

2007 College and University Program Survey

STATE	ALABAMA	ALASKA	ARIZONA	ARKANSAS	CALIFORNIA	CALIFORNIA	CALIFORNIA	COLORADO
College/University	Troy University	University of Alaska	Phoenix College	University of Arkansas-Monticello	CSU, Fresno	Santa Rosa Jr. College	UC Riverside Extension	Metropolitan State College of Denver
Website	http://prism.troy.edu/~geomatics/	www.enrgr.uaa.alaska.edu/programs/geomatics/	www.pc.maricopa.edu/	www.afrc.uamont.edu/sis		www.santarosa.edu	www.extension.ucr.edu	www.mscd.edu/~surd
Program contact	Dr. Steve Ramroop	Don Davis Jr., PLS, CP	John J. Rose, RLS	Dr. Robert Weih	James K. Crossfield	Jerald Miller, PLS	Jennifer Campbell	Dr. Herbert W. Stoughton
Contact's Title	Program Director	Professor and Department Chair	Adjunct Faculty/Survey Program Coordinator	Director, Spatial Information Systems	Chair	Program Coordinator	Program Coordinator	Head, Surveying and Mapping
Contact's Phone	334/670 5693	907/786-6433	602/506-4679	870/460-1248	559/278-4827	707/527-4376	951/827-1620	303/556-2508 or 303/721-1313
Year program instituted	1998	1971	2004	2000	1971	1965	1992	1976
Two-or four-year program	Four	Four-year, two-year, certificate	Two	Both	Four year program	Two-year	Certificate program	Four-year
Accreditation	Planned ABET	ABET/ASAC	[32]	None	ABET-EAC	None	Yes	North Central and ABET/ASAC
Surveying degrees offered	BS	BS Geomatics, AAS Geomatics, Certificate in GIS	39/61	AS, BS, MS	BS-Geomatics Engineering	Certificate/AS	Certificate in GPS	BS Surveying and Mapping
-Surveying credits required/Total credits required	47/127	BS 77/131; AAS 41/61; Certificate 32 total	15	54/124	64/126	29/45 Cert, 29/66 AS	21.5	71/129
Percentage of students with transfer credit?	30	Not tracked	Yes	1	75	100	<10	90%
-Is transfer of credits easily accomplished?	Yes	Yes	No	Yes	Yes	yes	Yes	Yes
-Do you have a credit exchange program with two-year colleges?	No	Pending	Yes	Yes	Yes	n/a	Yes	Yes
Are scholarships available to surveying students?	Yes	Yes	Partial/10	Yes	Yes	yes	No	Yes
-Number of scholarships available? (Partial/Full)	Variable/15	Three Geomatics scholarships [2]	Partial/4	8	95/0	60+		3/6-3/6
-Number of students currently on scholarship (Partial/Full)	Variable/13	Two [3]	Part Time: 105	4	65/0	75		1/5
Total number of surveying students? (Full-time/Part-time)	100/4	127	2	41	60/5	50 FT/20 PT		100+
Number of graduates in 2006?	12	7	6	9	14	24		5
Number of graduates in 2005?	10	11	0	10	13	22		5
Number of graduates in 2004?	10	10	8	5	11	16		4
Number of program graduates since program inception?	~60	171	Part-Time: 8	24	619	500+		80
Number of current surveying faculty? (Full-time/Part-time)	3 full time	3 FT; 6 PT	565	5	3/10	1 FT/6 PT	8 part-time	1/1
Cost of tuition and fees per credit hour: (\$)			\$65		~\$100/credit hour			
-In-state?	12-16 credit: \$2002	\$120, fees \$232 max	\$90	143	~\$100/credit hour	\$20	\$150	\$180/Per Credit Hour
-Out-of-state?	12-16 credit: \$4004	\$399, fees \$232 max		276	\$339/credit hour	\$177	same as above	\$180/Per Credit Hour
-Special (regional program)?	N/A		No	N/A	N/A	Fee waiver programs	International students	
Are co-op/internship programs available?	Yes	WUE (Western Undergraduate Exchange)	Yes	Yes	Yes	Yes	No	Yes
Are evening/weekend classes available?	Not at the moment	May qualify	No	General Education only	Yes	Yes	Yes	Yes
Are distance learning opportunities available?	Not at the moment	Yes	No	None	No	No	No	Yes
Are online courses available?	Not at the moment	Some	No	General Education only	No	No	Only for GIS	Yes
Are other off-site courses available?	Not at the moment	One web-based course: Elements of GIS		No	No	None	Not at this time	Some
Program area(s) of specialization	Surveying and Geomatics	One web-based course: Elements of GIS		Surveying	Boundary, Mapping, Geodesy	Surveying, Civil Engineering, GIS	GIS and GPS	Land Surveying
Do you offer other land information disciplines:	Yes	Yes, but not in Geomatics						
-GIS	Yes	Surveying, Geographic Information System	Yes	Yes	Yes	yes	Certificate	Yes
-Photogrammetry	Yes		Yes	Yes	Yes		Course	Yes
-Remote Sensing	Yes	Yes	No	Yes			Course	Yes
-Other	[1]	[31]	PLSS	Forestry, Wildlife				5 Certificate Programs

Numbers in brackets refer to notes on final page

2007 College and University Program Survey

STATE	COLORADO	FLORIDA	GEORGIA	IDAHO	ILLINOIS	KENTUCKY	MAINE	MICHIGAN
College/University	Westwood College - Denver North Campus	University of Florida	Southern Polytechnic State University	Idaho State University College of Technology	Parkland College	Western Kentucky University	University of Maine	Ferris State University
Website	www.westwood.edu	www.geomatics.ifas.ufl.edu/	www.spsu.edu	www.isu.edu/ctech	www.parkland.edu/est/surv/index.htm	www.wku.edu	www.umaine.edu/set/svt	www.ferris.edu/surveying
Program contact	Lynn Patten	Dr. Bon Dewitt	Matt Wilson	Rajendra Bajracharya, PhD, PLS	Todd W. Horton, PE, LSIT	Ron Gallagher	Raymond J. Hintz	Sayed Hashimi
Contact's Title	Lead Instructor of Surveying	Program Director	Professor & Program Coordinator	Program Coordinator	Program Director [4]	Assistant Professor	Professor, Program Coordinator	Department Chair
Contact's Phone	720/542-5844	352/392-9492	678/915-7261	208/282-5705	217/373-3785	270/745.2005	207/581-2189	231/591-2632
Year program instituted	Origin: Brinker School of Surveying	1973	1998	2000	2001	2004	2002	z
Two-or four-year program	Two-year (7 terms=17 months)	Four	Four	Four-Year	Two-year program	Four	4-year	Both
Accreditation	ACCSC	ABET-ASAC	ABET-ASAC	ABET-IAC	North Central Association	ABET in Civil Engineering	Visited Oct. 06 ABET/TAC	EAC/ABET BS only
Surveying degrees offered	AAS Surveying and Mapping	BS, MS, PhD	BS, Surveying and Mapping	BS - Geomatics Technology	Associate in Applied Science	Minor and Certificate	BS Surveying Engr. Technology	AAS/BS
-Surveying credits required/Total credits required	66/99 (term basis)	42/120	70/130	55/131	24 ch survey / 63 ch total	26 for Survey Minor; 136 for BSCE	126	75/136
Percentage of students with transfer credit?		75	30	20%	20%	1500%	30	~80 - 85
-Is transfer of credits easily accomplished?		Yes	Highly variable	Yes	Yes	Yes	Yes, articulation agreements exist	Yes
-Do you have a credit exchange program with two-year colleges?		Yes (Florida colleges)	No	In Process	Yes	Yes	Yes, articulation agreements exist	Transfers from 2 Yr Colleges accepted
Are scholarships available to surveying students?	ACSM, PLSC, CCPS, etc.	Yes	Yes	Yes	Yes	Yes	Yes	Yes
-Number of scholarships available? (Partial/Full)	All partial / no full	Variable. ~15 partial. ~5 full	6-Partial	6 program specific	6 partial	2 partial	10/1	17
-Number of students currently on scholarship (Partial/Full)		8 partial; 5 full	1/6	1	1	2 partial	60/1	17
Total number of surveying students? (Full-time/Part-time)	39 full-time	70	50/20	16/12	8 FT / 4 PT	32	55/5	118
Number of graduates in 2006?	8	21	4	2	2	11	10	21
Number of graduates in 2005?	16	19	5	3	5	6	2	17
Number of graduates in 2004?	18	11	4	5	3	3	Did not exist	25
Number of program graduates since program inception?	10-20 per year	370	50	14	11	20	14	817
Number of current surveying faculty? (Full-time/Part-time)	2/2	5	2	2 Full Time; 2 part time	1 FT / 2 PT	1 FT and 2 PT	3/2	5 full time / 1 adjunct
Cost of tuition and fees per credit hour: (\$)		(Undergrad)	Cost below for 12 hours or more					
-In-state?		\$111 (FL Residents)	1377	\$2095 for 8 credits or more	\$215	\$217	\$199	\$270.00 / \$14,420.00 year
-Out-of-state?		\$593	\$4,845	\$6230 for 8 credits or more	\$318	\$529	\$564	\$530.00 / \$21,860.00 year
-Special (regional program)?		N/A			\$77 district resident	Yes for TN, IN, IL, GA, FL residents	\$299 (other New England state)	
Are co-op/internship programs available?	No	Yes	Yes	No	Yes	Yes	Yes, through BLM	No
Are evening/weekend classes available?	General ed. only	No	Yes	Yes	[33]	Yes	Yes, through Eastern Maine C.C.	No
Are distance learning opportunities available?	No	Yes	No	Yes	No	In non-surveying courses	Some	No
Are online courses available?	General ed. only	Yes	No	No	[5]	In non-surveying courses	Some	GIS Certificate program
Are other off-site courses available?	No	Will be soon	No	Yes	No	No	If number of students exists	No
Program area(s) of specialization	None	N/A (general curriculum)	Land Surveying	Geomatics	None	Emphasis on KY metes & bounds	All	No
Do you offer other land information disciplines:	No							
-GIS	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes
-Photogrammetry	No	Yes		Yes	No	Yes	Yes	Yes
-Remote Sensing	No	Yes		No	No	Yes	Yes	Yes
-Other	None	Cadastral Systems		Geodesy, Cartography	No	Numerous Geog. Dept. Courses	Geodesy, law, business	

Numbers in brackets refer to notes on final page

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STATE	MICHIGAN	MINNESOTA	MONTANA	NEVADA	NEW BRUNSWICK	NEW JERSEY	NEW MEXICO	NEW YORK
College/University	Michigan Technological University	St. Cloud State University	Flathead Valley Community College	Great Basin College	University of New Brunswick	New Jersey Institute of Technology	New Mexico State University	Mohawk Valley Community College
Website	www.tech.mtu.edu	www.stcloudstate.edu/geog/	www.fvcc.edu/academics/surveying/surveying	www.gbcnv.edu/bas/	www.gge.unb.ca	http://web.njit.edu/surveying/	www.nmsu.edu/~survey	www.mvcc.edu
Program contact	Scott J. Amos	Ken Wong	David L. Dorsett, PLS	Jim Ellithorp	Dr. James M. Secord	Dr. Joshua Greenfeld	Dr. Steven Frank	Frank E. Przybycien, PE
Contact's Title	Dean	Associate Professor	Department Head	Program Coordinator	Director of Undergraduate Studies	Professor	Program Coordinator	Department Head
Contact's Phone	906/487-2259	320/308-3014	406/756-3913	775/753-2240	506/453 5150	973/596-5808	505/646-8171	315/792-5491
Year program instituted	1975	1995	1968	2004	1960	1989	1990	1972
Two- or four-year program	Four-year program	Four-year	2-year	Online Four-Year Program	Four	Four	Four-year	2-year
Accreditation	ABET-ASAC	ABET Applied Science	Mt Board of PE & LS	Regional	CCPE, CCLS, RICS	ABST/TAC	ABET EAC	ABET & Middle States
Surveying degrees offered	BS - Surveying Engineering	Bachelor of Science	AAS	Bachelor of Applied Science	BScE in Geomatics Engineering	BSET	Surveying Engineering	AAS
-Surveying credits required/Total credits required	SU cr req: 40 / Total req: 130	60/120	48 sem/68 sem	39/122.5 Semester Credits	160 ch	128	130	24/71
Percentage of students with transfer credit?	20%	75%	20%	97%	80%	95	43%	30
-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	N/A	Yes	Yes	Yes	Informally	Yes
Are scholarships available to surveying students?	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
-Number of scholarships available? (Partial/Full)	6	Full	10+/0	10/0	8/0	[6]	Partial 6 / Full 0	5-10 partial, no full
-Number of students currently on scholarship (Partial/Full)	To Be Announced	20	10+/0	2/0	8/0	12	Partial 3 / Full 0	Four
Total number of surveying students? (Full-time/Part-time)	59 Total	100	20/5	5/25	120	89	34/5	15 full-time, 5 part-time
Number of graduates in 2006?	15	22	12	0	21	9	4	3
Number of graduates in 2005?	15	7	5	Faculty Hired/Curriculum Set	21	10	4	4
Number of graduates in 2004?	20	11	13	Program Inception	9	10	8	4
Number of program graduates since program inception?	348	80	267	0	798	98	118	125
Number of current surveying faculty? (Full-time/Part-time)	3 Full-time	2	2/2	1/2	9/3	2/5	Full-time 3 / Part-time 1	5 full-time
Cost of tuition and fees per credit hour: (\$)				z				
-In-state?	\$275 (1 cr) + \$639 fees (est.)	\$168.17	120	\$57 Lower / \$83 Upper Division	Cdn\$ 140	516	\$176.25 hr / \$2,115 full-time	\$3100/year
-Out-of-state?	\$668 (1 cr) + \$639 fees (est.)	\$365.06	260	\$83 Lower / \$123 Upper Division		848	\$575.15 hr / \$6901.80 full-time	\$6200/year
-Special (regional program)?	N/A	Regional	80 (in county)	\$83 Lower / \$123 Upper Division		Yes, NYC metro area	WICHE - 1.5 times in-state	
Are co-op/internship programs available?	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes
Are evening/weekend classes available?	No	Yes	No	Yes	Occasionally	Yes	Occasionally	Yes
Are distance learning opportunities available?	Yes	Interactive TV	No	Yes, Degree Program Online	Occasionally	Yes	No	Some
Are online courses available?	Yes	No	No	Yes, Degree Program Online	Occasionally	No	No	Some
Are other off-site courses available?	No	Yes Interactive TV/web	No	Yes		Yes	Yes	No
Program area(s) of specialization	Surveying Engineering	Land Surveying	[17]	Land Surveying/Geomatics		Land Surveying	Boundary/Construction	Surveying, Civil Engineering, GIS
Do you offer other land information disciplines:	N/A	Yes			Land Surveying		No	[19]
-GIS		Yes	Yes	Yes	Ocean Mapping	Yes		Yes
-Photogrammetry		Yes	Yes	Yes	Land Management	Yes		Yes
-Remote Sensing		Yes	Yes	Yes	Geodesy	Yes		Yes
-Other			N/A		Geodetic Engineering			[20]

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STATE	NEW YORK	NORTH CAROLINA	NORTH CAROLINA	NORTH CAROLINA	OHIO	ONTARIO, CANADA	OREGON	OREGON
College/University	SUNY ESF Ranger School	North Carolina A&T State University	Central Piedmont Community College	Southwestern Community College	The University of Akron	Sir Sandford Fleming College	Oregon Institute of Technology	Oregon State University, Civil Engineering
Website	http://rangerscholl.esf.edu	www.eng.ncat.edu/dept/caae/	www.cpcc.edu	[7]	[10]	www.fleming.on.ca	www.oit.edu	www.ccee.oregonstate.edu
Program contact	Christopher Westbrook	Peggy Fersner or Jerry Nave	R. Thomas Page	Peter Messier, PLS, PE	Prof. Thomas (Mike) Besch	Lawrie Keillor-Faulkner	Jack Walker, PLS	Robert J. Schultz
Contact's Title	Director	Adj. Assoc. Professor/Asst. Professor	Instructor/Program Chair	Program Coordinator	Program Director	Coordinator [10]	Geomatics Department Chair	Prof. - Civil Engr.
Contact's Phone	315/848-2566	336/334-7737 ext 621 or 623	704/330-6578	800/447-4091 ext. 402	330/972-7059	705/324-9144 x3237	541/885-1511	541/737-4579
Year program instituted	Aug-05	2006	1990	Fall 2003	1996 (AAS) 1998 (BS)	[11]	1947	CE - 1907? Surveying part of CE
Two-or four-year program	2-year	Four-year	Two Year Program	Two-year	Both	Two	Four	Four
Accreditation		Tenative 2010	SACS	[8]	ABET/TAC	Ontario College Diploma	ASAC-ABET	CE program ABET/EAC
Surveying degrees offered	AAS Surveying Technology	Yes	AAS - Surveying Technology	AAS in Surveying Technology	AAS & BS	[12]	[16]	None - Civil Engr Degree
-Surveying credits required/Total credits required	22/78	63/128	25 Semester Hours/73 Semester Hours	44 / 71	35/68 (AAS) 66/136 (BS)	2-3 courses	[17]	4 in CE plus approx 20/180
Percentage of students with transfer credit?	100	25%	100	50	44	5	40	~20 in CE
-Is transfer of credits easily accomplished?	Yes	Yes	Yes	Yes	Yes	Medium	Yes	Yes
-Do you have a credit exchange program with two-year colleges?		Yes	Yes	Yes	Yes	N/A	Yes	Yes, in Oregon
Are scholarships available to surveying students?	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes, as CE students plus PLSO
-Number of scholarships available? (Partial/Full)	Various		3 for Full-Time Students	4 partial	6 Partial	Partial, 2-3	More than 40 / few	CE's 70 partial
-Number of students currently on scholarship (Partial/Full)	Various		None	11 partial	Varies 4 to 8		Estimated 60 / few	Unknown in surveying
Total number of surveying students? (Full-time/Part-time)	6	16/5	(10 / 22)	2 full-time / 20 part-time	68/62	50 FT	56 / 1	approx 10 - 15
Number of graduates in 2006?	14	N/A	9	7	24 (AAS 12, BS 12)	~23	10	Took FS exam 5 - 6
Number of graduates in 2005?	7	N/A	5	[34]	24 (AAS 10, BS 14)	~25	12	Took FS exam 4 - 5
Number of graduates in 2004?	10	N/A	6	[34]	28 (AAS 16, BS 12)	Cart Tech: 18	10	Took FS exam 4 - 5
Number of program graduates since program inception?	75	N/A	115	7	299 (AAS 222, BS 77)	[13]	More than 1,000	100 plus
Number of current surveying faculty? (Full-time/Part-time)	2 full-time / 1 part-time	3	(1 / 3)	1 full-time / 1 part-time	3 Full-time, 8 Part-time	3-4, 1 FT, rest PT	4 / 1	One and a half
Cost of tuition and fees per credit hour: (\$)						\$1,465.07 Can		
-In-state?	Tuition is \$4,350 per year	\$405.50	Tuition - \$ 39.50	\$40	\$230-279	N/A	\$130	~\$ 130/ term hour
-Out-of-state?	Tuition is \$10,300 per year	\$1,585.75	Tuition - \$ 219.50	\$220	\$521-587	N/A	\$350	~\$ 400/ term hour
-Special (regional program)?				N/A	See Akron Advantage *		\$195.00	None
Are co-op/internship programs available?	No	Yes	Yes	Yes	Yes / Required for BS	Post-grad	Yes	Yes CECOP Surveying
Are evening/weekend classes available?	No	Yes/No	Yes	Yes, our major emphasis	Yes	[14]	No	No, Surveying Workshops available
Are distance learning opportunities available?	No	Yes	No	Yes, in non-surveying courses	Yes, non-surveying courses	No	Yes, limited	No
Are online courses available?	No	Yes	Yes	[9]	Yes, non-surveying courses	No	No	No
Are other off-site courses available?	No	No	No	No	Yes	No	No	No
Program area(s) of specialization			None	Land Surveying	Land Surveying, Map Production	[14]	Broad curriculum - all disciplines	Control and Boundary
Do you offer other land information disciplines:						GIS		
-GIS		Yes	Yes	No	AAS & Certificate	Yes	Yes, GIS degree option	All sophomores take class
-Photogrammetry		Yes	Yes	No	Coursework	[15]	Yes	Senior elective
-Remote Sensing		Yes	Yes	No	Coursework	Some, minimal	Yes	No
-Other	Forestry			No		Surveying, Cartography	Boundary Law	

Numbers in brackets refer to notes on final page

2007 College and University Program Survey

STATE	OREGON	PENNSYLVANIA	TENNESSEE	TENNESSEE	TEXAS	TEXAS	TEXAS	WEST VIRGINIA
College/University	Oregon State Univ - Civil Engr.	Pennsylvania State University	Chattanooga State Technical Community College	East Tennessee State University	Texas A&M University-Corpus Christi	Tyler Junior College	The University of Texas at Tyler	Bluefield State College
Website	www.ccee.oregonstate.edu	www.wb.psu.edu/surveying	www.chattanoogaestate.edu	www.etsu.edu/sitech/entc/sams.htm	http://csd.tamucc.edu/gisc/	www.tjc.edu		bluefieldstate.edu
Program contact	Robert J. Schultz	Dr. Thomas A. Seybert	Duane Nickols	Dr. Keith V. Johnson	Dr. Stacey Lyle	Patti Williams	Dr. Mark Miller	Frank Hart
Contact's Title	Prof. - Civil Engr.	Associate Professor of Engineering	Associate Professor	Chair, Dept. of Technology & Geomatics	Assistant Professor	Instructor of Surveying	Professor	Dean, School of ET and CS
Contact's Phone	541/737-4579	570/675-9139	423/697-4723	423/439-7813	361/825-3712	903/510-2365	903/510-2365 or 903/566-7186	304/327-4280
Year program instituted	CE - 1907? Surveying part of CE	1956, 1994	1967	1960's; upgrade in 1987	1995	1956	2001	1967
Two-or four-year program	Four	Two-year, Four-year	Two-year	BS	4-year	2+2 with University of Texas at Tyler	2+2 with Tyler Junior College	Civil Engr. Technology
Accreditation	CE program ABET/EAC	TAC, EAC	ABET	ASAC/ ABET since 1994	ABET-Applied Science Program	[24]	[24]	ABET on Civil Engineering Technol.
Surveying degrees offered	None - Civil Engr Degree	[18]	[20]	BS in Surveying and Mapping Science	BS	AAS, Certificate	BS	No
-Surveying credits required/Total credits required	4 in CE plus approx 20/180	"30, 57"	8 hrs/65 hrs	[21]	72	71/40	71 hours	18/128
Percentage of students with transfer credit?	~20 in CE	~40		75-80	50	100% with AAS to Texas Public Colleges	100% with AAS	20
-Is transfer of credits easily accomplished?	Yes	Usually	Some classes transfer to a 4-year school	Yes, it is on an individual basis	Yes	with the AAS, not with certificate	with the AAS	Yes
-Do you have a credit exchange program with two-year colleges?	Yes, in Oregon	No	Transfer programs to 4-year schools	Yes with five schools in TN	Yes	Yes	Yes	No
Are scholarships available to surveying students?	Yes, as CE students plus PLSO	Yes	Yes	Yes	Yes	Yes	Yes	No
-Number of scholarships available? (Partial/Full)	CE's 70 partial	20	About 14, all majors	3 partial and 2 full	Numerous	10 partial	10 partial	
-Number of students currently on scholarship (Partial/Full)	Unknown in surveying	5	2	2 on partial; 2 on full	Unavailable	12 partial	12 partial	
Total number of surveying students? (Full-time/Part-time)	approx 10 - 15	64, 3	15 Fall/ 25 Spring	72 full/ 8 part time	16-Mar	88 full time	31/11	None declared
Number of graduates in 2006?	Took FS exam 5 - 6	12	5	11	9	14	15	
Number of graduates in 2005?	Took FS exam 4 - 5	9	2	11	13	16	7	
Number of graduates in 2004?	Took FS exam 4 - 5	22	4	10	14	15	5	
Number of program graduates since program inception?	100 plus	2-yr 650, 4-yr 110 (approximate)	~350	More than 165	102	766	31	
Number of current surveying faculty? (Full-time/Part-time)	One and a half	4 Full time, 3 part time	One full-time	2 full time faculty; current search for Faculty	4 Full 3 Part Time	2 full-time	2 part time	Not any one designated
Cost of tuition and fees per credit hour: (\$)						131		Not linear
-In-state?	~\$ 130/ term hour	\$5,775 per semester, \$464 per credit	\$95	\$238.00	255.75	163	12 hrs \$1324/18 hrs \$3940	Not linear
-Out-of-state?	~\$ 400/ term hour	\$8481 per semester, \$707 per credit	\$384	Additional \$421.00 = \$659.00	\$30.75	338	12 hrs \$1879/18 hrs \$6803	Not linear
-Special (regional program)?	None	No		[22]	No	Yes	yes, with La.	
Are co-op/internship programs available?	Yes CECOP Surveying	Informal internships	Yes	Yes; most students do one summer co-op	Yes	Yes	Yes	Yes
Are evening/weekend classes available?	No, Surveying Workshops available	No	Evening	Evening yes; weekend no	No	No	Yes	Yes
Are distance learning opportunities available?	No	Yes	Yes	A few courses	No	No	Yes	Some
Are online courses available?	No	Yes	Yes	A few courses	No	No	No	Some
Are other off-site courses available?	No	Yes	Yes	Through the 2 yr matriculation program	No	No	No	No
Program area(s) of specialization	Control and Boundary	[19]	[20]	[23]	Geomatics/GIS	Surveying	Surveying	
Do you offer other land information disciplines:								
-GIS	All sophomores take class	2 courses	Use GIS in surveying class	Yes	Yes	GIS	GIS	Yes
-Photogrammetry	Senior elective	2 courses	Cover in surveying class	Yes	Yes			No
-Remote Sensing	No	1 elective course	No	Yes	Yes			No
-Other			Cover in surveying class	Surveying business (21 cr)	Hydrography		Construction management	Mine surveying course

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2007 College and University Program Survey

STATE	WEST VIRGINIA	WISCONSIN	WYOMING	WYOMING
College/University	Glenville State College	Nicolet Area Technical College	Sheridan College	University of Wyoming
Website	www.glenville.edu	www.nicoletcollege.edu	www.sheridan.edu/programs/Surveytech.pdf	[28]
Program contact	Charles R. Sypolt	Devon Vanden Heuvel, Land Surveying Instructor	Jim Bennage	Rod Skaggs [29]
Contact's Title	Professor	715/365-4521	Dean of Ag and Tech Careers	Program Director - UW Surveying Outreach
Contact's Phone	304/462-4135	1974	800/913-9139 ex.3501	800/448-7801
Year program instituted	AS 1972, BS 2004	2	Spring, 2007	1991 - Certificate; 2007 - AAS Degree [30]
Two-or four-year program	Both	[25]	2 year AAS degree [26]	Certificate w/ 2 year AAS degree option [30]
Accreditation	[41]	AAS Land Surveying	North Central	Withing/Civil Engineering Curriculum
Surveying degrees offered	AS & BS	33/63	Associate of Applied Science	Certificate - AAS Degree [30]
-Surveying credits required/Total credits required	50/68 53/128	33	36/66 semester hours	24 semester credit hours for Certificate
Percentage of students with transfer credit?	25	Yes	Unknown	10
-Is transfer of credits easily accomplished?	Yes	Yes	Yes	Yes
-Do you have a credit exchange program with two-year colleges?	No	Yes	No	Yes
Are scholarships available to surveying students?	Yes	7/0	Yes	Yes
-Number of scholarships available? (Partial/Full)	4 partial, 0 full	6/0	[27]	[27]
-Number of students currently on scholarship (Partial/Full)	4 partial, 0 full	23/0	Unknown	Unknown
Total number of surveying students? (Full-time/Part-time)	26 full, 2 part	11	1/12	10/150
Number of graduates in 2006?	6	11	N/A	N/A
Number of graduates in 2005?	4	14	N/A	N/A
Number of graduates in 2004?	4	298	N/A	N/A
Number of program graduates since program inception?	261	1/2	N/A	N/A
Number of current surveying faculty? (Full-time/Part-time)	2 full-time		1/2	1 F.T./3-4 P.T.
Cost of tuition and fees per credit hour: (\$)		103		\$196/semester credit hour
-In-state?	151.17	300	\$79	\$196/semester credit hour
-Out-of-state?	360		197	\$196/semester credit hour
-Special (regional program)?		Yes	WUE, \$109	
Are co-op/internship programs available?	Yes	No	Possible	Possible
Are evening/weekend classes available?	Yes	No	Yes	ALL classes are evening classes
Are distance learning opportunities available?	No	No	Yes	ALL classes are distance courses
Are online courses available?	No	No	Online enhanced classes	ALL classes are online enhanced
Are other off-site courses available?	No	Land Surveying	ALL courses are available off-site	ALL classes are available off-site
Program area(s) of specialization	Retracement		Specialize in legal aspects of surveying	Specialize in legal aspects of surveying
Do you offer other land information disciplines:	No	No	None	None
-GIS		No	None	None
-Photogrammetry		No	None	None
-Remote Sensing		No	None	None
-Other			None	None

Numbers in brackets refer to notes on final page

2007 College and University Program Notes

- Geodesy, Land Development, Geodetic Surveys, Hydrology, Land Law, Boundary Retracement, Least Squares Adjustments.
- Tuition waivers available.
- Tuition waiver for 29 students in prior semesters.
- Construction Design and Management.
- General education classes available online.
- Depends on the number of applications.
- www.southwesterncc.edu/acadprog/srv.htm
- Not yet; not eligible to apply until after first graduating class.
- Yes, a boundary law course and many non-surveying courses.
- Geomatics Technician Program.
- GIS mid-late '80s; Cart Tech mid-'70s; Geomatics Technician 2003.
- Non-degree granting inst.: surveying is 1/3-1/4 of curriculum.
- 2,000 people have graduated from the Geomatics Programs at Fleming College since 1975.
- Fleming Training Services: www.flemingc.on.ca/Training/.
- Extensively; internationally famous: www.flemingc.on.ca/Full-time/ProgramDisplay.cfm?ProgramCode=GIA.
- BS Geomatics with a Surveying Option and GIS Option.
- 67 GIS Option, 82 Surveying Option / 180 GIS Option, 184 Surveying Option - quarter credits.
- Surveying Technology/Surveying Engineering.
- GIS, Photogrammetry, Land development, Boundary, Least squares adjustments.
- Civil & Construction Engineering Technology concentration.
- 75 surveying/ 23 math & science / 128 total semester hours.
- Academic Common Market with six states; VA, WV, KY, AL, SC, MS.
- Traditional Land Surveying; Subdivision design; GIS; Surveying business.
- Southern Association of Colleges & Schools.
- North Central Association of Colleges and Schools/HLC.
- This two-year degree is offered in cooperation with University of Wyoming Surveying Outreach Program. Contact either institution for more information. Program is intended for study nationwide through distance learning mediums.
- Unknown often offered locally in students' area.
- http://outreach.uwyo.edu/ocp/landsurveying.asp
- Contact outreach@uwyo.edu for general information.
- This two-year degree is offered in cooperation with University of Wyoming Surveying Outreach Program. Contact either institution for more information. Program is intended for study nationwide through distance learning mediums.
- Geodesy, Global Positioning Systems.
- Higher Learning Commission (HLC) - part of the North Central Association of Colleges and Schools (NCA).
- 50% of core classes are available during evenings/weekends.
- Zero (program started in fall 2003), first graduates in fall 2006.