
Are distance learning opportunities available?	Two-way audio-video to ISU centers in ID	No	No	Graduate Courses	Yes	Developing
Are online courses available?	No	General education classes are available on-line	No	Yes	Yes	Developing
Are other off-site courses available?	Yes, from Boise	No	Yes- Weekend in Joliet, IL	No	Yes	Developing
Program area(s) of specialization	Geomatics	None	All Aspects of Land Surveying	[4]	Civil Drafting/CAD	Geomatics (Surveying & Mapping)
Do you offer other land information disciplines:						
■ GIS	MS through geo-sciences	Yes	Geography Department	Yes	No	Yes
■ Photogrammetry	1 course	No	Yes	Yes	No	Yes
■ Remote Sensing	1 course through Geo-sciences	No	Forestry Department	Yes	No	Yes
■ Other		No	Land Development		No	Geodesy/Construction/Highway

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	MAINE	MASSACHUSETTS	MICHIGAN	MICHIGAN	MINNESOTA	MINNESOTA
College/University	University of Maine	Clark University	Ferris State University	Michigan Technological University	St. Cloud State University	Saint Paul College
Web site	www.umaine.edu/set/svt	www.clarku.edu/idce	www.ferris.edu/surveying	www.tech.mtu.edu	www.stcloudstate.edu/geog	www.saintpaul.edu
Program contact	Dr. Raymond J. Hintz	Yelena Ogneva-Himmelberger	Sayed Hashimi	Dr. James Fren Dewey, PhD	Dr. Bill Hazelton	Tom Arneson
Contact's title	Program Coord. & Professor, PLS, PhD	GISDE Professor and Program Coordinator	Department Chair	Interim Dean	Professor & Program Director	LS Tech Instructor
Contact's phone	207/581-2189	508/421-3805	231/591-2632	906/487-2259	320/308-6686	651/846-1368
Year program instituted	2003	1996	1972 BS, 1957 AAS	1975	1995	2001
Two-or four-year program	Four-year	12 months - 2 year program [1]	Both	Four-year	Four-year	Two-year
Accreditation	TAC	Yes	EAC/ABET BS only	Planned ABET	ABET-Applied Science	None
Surveying degrees offered:	BS Surv. Engr. Tech.	MA in GIS for Dev. and Environment	AAS / BS	BS Surveying Engineering	B S in Land Surveying	AAS Land Surveying Technology
■ Surveying credits required/Total credits required	60/126	12	77 / 133 BS	43/130	120	30/60
Percentage of students with transfer credit?	40%	N/A	Approx. 60 - 70%	33%	100%	20%
■ Is transfer of credits easily accomplished?		Students must seek approval of IDCE Dir.	Yes	Yes	From two-year colleges	Yes
■ Do you have a credit exchange program with two-year colleges?	Yes	No	2nd year college transfers accepted	Yes	Yes	Yes
Are scholarships available to surveying students?	Yes	Yes	Yes	Yes	Yes	Yes
■ Number of scholarships available? (Partial/Full)	12/0	[2]	17	[1]	10+	Variable
■ Number of students currently on scholarship (Partial/Full)	24/0	17	17	22/0	0/15	Unknown
Total number of surveying students? (Full-time/Part-time)	60/5	17	115 Fall 08	40/3	40/100	17/6
Number of graduates in 2008?	14	9	23	11	14	9
Number of graduates in 2007?	11	8	19	27	8	20
Number of graduates in 2006?	8	20	21	14	15	8
Number of program graduates since program inception?	40	130	859	385	90+	70
Number of current surveying faculty? (Full-time/Part-time)	3/0	5 core faculty/5 adjunct faculty	6/1 adjunct	3/1	2/ 2 adjunct	1/1
Cost of tuition and fees per credit hour: (\$)						
■ In-state?	\$239	\$4,237.50/ course unit	\$300/ credit \$17,106 year	\$331/credit + \$360 fees (est.) / credit	\$205	\$148
■ Out-of-state?	\$685		\$450/credit \$21, 606 year	\$723/credit + \$750 fees (est.) / credit	\$416	\$148
■ Special (regional program)?	\$358.50 New England				\$206 and \$296	\$148
Are co-op/internship programs available?	Yes	Yes	No	Yes	Yes	No
Are evening/weekend classes available?	Yes	No	Some	No	Yes	No
Are distance learning opportunities available?	Yes	No	No	Yes	Yes	No
Are online courses available?	Yes	No	GIS Certificate Program	Yes	Yes	No
Are other off-site courses available?	No	No	No	Yes	Interactive TV and Web	No
Program area(s) of specialization	Land surveying	[3]	Broad Based see below	Surveying Engineering; Geospatial Engineering	Surveying and GIS	Land Surveying Technology
Do you offer other land information disciplines:						No
■ GIS	Yes	Yes	Yes 6 semester hours	Yes	Yes	
■ Photogrammetry	Yes	No	Yes 6 semester hours	Yes	Yes	
■ Remote Sensing	Yes	Yes	Yes 3 semester hours	Yes	Yes	
■ Other			Civil Engineering 19 semester hours	[2]	Visualization Systems	

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	MISSISSIPPI	MISSOURI	MONTANA	NEVADA	NEW BRUNSWICK	NEW JERSEY
College/University	Mississippi State University	MCC - Longview	Flathead Valley Community College	Great Basin College	University of New Brunswick	New Jersey Institute of Technology
Web site	www.abe.msstate.edu	http://mccok.edu/longview/landsurvey	www.fvcc.edu	www.gbcnv.edu/bas	www.gge.unb.ca	http://web.njit.edu/surveying
Program contact	Dr. David Smith, PE	David Gann, PLS	David L. Dorsett, PLS	Jim Elithorp	Dr. James M. Secord	Dr. Joshua Greenfield
Contact's title	Professor	Program Coordinator/Instructor	Department Head	Program Supervisor	Director of Undergraduate Studies	Professor
Contact's phone	662/325-7351	816/672-2336	406/756-3913	775/753-2240	506/453 5150	973/596-5808
Year program instituted	1997	AAS degree was approved in 1992	1968	2004	1960	1989
Two-or four-year program	Four-year	Two-year	Two-year	Online Four-Year Degree Program	Four-year	Four-year
Accreditation	No		Mt. Board of PE & LS	Regional	[1]	ABET/TAC
Surveying degrees offered:	BS	A.A.S.	AAS	Bachelor of Applied Science	BScE in Geomatics Engineering	
■ Surveying credits required/Total credits required	124	18/0	48 sem/68 sem	39/122.5 Semester Credits	160 credit hours	128
Percentage of students with transfer credit?	75	No data available, approx at least 50%	20%	97%	85%	90
■ Is transfer of credits easily accomplished?	Yes	Yes	Yes	Yes	Yes	Yes
■ Do you have a credit exchange program with two-year colleges?	Yes	Yes	N/A	Yes	Yes	Yes
Are scholarships available to surveying students?	Yes	No	Yes	Yes	Yes	Yes
■ Number of scholarships available? (Partial/Full)	12 in this dept.	N/A	20+/0	Variable	8/0	Depends on the number of applications
■ Number of students currently on scholarship (Partial/Full)	~30	N/A	15	3/1	8/0	19
Total number of surveying students? (Full-time/Part-time)	38/0	Average of 64 students/year from 2004-2008	25/5	5/35	100	75
Number of graduates in 2008?	8	[1]	9	1	25	14
Number of graduates in 2007?	9		5	0	30	17
Number of graduates in 2006?	5		12	0	21	9
Number of program graduates since program inception?	65	Approximately 2 licensures per year	281	1	853	129
Number of current surveying faculty? (Full-time/Part-time)	3	1 full time	2/2	1/2	9/2	2/5
Cost of tuition and fees per credit hour: (\$)						
■ In-state?	> \$ 138	\$82/credit hour	\$173	\$69 Lower/\$106 Upper	\$194 Canadian	\$599
■ Out-of-state?	> \$ 319 w/o waiver	\$195/credit hour	\$379/\$260-WUE	\$98 Lower/\$152 Upper		\$1,052
■ Special (regional program)?	Common market with 14 states	\$146/credit hour in state but out of district	\$124 (in county)	\$98 Lower/\$152 Upper		
Are co-op/internship programs available?	Yes	No	No	Yes	Yes	No
Are evening/weekend classes available?	Evening - yes; Weekend - no	Yes	No	Yes	Occasionally	Yes
Are distance learning opportunities available?	for some courses	Scheduled Spring 2010	No	Online Degree Program	Occasionally	No
Are online courses available?	Yes	Scheduled Spring 2010	No	Online Degree Program	Occasionally	No
Are other off-site courses available?	At many 2- and 4- year institutions	No	No	Yes		Yes
Program area(s) of specialization	Surveying/Geomatics	N/A	Law-PLSS-GIS-Computers-GPS	Land Surveying Geomatics	Cadastral Surveying Option	Surveying
Do you offer other land information disciplines:						
■ GIS	Elective courses available	Yes	Yes	Yes	Yes	Yes
■ Photogrammetry	Elective course is available	No	Yes	Yes	[2]	Yes
■ Remote Sensing	Elective course is available	No	Yes	Yes		No
■ Other	Capstone surveying for Seniors	N/A	N/A			

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	NEW YORK	NEW YORK	NEW YORK	NORTH CAROLINA	NORTH CAROLINA	OHIO
College/University	Alfred State College	Mohawk Valley Community College	Suny ESF Ranger School	Asheville Buncombe Tech Comm College	Southwestern Community College	Ohio State University
Web site	www.alfredstate.edu	www.mvcc.edu	www.rangerschool.esf.edu	www.abtech.edu	www.southwesterncc.edu/acadprog/srv.htm	www.ceegs.ohio-state.edu
Program contact	Uli Besemann L.S.	Duane Frymire, LS, EJD	Christopher Westbrook	Wesley W. Miley PLS	Peter Messier, PLS, PE	Carolyn J. Merry
Contact's title	Program Coordinator	Assistant Professor	Director	Instructor	Program Coordinator	Professor and Chair
Contact's phone	716/587-4625	315/792-5346	315/848-2566	828/254-1921 x 370	800/447-4091 x 402	614/292-3455
Year program instituted	1952	1972	2005	1980	Fall 2003	2001
Two-or four-year program	Both	Two-year	Two-year	Two-year	Two-year	Four-year
Accreditation	TAC ABET	ABET & Middle States Regional	ABET & Middle States Regional	SACS	SACS	ABET EAC
Surveying degrees offered:	BS	AAS	AAS Surveying Technology	AAS Surveying Technology	AAS in Surveying Technology	BS Geomatics Engineering
■ Surveying credits required/Total credits required	136	24/71	22/78	32/70	44 / 71	196 quarter hours
Percentage of students with transfer credit?	20%	Variable	100	N/A	50%	15%
■ Is transfer of credits easily accomplished?	Yes	Yes, if transferable	Yes	Yes	Yes	Yes
■ Do you have a credit exchange program with two-year colleges?	Yes	Yes, if transferable		Yes	Yes	Yes
Are scholarships available to surveying students?	Yes	Yes, if transferable	Yes	Yes	Yes	Yes
■ Number of scholarships available? (Partial/Full)	10	4 partial (surveying specific)	Various	80	4/0	1/0
■ Number of students currently on scholarship (Partial/Full)	10	4	Various	3/15	10/0	1/0
Total number of surveying students? (Full-time/Part-time)	10	15/5	13	20/16	3/ 36	17/0
Number of graduates in 2008?	12	3	15	6	6	1
Number of graduates in 2007?	15	2	6	10	6	3
Number of graduates in 2006?	14	2	14	3	7 (first graduating class)	9
Number of program graduates since program inception?		128	81	70	19	49
Number of current surveying faculty? (Full-time/Part-time)	2/1	5 full-time in surveying/civil eng. dept.	2/1	3/2	2/1	4/3
Cost of tuition and fees per credit hour: (\$)						
■ In-state?	\$21/Hour, \$2175/Sememster	Res. \$120/cr hour, \$3,250/year	\$4,970/year	\$39.50/ hour	\$42	\$725
■ Out-of-state?	\$3605/Sememster	Non-Res. \$240/cr hour, \$6,500/year	\$12,870/year	\$219.50/ hour	\$233	\$1,850
■ Special (regional program)?		[1]		N/A	N/A	N/A
Are co-op/internship programs available?	Yes	Yes	No	Yes	Yes	Yes
Are evening/weekend classes available?	No	Yes	No	Yes	Yes, our major emphasis	Yes
Are distance learning opportunities available?	No	Yes	No	Yes	[1]	No
Are online courses available?	No	Yes	No	Yes	[2]	No
Are other off-site courses available?	Yes	No	No	No	no	No
Program area(s) of specialization		[2]		Land Surveying	Land Surveying	GIS, photogrammetry, mapping
Do you offer other land information disciplines:						
■ GIS	Yes	Yes		Land Surveying	No	Yes
■ Photogrammetry	Yes	Limited			No	Yes
■ Remote Sensing	Yes	Limited			No	Yes
■ Other			Forestry		Yes, Civil Engineering	

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	OHIO	OHIO	OREGON	OREGON	PENNSYLVANIA	SOUTH CAROLINA
College/University	Sinclair Community College	University of Akron	Oregon Institute of Technology	Oregon State Univ., Civil Engr.	Pennsylvania College of Technology	Greenville Technical college
Web site	www.sinclair.edu	www.uakron.edu	www.oit.edu	www.cce.oregonstate.edu	www.pct.edu	www.gvltcc.edu
Program contact	Professor Al Wahle	Prof. Thomas (Mike) Besch	Jack A. Walker, PLS	Robert J. Schultz	Brad Lyon, PLS	Sid Shrum PE/PLS
Contact's title	Chair Civil engineering Technology	Program Director	Geomatics Department Chair	Prof. - Civil Engr	Instructor	Dept Head - Geomatics Technology
Contact's phone	937/512-2183	330/972-7059	541/885-1511	541/737-4579	570/320-2400 ext. 7087	864/250-8555
Year program instituted	1965	1996 (AAS), 1998 (BS)	1947	CE - 1907 Surveying part of CE	1994	1999
Two-or four-year program	Two-year	Both	Four-year	Four-year	Two-year	Two-year
Accreditation	TAC/ABET	ABET/TAC	ASAC-ABET	CE program ABET/EAC	TAC/ABET	Yes - TAC of ABET
Surveying degrees offered:	[1]	AAS & BS	BS Surveying, BS GIS	None - Civil Engr Degree	AAS	2-year Assoc Degree + 2 Certificates
■ Surveying credits required/Total credits required	104 credit hours, 2 year AAS	35/68 (AAS), 66/136 (BS)	57/181 quarter credits	4 in CE plus 20/180	34/64	76
Percentage of students with transfer credit?	100%	44%	40%	20% in CE	39%	10%
■ Is transfer of credits easily accomplished?	Yes	Yes	Yes	Yes	Usually	Yes
■ Do you have a credit exchange program with two-year colleges?	Yes	Yes	Yes	Yes, in Oregon	No	Yes
Are scholarships available to surveying students?	Yes	Yes	Yes	Yes, as CE student plus PLSO	Yes	Yes
■ Number of scholarships available? (Partial/Full)	N/A	7/0	over 40 / few	CE's 70 partial	10	50/3
■ Number of students currently on scholarship (Partial/Full)	N/A	varies 6 to 10	estimate 60% / few	Unknown in Geomatics	3	45/3
Total number of surveying students? (Full-time/Part-time)	75		68/3	Approx 10-15	28/3	10/4
Number of graduates in 2008?		30 (AAS 14, BS 16)	11	Took FS exam 4-5	15	13
Number of graduates in 2007?	4	28 (AAS 12, BS 16)	12	Took FS exam 5-6	28	12
Number of graduates in 2006?	8	24 (AAS 10, BS 14)	14	Took FS exam 5-6	22	9
Number of program graduates since program inception?	N/A	357 (AAS 248 / BS 109)	~ 1,000	100 plus	200+	74
Number of current surveying faculty? (Full-time/Part-time)	2/4	3/8	4/1	2	2/2	2/5
Cost of tuition and fees per credit hour: (\$)						
■ In-state?	\$73.50 Out of County	\$245-\$300	~ \$225	\$129	\$393	\$134
■ Out-of-state?	\$100.00	\$536-\$609	~ \$350	\$392	\$494	\$240
■ Special (regional program)?	\$45 for Montgomery County Residents	See Akron Advantage	WUE (150% resident tuition)	None	N/A	\$146
Are co-op/internship programs available?	Yes - Required	Yes, required for BS	Yes	Yes CECOP Surveying	Yes	Yes
Are evening/weekend classes available?	Yes	Yes	No	No. Surveying Workshops available	Yes- Non-Surveying classes	Yes
Are distance learning opportunities available?	Yes	Yes, non-surveying courses	Developing	No	Yes- Non-Surveying classes	Limited
Are online courses available?	Yes	Yes, non-surveying courses	Yes, limited	No	Yes- Non-Surveying classes	Limited
Are other off-site courses available?	No	Yes	No	No	No	Land Surveying & GIS Certificates
Program area(s) of specialization		Land Surveying, Map Production	All disciplines	Control and Boundary	Land Surveying	
Do you offer other land information disciplines:						
■ GIS	Yes	AAS & Certificate	BS GIS option	All sophomores take class	Yes	Yes
■ Photogrammetry		Coursework	Yes	Senior elective	Yes	No
■ Remote Sensing		Coursework	No	Combined with photogrammetry	No	No
■ Other			Boundary Law			GPS

Numbers in brackets refer to footnotes on final page

2009 College & University Program Survey

	TENNESSEE	TENNESSEE	TEXAS	TEXAS	TEXAS	VIRGINIA
College/University	East Tennessee State University	East Tennessee State University	Texas A&M University-Corpus Christi	The University of Texas at Tyler	Tyler Junior College	Old Dominion University
Web site	www.etsu.edu/scitech/entc/sams.htm	www.etsu.edu/scitech/entc/sams.htm	www.gisc.tamucc.edu	www.uttyler.edu	www.tjc.edu	www.eng.odu.edu/et/academics/cet/cet.shtml
Program contact	Mr. Jerry D. Taylor, PLS, JD	Mr. Jerry D. Taylor, PLS, JD	Dr. Stacey Lyle, RPLS	Dr. Mark Miller	Patti Williams	Carol Considine
Contact's title	Coordinator, Surveying and Mapping Science	Coordinator, Surveying and Mapping Science	Associate Professor	Professor	Professor, Surveying and Mapping	CET Program Director
Contact's phone	423/439-7701	423/439-7701	361/825-5850	903/510-2365 or 903/566-7186	903/510-2365	757/683-3783
Year program instituted	1960's; upgrade in 1987	1960's; upgrade in 1987	1995	2001	1956	1970
Two- or four-year program	BS Surveying and Mapping Science	MS in Technology	4-year BS / 2-year MS	2+2 with Tyler Junior College	2+2 with The University of Texas at Tyler	Four-year
Accreditation	ASAC/ ABET since 1994	Since 1970's	ABET-Applied Science	Southern Association of Colleges & Schools	Southern Association of Colleges & Schools	TAC of ABET
Surveying degrees offered:	BS in Surveying and Mapping Science	MS in Technology	BS, MS	BS	AAS, Certificate	Bachelor of Science Engineering Technology
■ Surveying credits required/Total credits required	[1]	9-15 cr surveying / 30 total	72-BS, 36-MS	60 hours	71/40	30/127
Percentage of students with transfer credit?	75-80%	90%	50%	100% with AAS	100% with AAS to Texas Public Colleges	Unknown
■ Is transfer of credits easily accomplished?	Yes, it is on an individual basis	Yes, it is on an individual basis	Yes	Completed core classes required	with the AAS, not with certificate	Yes
■ Do you have a credit exchange program with two-year colleges?	Yes with five schools in TN	Evaluated for each student	Yes	Yes	Yes, core classes	Yes
Are scholarships available to surveying students?	Yes	Graduate research or teaching available	Yes	Yes	Yes	Yes
■ Number of scholarships available? (Partial/Full)	3/0	Not yet	Numerous (Partial)	10/0	10/0	1
■ Number of students currently on scholarship (Partial/Full)	2 on partial	Not yet	30+	12/0	12/0	1/4
Total number of surveying students? (Full-time/Part-time)	64/6	1 with a surveying focus	72/10	31/11	88/0	2/4
Number of graduates in 2008?	10	1 with a surveying focus	19	10	20	6
Number of graduates in 2007?	11	0 with a surveying focus	18	8	14	4
Number of graduates in 2006?	11	1 with a surveying focus	12	15	14	1
Number of program graduates since program inception?	over 176		139	39	800	47
Number of current surveying faculty? (Full-time/Part-time)	[2]	Same as for BS	5/6	0/2	2/1	1/2
Cost of tuition and fees per credit hour: (\$)					\$131	
■ In-state?	\$217.45	\$277.96	\$291.87	12 hrs \$1,324 / 18 hrs \$3,940	\$163	\$214
■ Out-of-state?	\$671.38	\$731.79	\$572.87	12 hrs \$1,879 / 18 hrs \$6,803	\$338	\$613
■ Special (regional program)?	Additional fees for online courses	Additional fees for online courses	No	Yes, with La.	Yes	N/A
Are co-op/internship programs available?	[3]		Yes	Yes	Yes	Yes
Are evening/weekend classes available?	Yes; most students do one summer co-op	No	No	Yes	No	Yes
Are distance learning opportunities available?	Evenings yes; Weekends no	Evenings yes; Weekends no	MS Degree only	Yes	No	Yes
Are online courses available?	Several courses	Several courses	Yes	Yes	No	Yes
Are other off-site courses available?	Several courses	Several courses	No	No	No	No
Program area(s) of specialization	Through the 2 yr matriculation program		Geomatics and GIS	Surveying	Surveying	
Do you offer other land information disciplines:	[4]	Students work with advisor to focus the program				
■ GIS	Yes	Yes	Yes	Yes	Yes	Yes
■ Photogrammetry	Yes	Yes	Yes			
■ Remote Sensing	Yes	Yes	Yes			Yes
■ Other	Surveying business (21 cr)		[1]	Construction Management		

Numbers in brackets refer to footnotes on final page

2009 College & University Program Survey

	WASHINGTON	WASHINGTON	WEST VIRGINIA	WYOMING	2009 COLLEGE SURVEY FOOTNOTES
College/University	Bates College	Renton Technical College	Glenville State College	University of Wyoming	ALABAMA 1. Geodesy, Land Development, Geodetic Surveys, Hydrology, Land Law, Boundary Retracement, Least Squares Adjustment
Web site	www.rfang@bates.ctc.edu	www.surveying_rtc.edu	www.glenville.edu	www.eng.uwyo.edu [1]	CALIFORNIA 1. Certificate (existing), AS, AA (to be offered in the fall) 2. Civil, Surveying, GIS, Water/Waste Water, Const., Arch., CAD
Program contact	Rich Lang	Martin Paquette/Julie Csisek	Charles R. Sypolt	Rod Skaggs	GEORGIA 1. Student has to apply for the state-sponsored HOPE Grant Program – every in-state student is eligible for the grant
Contact's title	Instructor	Instructors	Professor	Director	ILLINOIS 1. 50% of core classes are available during evenings/weekends
Contact's phone	253/680-7345	425/235-2338	304/462-4135	800/448-7801	INDIANA 1. BS Degree ending May 2009; Land Surveying minor in BSCE and graduate degrees available 2. Part-time \$265/credit hour / Full-time \$4,022/ semester 3. Part-time \$738/credit hour / Full-time \$11,426/ semester 4. Land Surveying, Land Development, Geomatics 5. www.vinu.edu/cms/opencms/future_students/academic_divisions/technology/surveying
Year program instituted	1970s	1990	AS 1972, BS 2004	1992	MASSACHUSETTS 1. Depending on the needs of the students 2. IDCE offers full and several partial merit-based tuition fellowships to recipients who have demonstrated leadership in their work experience and have excellent academic qualifications. 3. The GISDE focuses specifically on the application of Geographic Information Science (GIS) to issues of natural resource management for the sake of satisfying fundamental human needs. Topical strengths include: watershed management, biodiversity conservation, brown-field redevelopment, landscape ecology, land-use change, climate change, public participation, and fire management.
Two-or four-year program	Two-year	Two-year	Both	Certificate/2-yr AAS degree	MICHIGAN 1. 15 University; 4 School; 5 Surveying Engineering Dept / All Partial 2. Web-GIS; Automated Cartography; 3D Visualization Systems
Accreditation	Accredited as a Tech College	NWSC & WA Board of Registration	Approved by WV and OH Brd of Examiners	Part of ABET Civil Engineering Program	MISSOURI 1. Students do not need the degree to practice land surveying. Therefore we graduate approximately 2 per year.
Surveying degrees offered:	Assoc. Land Surveying	AAS	AS & BS	Certificate/2-yr AAS degree	NEW BRUNSWICK 1. Land Surveying, Land Management, Ocean Mapping & Hydrography
■ Surveying credits required/Total credits required	102 credits	132/152	50/68 53/128	24 Certificate/36 AAS degree	NEW YORK 1. Full scholarship for exceptional area high school graduates 2. Multi-Discipline dual degree opportunities - Surveying, Civil Engineering, GIS
Percentage of students with transfer credit?	0%	10%	25%	10%	NORTH CAROLINA 1. Yes, one in surveying and many in non-surveying courses 2. Yes, a boundary law course and many non-surveying courses
■ Is transfer of credits easily accomplished?	Moderate difficulty	Yes	Yes	Yes	OHIO 1. AAS Civil Engineering Tech., One-year Surveying Cert.
■ Do you have a credit exchange program with two-year colleges?	No	No	No	Yes	TENNESSEE 1. 75 surveying/ 23 math & science / 128 total semester hours 2. 2 FT, 1 adjunct faculty; currently searching for full-time faculty 3. Academic Common Market with 6 states; VA, WV, KY, AL, SC, MS 4. Traditional Land Surveying/Subdivision; Geospatial; Surveying business
Are scholarships available to surveying students?	Yes	Yes	Yes	No	TEXAS 1. Cadastral Surveying, Land Administration, Geodesy, Hydrographic
■ Number of scholarships available? (Partial/Full)	52 scholarships annually approx.\$30k	5/0	4/1	N/A	WYOMING 1. www.eng.uwyo.edu/civil/research/surveying.html
■ Number of students currently on scholarship (Partial/Full)	None	5/0	4/1	N/A	
Total number of surveying students? (Full-time/Part-time)	Enrollment cap 20	18/10	26/2	5/120	
Number of graduates in 2008?	None	13	9	10	
Number of graduates in 2007?	2	18	6	10	
Number of graduates in 2006?	4	20	6	10	
Number of program graduates since program inception?		248	290	100	
Number of current surveying faculty? (Full-time/Part-time)	1/0	2/1	2	1/3	
Cost of tuition and fees per credit hour: (\$)					
■ In-state?	\$4,022	\$63.75	\$186.92	\$202/ credit hour	
■ Out-of-state?	\$4,022	No additional	\$447.42	\$202/ credit hour	
■ Special (regional program)?	None	N/A		\$202/ credit hour	
Are co-op/internship programs available?	No	Yes	Yes	No	
Are evening/weekend classes available?	No	Part-time	Yes	All in evening	
Are distance learning opportunities available?	No	No	No	All via distance	
Are online courses available?	No	No	No	All online	
Are other off-site courses available?	No	No	No	All off-site	
Program area(s) of specialization	Land Surveying	Professional license track	Retracement, mining	Land Surveying	
Do you offer other land information disciplines:				None	
■ GIS	Intro	1 course	Yes		
■ Photogrammetry	Intro	1 course			
■ Remote Sensing	Intro		Yes		
■ Other		Autodesk Training Center			

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