

2005 College and University Survey

STATE	ALABAMA	ALABAMA	ARIZONA	ARKANSAS	CALIFORNIA	CALIFORNIA	CALIFORNIA	COLORADO	COLORADO
COLLEGE/UNIVERSITY	Auburn University	Troy University	Phoenix College	University of Arkansas at Monticello	Santa Rosa Junior College	University of California, Riverside Extension	University of California, Riverside Extension	Metropolitan State College of Denver	Westwood College
Website	www.gop.auburn.edu	http://spectrum.troy.edu/~elithorp	www.pc.maricopa.edu/dit	www.afrcuamont.edu/sfr/index.htm	www.santarosa.edu	www.ucrextension.net	www.ucrextension.net	www.mscd.edu/nsurdd	www.westwood.edu
Program contact	Wanda Lambert	Dr. James Elithorp	John J. Rose, RLS	Dr. Robert Weih	Jerry Miller	Jason Wilbur	Jason Wilbur	Herbert Stoughton, PLS, PE, CP, PhD	Lynn Patten
Contact's Title	Marketing Director	Geomatics Program Coordinator	Adjunct Faculty	[3]	Program Coordinator	Program Representative	Program Representative	Program Head	Lead Instructor of Surveying
Contact's Phone	334/844-5711	334/670-5619	602/506-4679	870/460-1052	707/527-4376	909/787-5804	909/787-5804	303/556-2508	720/542-5844
Year program instituted		1998	2004	2000	1965	1993	2001	1976	Revised in 1987, 2002, 2004
Two- or four-year program	Graduate level degrees	Four-year	2	AS and BS	2	One-year certificate	One-year certificate	Four-year	2-year (7 terms = 17 months)
Accreditation	ABET	None	[1]			[11]	[11]	[55]	ACCSCCT
Surveying degrees offered		BS Geomatics	AAS/certificate [2]	BS or AS [4]	[6]	Certificate in GIS	Certificate in GPS Technology	BS Surveying and Mapping	AAS Surveying and Mapping
-Surveying credits required/Total credits required		47/127	61/39	[5]	[7]	24	20	50+/129	66/93 (term basis)
Percentage of students with transfer credit?		90%			10%	10	1	75%+	
-Is transfer of credits easily accomplished?		Yes		Yes	Yes [8]	Yes	No	Yes	
-Do you have a credit exchange program with two-year colleges?		Yes [54]	No	Yes	Yes	Yes	No	Yes	
Are scholarships available to surveying students?		Yes	Yes	Yes	Yes	No	No	Yes	ACSM, PLSC, CCPS, etc.
-Number of scholarships available? (Partial/Full)		Variable	5/0	5	[9]	N/A	N/A	Both	All partial/no full
-Number of students currently on scholarship (Partial/Full)		0/7	0 (new)	5	Approximately 80%	N/A	N/A		
Total number of surveying students? (Full-time/Part-time)		65/0	78	57/0	60	300 part-time	25 part-time	15/100	22 full-time
Number of graduates in 2004?		14	0	4	16	31	5	5	18
Number of graduates in 2003?		10	0	N/A	11	29	8	4	7
Number of graduates in 2002?		10	0	N/A	10	34	1	4	7
Number of program graduates since program inception?		61	0	4		219	14	50+	10-20 per year
Number of current surveying faculty? (Full-time/Part-time)		2/3	0/5	2 PLS, 3 GIS	1/3	25 part-time	9 part-time	1/2	2/1
Cost of tuition and fees per credit hour: (\$)								\$165 for surveying courses	
-In-state?	\$510	Approx. \$138	\$55	\$95/hr. Fees 30.50	\$26/unit	~\$4500	~\$3500	\$3775	
-Out-of-state?	\$510	Approx. \$262	\$80	\$214/hr. Fees 30.50	\$177/unit	Same	Same	\$10600	
-Special (regional program)?		N/A			No	\$4500 for GIS Summer School	N/A	Western Undergraduate Exchange	
Are co-op/internship programs available?		Yes	No	Yes	Yes	Yes	No	Yes	No
Are evening/weekend classes available?	N/A	No	Yes	No	Yes	Yes	Yes	Yes	General Ed. only
Are distance learning opportunities available?	Yes	No	No	No	No	Yes	No	Yes, 12+ courses	No
Are online courses available?	Yes	No	No	No	No	Yes	No	No	General Ed. only
Are other off-site courses available?		No	No	No	No	Yes	No	When needed	No
Program area(s) of specialization		Geomatics	Surveying	No	[10]	GIS	GPS		None
Do you offer other land information disciplines:	No			Yes					No
-GIS		Yes	No	Yes	Yes	Yes		Yes	No
-Photogrammetry		Yes	Yes	Yes	Yes	Yes		Yes	No
-Remote Sensing		Yes	No	Yes	No	Yes		Yes	No
-Other			PLSS		GPS	GPS, cartography		[56]	None

2005 College and University Survey

APRIL 2005 | www.pdonline.com

STATE	FLORIDA	ILLINOIS	ILLINOIS	INDIANA	INDIANA	KENTUCKY	LOUISIANA	MAINE	MASSACHUSETTS
COLLEGE/UNIVERSITY	University of Florida	Parkland College	Southern Illinois University at Carbondale	Purdue University	Vincennes University	Big Sandy Community & Technical College	Nicholls State University	University of Maine	Clark University
Website	www.surv.ufl.edu	www.parkland.edu/es/surv/index.htm	civil.engr.siu.edu/civil/BSCE.htm	www.ecn.purdue.edu/Geomatics	[19]	www.bigsandy.kctcs.edu	www.nicholls.edu	www.umaine.edu/set/svt	www.clarku.edu/departments/dce
Program contact	Bon A. Dewitt	Todd W. Horton, PE, LSIT	Roy Frank, PLS	Dr. Steven D. Johnson	Bill Clark	Chris Daniel	Dr. Terry J. Dantin	Raymond J. Hint	Prof. R. Gil Pontius Jr.
Contact's Title	[12]	[14]	Assistant Professor	LSGE Coordinator	Program Coordinator	Associate Professor	Geomatics Program Coordinator	Associate Professor, Program Coord.	GISDE Program Coordinator
Contact's Phone	352/392-9492	217/373-3785	618/453-7830	765/494-0786	812/888-5865	606/788-2934	985/448-4725	207/581-2189	508/793-7761
Year program instituted	1973	2001	1994	1974	1975	2000	Fall 2003	2002	1995
Two-or four-year program	4	2	4	4	2	2	4	4	3 or 4 semesters
Accreditation	ASAC	North Central Association	ABET	ABET/EAC	North Central	SACS	New Program	To be applied for in 2006	Yes
Surveying degrees offered	BS, MS, PhD	AAS	Courses	BS [16]	AAS (68) AS (75)	AAS	BS Geomatics	BS Surveying Engineering Technology	None
-Surveying credits required/Total credits required	42/120	24/63	27 semester hours	45/136		27/34	46/123	126	None
Percentage of students with transfer credit?	95%	20%	60%	12	10%		Not available at this time	30	0
-Is transfer of credits easily accomplished?	Yes	Yes	Yes	Yes	No		Yes	Yes, articulation agreements exist	[24]
-Do you have a credit exchange program with two-year colleges?	Yes [13]	Yes	Yes	No	No		Articulation being developed	Yes, articulation agreements exist	No
Are scholarships available to surveying students?	Yes	Yes	Yes, IPLSA	Yes	Yes	Yes	Being established through LSPS	Yes	General Fellowships available
-Number of scholarships available? (Partial/Full)	10/10	2 partial	6/2	5/	Varies, 2-5	Varies	6	Every student has a scholarship	9/1
-Number of students currently on scholarship (Partial/Full)	8/9	0	6/1	5/	4	1/2	To begin awarding Fall 2005	1/41	10/
Total number of surveying students? (Full-time/Part-time)	48/2	9/3	52/58	38/3 [17]	40	13/0	33/9	2/11	None
Number of graduates in 2004?	11	3	46	10	17		Program in its 2nd year	2	9
Number of graduates in 2003?	9	1	34	15	11		N/A	Did not exist	10
Number of graduates in 2002?	11	0	30	6	10		N/A	Did not exist	14
Number of program graduates since program inception?	330	4	Over 300	356	300		N/A	2	Average 10/year
Number of current surveying faculty? (Full-time/Part-time)	4/1	1/2	1/	5/1	2/1		2	1/3	4 full-time GIS faculty
Cost of tuition and fees per credit hour: (\$)	(Undergrad)	0			95-85	93			\$3,500 per credit hour
-In-state?	\$98.50	\$242	\$470.42	\$218	\$239.25		[20]	\$168	Same
-Out-of-state?	\$527.58	\$303	\$621.92	\$621	\$125.50		[21]	\$479	Same
-Special (regional program)?	NA	\$92 district resident			In discussion		N/A	\$252 (other New England state)	Same
Are co-op/internship programs available?	Yes	Yes	Yes	Yes	No	Yes	Yes [22]	Yes, through BLM	Internships with local agencies
Are evening/weekend classes available?	Some General Ed.	50% of core classes	Yes	No	No	No	Yes, evening	Yes, through Eastern Maine C.C.	No
Are distance learning opportunities available?	On a limited basis	No	No	No	No		Proposed to be developed	Some	No
Are online courses available?	On a limited basis	[15]	No	No	No	Yes	Proposed to be developed	Some	No
Are other off-site courses available?	No	No	Weekend program at Joliet, IL	No	No		Not at this time	[23]	No
Program area(s) of specialization	Geomatics	None	Land surveying	[18]	Civil CAD		Land and construction surveying	All	GIS
Do you offer other land information disciplines:					No				Yes
-GIS	Yes	No	No	Yes			Yes	Yes	Yes, master's program
-Photogrammetry	Yes	No	Yes	Yes			Yes	Yes	None
-Remote Sensing	Yes	No	No	Yes			Yes	Yes	Yes
-Other		No		Geodesy/GPS			GPS	Geodesy, law, business	None

Numbers in brackets refer to notes

2005 College and University Survey

STATE	MICHIGAN	MICHIGAN	MINNESOTA	MONTANA	NEW BRUNSWICK	NEW HAMPSHIRE	NEW JERSEY	NEW JERSEY	NEW MEXICO
COLLEGE/UNIVERSITY	Ferris State University	Michigan Technological University	St. Cloud State University	Flathead Valley Community College	University of New Brunswick	New Hampshire Technical College	Essex County College	New Jersey Institute of Technology	New Mexico State University
Website	www.ferris.edu/cot/surveying	www.mtu.edu	www.stcloudstate.edu/geog	www.hvcc.edu/academics/surveying/surveying	gge.unb.ca	www.berlin.nhctc.edu	www.essex.edu	www.ec.njit.edu/surveying	www.nmsu.edu/~survey
Program contact	Sayed R. Hashimi	Dr. Scott J. Amos,	Ken Wong	David Dorsett, PLS	Dr. James Secord	David Carlisle	John Gribbin	Dr. Joshua Greenfeld	Dr. Steve Frank
Contact's Title	Department Chair	Dean of the School of Technology	Director of Land Surveying	Department Head	Director of Undergraduate Studies	Professor	Division Chair	[28]	Department Head
Contact's Phone	231/591-2845	906/482-2583	320/308-3014	406/756-3913	506/453-5150	603/752-1113	973/877-3454	973/596-5808	505/646-8171/5375
Year program instituted	AAS 1957, BS 1972	1978	1995	1968	1960	1975	1994	1989	1990
Two- or four-year program	Both	4	4	2	4	2	2	4	4
Accreditation	ABET/EAC BS degree only	ABET/ASAC	No	Mt Board of PE & LS	RICS, CCLS, CEAB	Yes	ABET (pending)	ABET/TAC	EAC
Surveying degrees offered	Surveying Engineering	BS in Surveying	BS	AAS	BS, MS, PhD [26]	AS in Surveying or GIS	AAS	BS Engineering Technology	BS Surveying Engineering
-Surveying credits required/Total credits required	79/137 [51]	38/133	58/120	48 sem/68 sem		36/65	24/65	128	50/131
Percentage of students with transfer credit?	70% estimated	25%+ (estimated)	100%	20%	75%	65%		100	30
-Is transfer of credits easily accomplished?	Yes	Fair	Articulation agreements	Yes	Yes	Yes	Yes	Yes	Normally
-Do you have a credit exchange program with two-year colleges?	Yes	Some	Yes	N/A	Yes	Yes	Yes, with NJIT	Yes	Yes
Are scholarships available to surveying students?	Yes	Yes	Yes	Yes	Yes	Yes	Yes, from outside sources	Yes	Yes
-Number of scholarships available? (Partial/Full)	20+ partial		Four organizations	10+/-	46/0	6	Several (partial)	Varies	8/0
-Number of students currently on scholarship (Partial/Full)	20/1		16+	10+/-	46/0	1/6	None	10/	7/0
Total number of surveying students? (Full-time/Part-time)	94	Approx. 40	35/55	20/5	Full time 120	15/22	0/11	8/40	31/3
Number of graduates in 2004?	19 (15 BSSE, 4 AAS)	Approx. 12	11	13	9	10	0	9	8
Number of graduates in 2003?	25 (22 BSSE, 3 AAS)	Approx. 12	12	5	12	12	0	9	10
Number of graduates in 2002?	14 (11 BSSE, 2 AAS)	Approx. 12	8	10	23	8	0	8	7
Number of program graduates since program inception?	500+ BS, 200+ AAS estimated		45	250		200+	2	81	110
Number of current surveying faculty? (Full-time/Part-time)	[52]	3	2/1	2/2	10	2/2	0/2	1/3	3/1
Cost of tuition and fees per credit hour: (\$)			\$176		[27]				\$152.75
-In-state?	\$256		\$176	\$113/hr		\$148	\$77.25 (in-county)	300	\$1,833
-Out-of-state?	\$512		\$355	\$253/hr		\$340	\$154.50 (out-of-county)	587	\$6,105
-Special (regional program)?	\$474 Midwest Student Exchange Program			\$77/hr (in county)		\$222 (New England student)		NY Metro area	\$2,750 (WICHE)
Are co-op/internship programs available?	Yes		No	No	Yes	Yes		No	Yes
Are evening/weekend classes available?	Rarely		Evening	No	Some	Yes	Yes, evening	Yes	Sometimes
Are distance learning opportunities available?	No	Under review	Yes	No	No	Yes	No	No	No
Are online courses available?	No		Yes	No	No	No	No	No	No
Are other off-site courses available?	GIS certificate		No	No	No	Yes	No	Yes	No
Program area(s) of specialization	Surveying Engineering		Surveying	[25]		GPS and GIS	General	Surveying	Land boundary
Do you offer other land information disciplines:					Ocean mapping		No		
-GIS	Yes [53]		Yes, GIS minor	Yes	Land management	Yes		Yes	Yes
-Photogrammetry	2 courses in BS Surveying		No	Yes	Geodesy	Yes		Yes	Yes
-Remote Sensing	1 course in BS Surveying		Yes	Yes	Geodetic engineering	Yes		Yes	No
-Other				N/A				Yes	z

2005 College and University Survey

APRIL 2005 | www.pdonline.com

STATE	NEW YORK	NEW YORK	NORTH CAROLINA	OHIO	OHIO	OHIO	OREGON	OREGON	PENNSYLVANIA
COLLEGE/UNIVERSITY	Alfred State College	SUNY ESF Ranger School	Southwestern Community College	Cincinnati State Technical & Community College	Columbus State Community College	The University of Akron	Oregon Institute of Technology	Oregon State University	Pennsylvania State University Wilkes-Barre
Website	www.alfredstate.edu	rangerschool.esf.edu	www.southwesterncc.edu/acadprog/sv.htm	www.cincinnati-state.edu	www.csc.edu	www.uakron.edu	www.oit.edu	ccee.oregonstate.edu	surveying.wb.psu.edu
Program contact	Jeff Marshall	Christopher Westbrook	Peter Messier, PLS, PE	James Decker, PS	Dallas P. Morlan, PLS	Prof. Thomas (Mike) Besch	Jack Walker	Prof. Robert J. Schultz	Dr. Charles Ghilani
Contact's Title	Department Chair	Director	Program Coordinator	Instructor	Instructor	Program Director	Professor	[33]	Program Chair
Contact's Phone	607/587-4616	315/848-2566	800/447-4091 ext. 402	513/569-1757	614/287-3693	330/972-7059	541/885-1511	541/737-4579	570/675-9127
Year program instituted	1952	1912	Fall 2003	1968	1968 [57], 1978 [58]	AAS 1996, BS 1998	1947	Civil Engr. 1908	1994
Two-or four-year program	2 and 4-year	2	2	2	Two-year [59]	Both	4	4	4
Accreditation	TAC/ABET	None	[30]	ABET/TAC	[60]	ABET/TAC	ASAC/ABET	ABET/EAC Civil Engr.	ASAC-ABET
Surveying degrees offered	BS and AAS	AAS [29]	AAS Surveying Technology	AAS [31]		AAS and BS	Geomatics	Optional courses in Civil	BS in Surveying Engineering
-Surveying credits required/Total credits required	135 & 64		33/73	29/120	[61]	AAS 35/68, BS 66/136	85/186 term hours	[34]	128
Percentage of students with transfer credit?	15%		50%	50%	<10%	44%	50%	40%	
-Is transfer of credits easily accomplished?	Yes		Yes	Yes	Yes [62]	Yes	Yes	Yes	Yes
-Do you have a credit exchange program with two-year colleges?	Yes		Yes	Yes	Yes	Yes	Yes	Yes, in Civil Engineering	Yes
Are scholarships available to surveying students?	Yes	Yes	Yes	Yes	Yes [63]	Yes	Yes	Yes, as for all civil students	Yes
-Number of scholarships available? (Partial/Full)	7	Partial	2/	8/0	Varies	Partial: 2 local, 4 state	16/0	[35]	20
-Number of students currently on scholarship (Partial/Full)	14		2/	4/0	Varies	Varies (65)	10	None	
Total number of surveying students? (Full-time/Part-time)	50	14	3/15	30/81	20/23	85/96	45/7	10-15	45
Number of graduates in 2004?	10	7	N/A (program started in 2003)	15		28 (AAS 16, BS 12)	8-12	[36]	13
Number of graduates in 2003?	11	10	N/A	9		12 (AAS 6, BS 6)	8-12	[36]	13
Number of graduates in 2002?	10	6	N/A	12		13 (AAS 4, BS 9)	8-12	[36]	13
Number of program graduates since program inception?	600+	60	N/A	550	170+	261 (AAS 200, BS 51)	500+	[37]	80
Number of current surveying faculty? (Full-time/Part-time)	2/2	2	1/1	3/6	2/5	3/8	3/1	1	4/3
Cost of tuition and fees per credit hour: (\$)							\$96		[38]
-In-state?	\$180	\$2,175 per semester	\$40	\$71.40	\$73	\$218	\$95	\$1573 per term, \$341 per credit	
-Out-of-state?	\$311	\$5,150 per semester	\$213	\$142.80	\$161	\$518	\$310 full-time/\$96 part-time	\$5825 per term, \$695 per credit	
-Special (regional program)?			N/A	Yes	International \$194	Yes	\$150 WUE states	None	
Are co-op/internship programs available?	No	None	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Are evening/weekend classes available?	No	None	Yes, our major emphasis	Yes	Yes	Yes	No	No	No
Are distance learning opportunities available?	Yes	None	Yes, in non-surveying courses	No	No	No	Yes	No	Yes
Are online courses available?	Yes	None	Yes, in non-surveying courses	Yes	No	No	No	No	Yes
Are other off-site courses available?	Yes	None	No	Yes	Yes, non-surveying core	Yes	No	No	No
Program area(s) of specialization	None		Land surveying	Boundary, control, topographic surveying		Land surveying		Civil Engr - Geomatics	Surveying
Do you offer other land information disciplines:								Some	
-GIS	Yes		No	Yes	Yes [64]	Yes [32]	Yes	In GeoSciences	Yes
-Photogrammetry	Yes		No	No		Courses only	Yes	Yes	Yes
-Remote Sensing	Yes		No	No		Courses only	Yes	In GeoSciences	Yes
-Other			No	Yes		N/A		Some courses in Forest Engineering	[39]

Numbers in brackets refer to notes

2005 College and University Survey

STATE	PENNSYLVANIA	TENNESSEE	TENNESSEE	TEXAS	WASHINGTON	WEST VIRGINIA	WISCONSIN	WYOMING
COLLEGE/UNIVERSITY	Pennsylvania State University Wilkes-Barre	Chattanooga State Technical Community College	East Tennessee State University	Texas A&M University-Corpus Christi	Renton Technical College	Glenville State College	Nicolet Area Technical College	University of Wyoming
Website	surveying.wb.psu.edu	www.chattanoogastate.edu	www.etsu.edu/geomatics	gisc.tamucc.edu	www.renton-tc.ctc.edu	www.glenville.edu	www.nicoletcollege.edu	http://outreach.uwyo.edu/occ
Program contact	Dr. Charles Ghilani	Duane Nickols	Marian M. Clark, PhD, PLS	Dr. Gary Jeffress, RPLS	Martin Paquette, PLS & Jim Coan, PLS	Charles R. Sypolt	Devon Vanden Heuvel	Rod Skaggs
Contact's Title	Program Chair	Associate Professor	[43]	Professor	Instructor	Department Chairman	Land Surveying Instructor	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	1956	1967	1960s; ABET since 1994	1995	1990	1972 AS, 2004 BS	1974	1991
Two- or four-year program	2	2	4	4	Two-year	Both	2	Certificate
Accreditation	TAC-ABET	ABET	ABET/ASAC since 1994	ABET-Applied Science Programs	Regional	[50]	Higher Learning Commission	[65]
Surveying degrees offered	AS Surveying Technology	[40]	BS Surveying and Mapping Science	BS	AAS	AS & BS	AAS Land Surveying	
-Surveying credits required/Total credits required	68	8/65	[44]	78/139	90/151	AS 50/68, BS 53/128	32/68	24 semester credit hours
Percentage of students with transfer credit?			75-80%	50%	10%	25	33%	5%
-Is transfer of credits easily accomplished?	Yes	Sometimes	Yes, on an individual basis	Yes	Yes	Yes	Yes	Yes
-Do you have a credit exchange program with two-year colleges?	Yes	[41]	Yes, w/ 6 schools in TN	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)	10	Approx. 14	3/2	0/4	5+ partial	6/0	7/0	
-Number of students currently on scholarship (Partial/Full)			3/	10/0	4 partial	1/3	3/0	
Total number of surveying students? (Full-time/Part-time)	20	5 fall/25 spring	59/8	0/75	50	30/2	22/1	0/130
Number of graduates in 2004?	5	4	10	14		5	14	
Number of graduates in 2003?	5	5	13	17		5	10	
Number of graduates in 2002?	5	5	13	14		5	8	
Number of program graduates since program inception?		Approx. 360	150+	75	210	254	276	34
Number of current surveying faculty? (Full-time/Part-time)	4/3	1/	[45]	4/5	2/1		1/3	1/2
Cost of tuition and fees per credit hour: (\$)								
-In-state?		\$83	\$196	\$113.33 tuition/fees vary	\$38	\$136.50	\$103	\$182
-Out-of-state?		\$336	\$564	\$326.33 tuition/fees vary		\$327.25	\$300	\$182
-Special (regional program)?			[46]	No				
Are co-op/internship programs available?	No	Yes	Yes [47]	Yes	Yes	Yes	Yes	No
Are evening/weekend classes available?	No	Evening	Evening yes; weekend no	No	No	Yes	No	Yes
Are distance learning opportunities available?	Yes	Yes	A few courses	No	No	No	No	Yes
Are online courses available?	Yes	Yes	A few courses	No	No	No	No	Yes
Are other off-site courses available?	No	Yes	[48]	No	No	No	No	Yes
Program area(s) of specialization	Surveying		[49]	Geomatics/GIS	Professional career track	Land surveying	Land surveying	[66]
Do you offer other land information disciplines:					Individual courses only	No		
-GIS	Yes	[42]	Yes	Yes			No	
-Photogrammetry	Yes	[42]	Yes	Yes			No	
-Remote Sensing	No	No	Yes	Yes			No	
-Other		Land Desktop	Surveying business (21 cr)	Hydrography			No	

2005 College and University Survey Notes

1. North Central Association/Higher Learning Commission.
2. AAS in Surveying Technology/Certificate in Surveying Technology.
3. Director of the Spatial Information System Program.
4. BS in SIS; AS in Land Surveying Technology.
5. For the BS 39/124; for the AS 23/67.
6. Certificate of completion and/or AS.
7. 44 units for certificate; 61 units for AS.
8. May be done concurrently with certificate courses.
9. 20 discipline specific, 400 general scholarships and an unlimited number of Doyle scholarships available to all qualified students in the amounts of 1000 to 1600/year.
10. Civil Engineering Technology, Land Surveying Technology, GIS.
11. Western Association of Schools and Colleges (WASC).
12. Associate Professor and Program Director.
13. With Florida community colleges.
14. Program Director, Construction Design and Management.
15. General Ed. classes are available online.
16. Land Surveying and Geomatics Engineering.
17. Includes only sophomore/junior/senior students; freshmen in separate department.
18. Land Surveying, Land Development, Geodetic Surveying and Mapping.
19. <http://vinu.edu/PageWorks/servlet/PageMill?pageid=751&tempid=0>
20. Sliding: \$350 (1 hr) to \$1500 (12 hrs or more).
21. Sliding: \$350 (1 hr) to \$4200 (12 hrs or more).
22. 8 internships during 2004 summer.
23. If number of students exists.
24. Transfer credit for 2 graduate courses.
25. Legal principles associated with boundary surveying, PLSS, GPS, GIS, computer hardware & software issues.
26. Geodesy and Geomatics Engineering.
27. See web page www.unb.ca.
28. Professor, Surveying Program Coordinator.
29. In Forest Technology w/ concentration in land surveying.
30. Not eligible to apply until first graduating class.
31. Civil Engineering Technology – Surveying.
32. Certificate and AAS.
33. Professor of Civil, Construction & Environmental Engineering.
34. Civil Degree plus 16 term credits will allow student to sit for FS exam in Oregon.
35. About 80 and some PLSO scholarships.
36. Took FLS exam 3 – 5.
37. 160 students took FLS exam in last 12 years.
38. Not charged per credit hour but by full semester with 12 or more credits.
39. Geodesy, satellite positioning, land development.
40. Engineering Technology- Civil concentration.
41. Transfer programs with many 4-year schools.
42. Covered and used in surveying class.
43. Coordinator for Surveying and Mapping Science.
44. 67 surveying / 19 math & science / 128 total semester hours.
45. 3 full-time faculty; 2 grad students.
46. Academic Common Market with 7 states; VA, WV, KY, AL, SC, MS, OK.
47. Most students do one summer co-op.
48. Through the 2-year matriculation program.
49. Traditional land surveying; subdivision design; GIS; surveying business.
50. Approved by WV and Ohio Board of Examiners.
51. Includes civil engineering courses(soild, hydraulics, statics, etc.).
52. 6 (5 tenure track, 1 adjunct) includes department chair.
53. GIS Certificate + 2 courses in BS Surveying.
54. Through Alabama Articulation Program (STARS).
55. North Central (institution); ABET/ASAC (SMP).
56. Geodesy, astronomy, legal aspects, cadastral, route, computations, site planning.
57. AS Civil.
58. Surveying Certificate.
59. 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.
60. North Central Association of Colleges and Schools, Higher Learning Commission
61. AS 21/109, Certificate 21/54. Does not include available technical elective course Advanced Surveying Systems (SURV248, 4 credit hours). Course content includes EDM baseline techniques, GPS and conventional electronic data collection.
62. 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.
63. 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.
64. GIS Associate of Science and Certificate programs. GIS Certificate Program may be completed online. GIS contact: Michael Rock 614-287-2409, E-mail: mrock01@cssc.edu.
65. None available for certificate program.
66. Legal: 17 hours; technical: 14 hours.