

Class of 2004

Surveying Campus

STATE	ALABAMA	ALABAMA	ALASKA	CALIFORNIA	CALIFORNIA	CALIFORNIA	CALIFORNIA	COLORADO
COLLEGE/UNIVERSITY	Jacksonville State University	Troy University	University of Alaska-Anchorage	California State Polytechnic University, Pomona	Santa Rosa Junior College	University of California-Riverside Extension	University of California-Riverside Extension	Metropolitan State College of Denver
Website	www.jsu.edu	http://spectrum.troy.edu/~elithorp	www.eng.uaa.alaska.edu/soe/Geomatics/default.htm	www.csupomona.edu/%7Ece/surveying/surveying.htm	www.santarosa.edu/certificates	www.ucextension.net	www.ucextension.net	www.mscd.edu
Program contact	Dr. Miriam Hill	Dr. James Elithorp	Don Davis Jr., PLS, CP	Dr. Howard Turner, PLS	Jerry Miller, PLS	Jason Wilbur	Jason Wilbur	Herbert Stoughton, PLS, PE, CP, PhD
Contact's Title	Associate Professor	Geomatics Program Coordinator	Professor and Department Chair	Professor	Program Coordinator	Program Representative	Program Representative	Program Head
Contact's Phone		334/670-5619	907/786-6433	909/869-2645	707/527-4376	909/787-5804	909/787-5804	303/556-2508, 307/632-7460
Year program instituted	MPA 2001	1998	1971	1984	1968	1993	2001	1976
Two-or four-year program	Four-year	Four-year	Both and certificate	Four-year	Two-year	One-year certificate	One-year certificate	Four-year
Accreditation	[1]	None	ABET/ASAC	ABET/EAC	None	[16]	[16]	[98]
Surveying degrees offered		BS Geomatics	[4]	BS Civil Engineering [11]	[13]	GIS certificate	GPS Technology certificate	Surveying and Mapping
-Surveying credits required/Total credits required		47/127	[5]	52/202 quarter units	45/60	24	20	129
Percentage of students with transfer credit?		90%	Unknown	10%	10%	10%		90%
-Is transfer of credits easily accomplished?		Yes	Yes	Yes	Yes	Yes	No	Yes
-Do you have a credit exchange program with two-year colleges?		Yes [2]	Pending	Yes	Yes	Yes	No	Yes
Are scholarships available to surveying students?		Yes	Yes	Yes	Yes [14]	No	No	Yes
-Number of scholarships available? (Partial/Full)		Variable	[6]	10	20/0	N/A	N/A	Varies
-Number of students currently on scholarship (Partial/Full)		0/12	[7]	10	20/0	N/A	N/A	
Total number of surveying students? (Full-time/Part-time)		60/0	120 active students	40/10	49/12	0/300	0/25	150+ declared majors
Number of graduates in 2003?		10	8	7	11	29	8	5
Number of graduates in 2002?		10	9	8	5	34	1	5
Number of graduates in 2001?		11	5	6	8	25		3-4
Number of program graduates since program inception?		47	98 graduates since 1991	Approx. 120	300+	188	9	About 55
Number of current surveying faculty? (Full-time/Part-time)		2/3	3/6	3	1/3	0/25	0/9	1/2
Cost of tuition and fees per credit hour: (\$)								[99]
-In-state?		\$132 [3]		\$524 per quarter	\$18/unit	~\$4500	~\$3500	
-Out-of-state?		\$250 [3]	\$106, fees \$227 max.	\$188 per unit	\$177/unit	Same	Same	
-Special (regional program)?		N/A	\$336, fees \$227 max.	None	None	[17]	N/A	
Are co-op/internship programs available?		Yes	[8]	No	Yes	Yes	No	Yes
Are evening/weekend classes available?		No	Yes	Yes	Yes	Yes	Yes	Yes
Are distance learning opportunities available?	Yes	No	Some	No	No	Yes	No	Yes [100]
Are online courses available?	Yes	No	[9]	No	No	Yes	No	No
Are other off-site courses available?		No		No	No	Yes	No	No
Program area(s) of specialization	Spatial analysis, management	Geomatics	[10]	Boundary surveying	[15]	GIS	GPS	
Do you offer other land information disciplines:			Surveying					
-GIS	Yes	Yes	Yes	Yes	Yes	Yes		Yes
-Photogrammetry		Yes	Yes	Yes	Yes	Yes		Yes
-Remote Sensing	Yes	Yes	Yes	Yes, in GIS Minor	No	Yes		Yes
-Other			Geodesy and GPS	[12]		GPS, cartography		[101]

Class of 2004

Surveying Campus

STATE	COLORADO	FLORIDA	GEORGIA	ILLINOIS	ILLINOIS	INDIANA	KENTUCKY	MAINE	MASSACHUSETTS
COLLEGE/UNIVERSITY	Westwood College	University of Florida	Southern Polytechnic State University	Parkland College	Southern Illinois University at Carbondale	Purdue University	Big Sandy Community & Technical College	University of Maine	Clark University
Website	www.westwood.edu	www.surv.ufl.edu	www.spsu.edu	http://virtual.parkland.edu/construction/survey.htm	http://civil.engr.siu.edu/civil/home.htm	www.ecn.purdue.edu/Geomatics/	www.bigsandy.kctcs.edu	www.umaine.edu/set/svt	www.clarku.edu/departments/dice
Program contact	Lynn Patten	Dr. Bon A. Dewitt	Matt Wilson	Todd W. Horton, PE, LSIT	Roy Frank Jr., PLS	Steven D. Johnson	Chris Daniel	Raymond J. Hint	Prof. Eugenio Marciano
Contact's Title	Lead Instructor of Surveying	Geomatics Program Director	Associate Professor, Program Coordinator	Program Director [102]	Assistant Professor	Associate Professor	Assistant Professor	Associate Professor	Acting GISDE Coordinator
Contact's Phone	720/542-5844	352/392-9492	770/528-7261	217/373-3785	618/453-7830	765/494-0786	606/788-2934	207/581-2189	508/421-3805
Year program instituted	Revised in 1987 & 2002	1973	1949	2001	1994	1973	2001	2003	1995
Two-or four-year program	Two-year	Four-year	Four-year	Two-year	Four-year	Four-year	Two-year	Four-year	3 or 4 semesters
Accreditation	ACCSCCT	ABET/TAC	[97]	North Central Association	ABET	ABET/EAC	[24]	Applying for in fall 2004	Yes
Surveying degrees offered	AAS Surveying and Mapping	BS, MS, PhD		AAS	[18]	Land Surveying Engineering	AAS	BS Surveying Engineering Technology	[104]
-Surveying credits required/Total credits required	66/90 (term basis)	49/120	130	24/63	[19]	41/136	27/61	53/126	
Percentage of students with transfer credit?		90%	40%	15%	40-45%	Unknown	N/A	60%	0
-Is transfer of credits easily accomplished?		Yes	Yes	Yes	Yes	Yes	N/A	Yes	[33]
-Do you have a credit exchange program with two-year colleges?		Yes, with Florida colleges		Yes	Yes	Yes	N/A	Yes, 17 community colleges	None
Are scholarships available to surveying students?	ACSM, PLSC, CCPS, etc.	Yes		Yes	Yes	Yes	Yes	Yes	General fellowships available
-Number of scholarships available? (Partial/Full)	All partial/no full	5/7	5/0	2/0	[20]	3/0	5/0	31/0	11 partial
-Number of students currently on scholarship (Partial/Full)		5/7	5/0	0	1/5	5/0	0/0	31/0	10/1
Total number of surveying students? (Full-time/Part-time)	25/0	48/2	53	7/1	45/60	45/2	6	35/0	0
Number of graduates in 2003?	7	9	12	1	36	15	[25]	2 in 2004 [29]	10
Number of graduates in 2002?	7	11	12	0	24	7	[26]	[29]	14
Number of graduates in 2001?	5	8	10	0	18	15	[27]	[29]	10
Number of program graduates since program inception?	10-20 per year	258		3		354	[28]	2	Average 10/year
Number of current surveying faculty? (Full-time/Part-time)	2/0	4/0	2/1	1/2	1/0	5/1	1/0	1/3	4 full-time GIS faculty
Cost of tuition and fees per credit hour: (\$)					See university catalog				\$3,500
-In-state?		\$93	\$97	\$217		[21]	\$87	\$157	Same
-Out-of-state?		\$460	\$386	\$278		[22]	\$261	\$447	Same
-Special (regional program)?		N/A	Common Education Market	\$67 in district		None	\$105	[30]	Same
Are co-op/internship programs available?	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Internships with local agencies
Are evening/weekend classes available?	General Ed. only	No	Yes	Yes	Yes	No	No	[31]	None
Are distance learning opportunities available?	No	Some	No	No	No	Occasionally	Yes	Yes	None
Are online courses available?	General Ed. only	One course available	No	No	No	No	Yes	Yes	None
Are other off-site courses available?	No	No	No	No	Yes	No	No	[31]	None
Program area(s) of specialization	None	N/A (general curriculum)	Land surveying	[103]		[23]	Boundary & construction	[32]	GIS
Do you offer other land information disciplines:									
-GIS	No	Yes	Yes	Yes	Yes, through Geography Department	Yes	Limited	Yes	Yes, master's program
-Photogrammetry	No	Yes		No	Yes, CE Course	Yes		Yes	None
-Remote Sensing	No	Yes		No	Yes, through Forestry Department	Yes		Yes	Yes
-Other	None			No					None

Class of 2004

Surveying Campus

STATE	MICHIGAN	MICHIGAN	MINNESOTA	MONTANA	NEW BRUNSWICK, CANADA	NEW HAMPSHIRE	NEW JERSEY	NEW MEXICO
COLLEGE/UNIVERSITY	Michigan Technological University	Ferris State University	St. Cloud State University	Flathead Valley Community College	University of New Brunswick	New Hampshire Technical College	Essex County College	New Mexico State University
Website	www.mtu.edu	www.ferris.edu/cot/surveying	www.stcloudstate.edu/~geog/	www.fvcc.edu/academics/surveying/surveying	http://gge.unb.ca	www.nhctcs.nhctc.edu/berllaco.html	www.essex.edu	www.nmsu.edu/~survey
Program contact	Jerry D. Taylor	Sayed R. Hashimi	Ken Wong	David L. Dorsett, PLS	Dr. James M. Secord	David Carlisle	John Gribbin	Steven Frank
Contact's Title	Program Coordinator	Department Chair	Director of Land Surveying	Department Head/Instructor	Director of Undergraduate Studies in Geomatics Engineering	Professor	Associate Professor	Department Head
Contact's Phone	906/487-2445	231/591-2845	320/308-3014	406/756-3913	506/453-5150	603/752-1113	973/877-3454	505/646-5375
Year program instituted	1978	AAS 1958, BS 1972	1995	1968	1960	1975	1994	1990
Two-or four-year program	Four-year	Both	Four-year	Two-year	Four-year	Two-year	Two-year	Four-year
Accreditation	ABET/ASAC	ABET/EAC	No	[48]	[52]	Yes	ABET	ABET/EAC
Surveying degrees offered	BS Surveying	Surveying Engineering	BS	AAS	[53]	AS	AAS	Surveying Engineering
-Surveying credits required/Total credits required	44/130	79/137 [34]	27/58 in Land Survey major	48/68	180	24/65	65	129
Percentage of students with transfer credit?	Approx. 50%	30-40% estimated	100%	N/A	65%	60%	20%	25-35%
-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?	[39]	Yes	Yes, articulation	N/A	Yes, with several	Yes	Yes	Yes
Are scholarships available to surveying students?	Yes	Yes, 2004 awards \$26,000+	Yes	Yes	Yes	Yes	No	Yes
-Number of scholarships available? (Partial/Full)	[40]	20± partial	Total \$23,000	[49]	11/1	0/6		5
-Number of students currently on scholarship (Partial/Full)	[41]	15/0 estimated		10/0	11/1	0/3		1/4
Total number of surveying students? (Full-time/Part-time)	42/10 estimated	99	85	25/5	90/2	10/16	1/5	1/30
Number of graduates in 2003?	15	25 (22 BSSE, 3 AAS)	12	5	12	12	0	10
Number of graduates in 2002?	9 estimated	14 (11 BSSE, 2 AAS)	8	11	23	8	0	7
Number of graduates in 2001?	10 estimated	16 (15 BSSE, 1 AAS)	4	5	14	12	1	9
Number of program graduates since program inception?	350 estimated	[35]	45	270	750		2	109
Number of current surveying faculty? (Full-time/Part-time)	3/0	[36]	1/0	2/2	9/3	1/2	2	3/0
Cost of tuition and fees per credit hour: (\$)								
-In-state?	\$227	\$250 resident, \$500 non-resident	\$145	\$113	Canadian: \$110+ CDN	\$133	\$77	\$1686 per semester
-Out-of-state?	\$590	\$3022/semester	\$270	\$253	International: \$205+ CDN	\$306	\$155	\$5625 per semester
-Special (regional program)?	[42]	\$6044/semester	Yes [47]	[50]	N/A	\$200 (New England)		WICHE (1.5 times in-state)
Are co-op/internship programs available?	Yes		No	No	Yes	Yes	Yes	Yes
Are evening/weekend classes available?	[43]	Available but not required	Yes	No	No	Yes	Yes	Occasionally
Are distance learning opportunities available?	Yes	No	No	No	Yes	Yes	No	No
Are online courses available?	[44]	No	No	No	Yes	No	No	Yes
Are other off-site courses available?	No	[37]	Yes, interactive TV in-state	No	No	Yes	No	No
Program area(s) of specialization	[45]	No	Surveying	[51]	[54]	GPS, GIS		Land surveying
Do you offer other land information disciplines:	[46]	Surveying engineering						
-GIS		Yes	Yes	Yes	Yes	Yes		No
-Photogrammetry		[38]	No	Yes	Yes	Yes		No
-Remote Sensing		2 courses in BS Surveying	Yes	Yes	Yes	Yes		No
-Other		1 course in BS Surveying	Cartography		[55]			

Class of 2004

Surveying Campus

STATE	NEW YORK	NEW YORK	NEW YORK	OHIO	OHIO	OHIO	OREGON	OREGON
COLLEGE/UNIVERSITY	Alfred State College	Paul Smith's College	State University of New York Ranger School	Cincinnati State Technical & Community College	Columbus State Community College	The University of Akron	Oregon Institute of Technology	Oregon State University
Website	www.alfredstate.edu	www.paulsmiths.edu	http://rangerschool.esf.edu	http://CincinnatiState.edu	www.cscs.edu	www.commtech.uakron.edu/	www.oit.edu	http://ccee.oregonstate.edu
Program contact	Jeff Marshall	Dr. Jim Allen	Christopher L. Westbrook	James Decker, PS	Dallas P. Morlan, PLS	Prof. Thomas (Mike) Besch	Jack Walker, PLS	Robert J. Schult
Contact's Title	Department Chair	[56]	Director	Instructor	Instructor	Program Director	Professor of Geomatics	Professor of Civil Engineering
Contact's Phone	607/587-4616	518/327-6236	315/848-2566	513/569-1757	614/287-3693	330/972-7059	541/885-1511	541/737-4579
Year program instituted	1952	1967 [57], 1993 [58]	1995	1968	1968 [61], 1978 [62]	AAS 1996, BS 1998	1947	1907
Two-or four-year program	Both	Two-year	Two-year	Two-year	Two-year [63]	Both	Four-year	Four-year
Accreditation	ABET/TAC	ABET/TAC	None	ABET/TAC	[64]	ABET/TAC	ABET/ASAC	ABET/EAC + 16 Hr Surveying
Surveying degrees offered	BS and AAS	AAS Surveying Technology	AAS [60]	AAS		AAS & BS	BS Geomatics	None
-Surveying credits required/Total credits required	53 for the BS	36/74	18/78	42/119	[65]	[69]	57/188 quarter credits	23/4
Percentage of students with transfer credit?	15%	5%	100%	20%	<10%	43%	40%	50%
-Is transfer of credits easily accomplished?	Yes	Yes	Yes	Yes	Yes [66]	Yes	Yes	No
-Do you have a credit exchange program with two-year colleges?	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No
Are scholarships available to surveying students?	Yes	Yes	Yes	Yes	Yes [67]	Yes	Yes	Yes
-Number of scholarships available? (Partial/Full)		[59]	4+ (partial)	5/0	Varies	Partial: 1 local, 4 state	40+/few	90 partial
-Number of students currently on scholarship (Partial/Full)		5/0			Varies	[70]	60% (estimated)/few	90 partial
Total number of surveying students? (Full-time/Part-time)	50	45/0	7	12/34	20/23	[71]	45/1	1/15
Number of graduates in 2003?	10	20	10	13	18	12 (AAS 6, BS 6)	10	5
Number of graduates in 2002?	11	24	3	13	17	13 (AAS 4, BS 9)	14	5
Number of graduates in 2001?	10	22	6	11	19	19 (AAS 8, BS 11)	15	5
Number of program graduates since program inception?		N/A	67	520	170+	233 (AAS 184, BS 49)	1,000	
Number of current surveying faculty? (Full-time/Part-time)	2/2	2/2	1/3	3/3	2/5	3/8	3/0	2/0
Cost of tuition and fees per credit hour: (\$)		Approx. \$445						
-In-state?	±\$140	Approx. \$445	\$2175 per semester	\$71	\$73	\$206	\$93	\$85/credit hour/term
-Out-of-state?	±\$286	Approx. \$445	\$5150 per semester	\$143	\$161	\$465	\$348	\$300/credit hour/term
-Special (regional program)?		Approx. \$445		In-state	International \$194	No	\$140	None
Are co-op/internship programs available?	No	Yes	No	Yes	Yes	Yes	Yes	Yes
Are evening/weekend classes available?	No	No	No	Yes, evening	Yes	Yes	No	No
Are distance learning opportunities available?	Not currently	No	No	No	No	No	Yes, limited	No
Are online courses available?	Not currently	No	No	Yes, limited availability	No	No	No	No
Are other off-site courses available?	No	No	No	No	Yes, non-surveying core	Yes [72]	No	No
Program area(s) of specialization	None	None		Boundary, mapping, GIS		Land surveying	Broad curriculum, all disciplines	[75]
Do you offer other land information disciplines:								
-GIS	Yes	Yes			Yes [68]	[73]	Yes	3 credit term course
-Photogrammetry	Yes	No				Some courses only	Yes	3 credit term course
-Remote Sensing		No				Some courses only	Yes	See GeoSciences
-Other		No				[74]	N/A	See GeoSciences

Class of 2004

Surveying Campus

STATE	PENNSYLVANIA	TENNESSEE	TENNESSEE	TEXAS	WASHINGTON	WEST VIRGINIA	WISCONSIN	WYOMING
COLLEGE/UNIVERSITY	Penn State Wilkes-Barre	Chattanooga State Technical Community College	East Tennessee State University	Texas A&M University-Corpus Christi	Renton Technical College	Glennville State College	Nicolet Area Technical College	University of Wyoming
Website	www.wb.psu.edu	www.chattanoogastate.edu/engineering/encivil.asp	www.etsu.edu/geomatics	http://gisc.tamucc.edu	www.renton-tc.ctc.edu	www.glennville.edu	www.nicoletcollege.edu	http://outreach.uwoyo.edu/occ
Program contact	Dr. Charles D. Ghilani	Duane Nickols	Dr. Marian M. Clark, PLS	Dr. Gary Jeffress, RPLS	Martin Paquette, PLS & Jim Coan, PLS	Charles R. Sypolt	Devon VandenHeuvel	Rod Skaggs
Contact's Title	Professor of Engineering	Associate Professor	Coordinator for Surveying & Mapping Science	Professor	Instructor	Professor	Program Manager	Program Director
Contact's Phone	570/675-9127	423/697-4723	423/439-7656	361/825-2720	425/235-2338	304/462-4135	715/365-4521	800/448-7801
Year program instituted	AS 1952, BS 1994	1960s	[80]	1995	1990	1972	1974	1991
Two-or four-year program	Both	Two-year	[81]	Four-year	Two-year	Both	Two-year	Certificate
Accreditation	[76]	ABET	ABET/ASAC for BS	ABET/ASAC	Regional	[94]	Higher Learning Commission	[95]
Surveying degrees offered	[77]	Civil Engineering Technology	BS	BS	AAS	AS & BS	AAS Land Surveying	
-Surveying credits required/Total credits required	[78]	8/65 semester hours	128 semester credits	139	90/151	50/68 53/128	33/68	24 semester credit hours
Percentage of students with transfer credit?		About 60%	75%	25%	10%	25%	50%	5%
-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?	Some credits are accepted	With four universities	Yes [82]	Yes	Yes	No	Yes	No, AS in progress
Are scholarships available to surveying students?	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No
-Number of scholarships available? (Partial/Full)	Varies from year to year	18/0	[83]	Numerous	5+ partial	6/0	70/0	
-Number of students currently on scholarship (Partial/Full)	Varies from year to year	Unknown	[84]	Numerous	4 partial	3/0	4/0	
Total number of surveying students? (Full-time/Part-time)	Approx. 42	20-25/±5	50/10	74/0	50	25/5	27	0/130
Number of graduates in 2003?		4/5	13 [85]	18		2	10	11
Number of graduates in 2002?		4/5	13 [85]	14		5	8	4
Number of graduates in 2001?		4/5	13 [86]	10		3	10	11
Number of program graduates since program inception?	[79]	Unknown	175+	62	210	249	262	34
Number of current surveying faculty? (Full-time/Part-time)	5	1/1	3/0	4/4	2/1		1/3	1/2
Cost of tuition and fees per credit hour: (\$)								
-In-state?	\$344	\$78	\$186 [87-88]	\$143	\$38	\$113	\$103	\$182
-Out-of-state?	\$548	\$314	\$530 [88]	\$400		\$270	\$300	\$182
-Special (regional program)?			[89]	No				
Are co-op/internship programs available?		Yes	Yes	Yes	Yes	Yes	Yes	No
Are evening/weekend classes available?		Yes, evening	Yes, evening	Some evening classes	No	Yes	No	Yes
Are distance learning opportunities available?		Yes	Selected courses only	No	No	No	No	Yes
Are online courses available?	Yes	Yes	No	No	No	No	No	Yes
Are other off-site courses available?		Yes	[90]	No	No	No	No	Yes
Program area(s) of specialization		Civil engineering technology	[91]	Geomatics/GIS	Professional career track	Land surveying	Land surveying	[96]
Do you offer other land information disciplines:					Individual courses only		No	
-GIS		Covered in surveying	Yes	Yes		Land surveying/GIS certificate	No	
-Photogrammetry		Covered in surveying	Yes	Yes			No	
-Remote Sensing		Not covered	Yes	Yes			No	
-Other			[92]	Yes [93]			No	

Class of 2004 College Survey Notes

Surveying Campus

1. Commission on Colleges of the Southern Association of Colleges and Schools
2. Through Alabama Articulation Program (STARS)
3. Based on 15 hour course load; as published in 2003-04 Undergraduate Bulletin.
4. BS Geomatics, AAS Geomatics, Certificate in GIS
5. BS 77/131; AAS 41/61; Certificate 32 total
6. Three geomatics scholarships plus tuition waivers available.
7. Two plus partial tuition waivers for 6 students in the prior year.
8. Western Undergraduate Exchange (WUE) may qualify.
9. One web-based course available: Elements of GIS.
10. Yes, but not in Geomatics.
11. With emphasis in Geospatial Engineering.
12. GPS, Animation and Visualization, Subdivision Design.
13. Certificate of Completion and/or AS.
14. There is also a local scholarship for all students ranging between \$500 and \$200 per year for a max of 3 years.
15. Civil Engineering, Land Surveying, and Mapping-GIS Technology.
16. Western Association of Schools and Colleges (WASC)
17. \$4500 for GIS Summer School.
18. Surveying within the Civil Engineering Department; Certificate planned for 2005.
19. 24 semester hours required/27 hours offered
20. 5 full-time; 1 part-time through IPLSA
21. Part-time \$210 per credit hour; full-time \$2,930 per semester.
22. Part-time \$586 per credit hour; full-time \$8,820 per semester.
23. Land Surveying, Land Development, Geomatics.
24. Southern Association of Colleges and Schools
25. 3 AAS, 8 diploma/certificate
26. 4 AAS, 6 diploma/certificate
27. 2 AAS, 2 diploma/certificate
28. 9 AAS, 16 diploma/certificate
29. Did not exist till fall 2003.
30. For New England residents not from Maine: in-state+50%
31. At request, 12 students per class minimum.
32. Law, engineering, photogrammetry, GIS, business, construction, entrepreneurial.
33. Transfer credit for 2 graduate courses
34. Includes civil engineering course (soils, hydraulics, hydrology, statics, etc.)
35. 500+ BS, 200+ AAS estimated
36. 6 (5 tenure track, 1 adjunct) includes department chair.
37. No, only a certificate in GIS.
38. Certificate (2 courses) online; also 2 courses in BS Surveying.
39. Articulation agreements exist with several schools.
40. 5 limited to surveying majors - dozens open to all students.
41. Nearly all students receive some form of financial aid.
42. Distance learning tuition is \$350 per credit hour.
43. Yes, but only via distance learning.
44. Courses have an online component, but are not asynchronous.
45. General surveying with no specialty area emphasized.
46. Individual courses only; no special certificates.
47. \$145 per credit includes neighboring states.
48. Montana Board of Professional Engineers & Professional Land Surveyors, Northwest Association of Schools & Colleges
49. Variable, 2-10 from Mt Asso of Reg Land Surveyors and FVCC.
50. \$76.50 in-district (Flathead or Lincoln Counties).
51. Legal principles associated with boundary surveying, GIS, computer hardware & software issues.
52. Canadian Council of Professional Engineers, Canadian Council of Land Surveyors
53. BScE in Geomatics Engineering; also MEng, MScE, PhD
54. Cadastral surveying, hydrographic surveying.
55. Precision surveying and metrology, geodesy, land administration.
56. Dean, Division of Forestry, Natural Resources and Recreation.
57. As an option in Forestry.
58. As a stand-alone surveying program.
59. 2 (partial) in-house, 3 (partial) from the local surveying community
60. In Forest Technology with concentration in surveying.
61. AS Civil
62. Surveying Certificate
63. Civil Engineering Associate of Science and Surveying Certificate Programs. Technical Courses of Certificate Program are recognized, by Ohio State Board of Registration for Professional Engineers and Surveyors, as meeting Professional Surveyor Registration requirements of Ohio Revised Code § 4733.11 (B)(2) for a Bachelor of Science Civil Engineering plus 24 quarter hours of surveying course work.
64. North Central Association of Colleges and Schools, Higher Learning Commission
65. AS 21/109, Certificate 21/54. Does not include available technical elective course Advanced Surveying Systems (SURV248, 4 Cr. Hr.). Course content includes EDM baseline techniques, GPS and conventional electronic data collection.
66. Transfer to 4 year programs: The Ohio State University see <http://geomatics.eng.ohio-state.edu/geomatics/transfer.html> Michigan Technological University Surveying Program, please contact MTU. Articulation agreement with University of Akron Surveying Program pending.
67. Professional surveying societies in several states have provided applications for residents of their respective states. Columbus State cooperates with such organizations to further surveying education.
68. GIS Associate of Science and Certificate programs. GIS Certificate Program may be completed online. GIS contact: Michael Rock 614-287-2409, E-mail: mrock01@csc.edu.
69. AAS-68 credit hours; BS-68 additional credit hours. The AAS degree program is the first two years of the baccalaureate program. Total credits = 136.
70. Partial: 2 local, 3 state, 1 national.
71. Full-time/part-time: AAS 47/44; BS: 15/25
72. The B.S. in Surveying & Mapping degree program is also offered at Lorain County Community College in Elyria, Ohio.
73. AAS Geographic & Land Information Systems (GIS/LIS).
74. We also offer two certificate programs; the certificate program in Surveying Technology, and the certificate program in Geographic and Land Information Systems.
75. Property, construction and subdivisions.
76. ABET/ASAC for BS, ABET/TAC for AET.
77. AET Surveying Technology, BS.
78. Four-year surveying: 130 credits; two-year surveying technology: 67 credits.
79. 57 BS Surveying grads since 1995; 233 AET Surveying Technology grads since 1985.
80. Early 1960s, upgrade in 1987, ABET since 1994
81. Four-year BS; MS Geoscience/Technology
82. With six schools in Tennessee.
83. Three partial from ETSU; others from various professional state organizations.
84. Three partial from ETSU and one from state society.
85. Some are 2nd degree students, 2 were only 36 hrs as required by Tennessee law.
86. Some are 2nd degree students.
87. Full-time is 12 credit hours for \$2232 in-state; up to 19 credits can be taken for this price.
88. Current fees, potential increase in fall 2004.
89. ACM (Academic Common Market) with 8 southern region states waives out of state fees.
90. Pilot study with 2-way video at some two-year schools in spring 2005.
91. Traditional PLS, GIS, surveying business owners.
92. Hydrology; business management and marketing.
93. Geodetic science and cartography.
94. Approved West Virginia Board of Examiners.
95. None available for certificate program
96. Legal: 17 hours; technical: 14 hours.
97. Civil Engineering Technology - ABET, Surveying - under review with ABET, School - SACS.
98. ABET accreditation visit fall 2003.
99. Contact the program chair or Susan Call at 303/741.6394.
100. Thirteen courses and one LSIT review available on DVD.
101. Advanced courses offered: map projections, geodesy, adjustments, land surveying, cadastral surveying and route surveying.
102. Construction Design and Management Program
103. Construction layout, engineering survey, control survey, boundary survey, coordinate geometry, data collection, CAD and preparation for ACSM CST Level I exam.
104. Graduate program in Geographic Information Sciences for Development and Environment, Worcester, Mass.