

Book & Tool List

SURVEYING AND GEOMATICS ENGINEERING TECHNOLOGY

Bachelor of Science: Surveying and Geomatics Engineering Technology

Book List for BS – Surveying and Geomatics Engineering Technology

Course	Course Title	Book Title	ISBN	Cost
CET 1111	Beginning CAD	Practical Guide to Autocad 2025, 2025 Ed.	9781934865880	114.27
CET 1121	Civil 3D Drafting	Autodesk Civil 3D 2024 Fundamentals, 17 th 23 Ed.	9781630568320	59.00
CET 1122	Intermediate Surveying	Elementary Surveying: An Introduction to Geomatics, 16 th 22 Ed.	9780136822912	94.99
CET 2220	Statics and Strength of Materials	Applied Statics and Strengths of Materials, 7 th 22 Ed.	8220145127536	89.94
CET 2228	Principles of GIS	Mastering Arcgis Pro, 2 nd 23 Ed.	9781264091201	88.75
CET 2232	Plan Reading and Worksite Safety	Printreading for Heavy Commercial Construction – With Prints, 4 th 16 Ed.	9780826904874	84.38
CET 2243	Public Works	Basic Environmental Technology, 6 th 15 Ed.	9780132840149	89.94
CET 2251	Introduction to Legal Descriptions	Writing Legal Descriptions in Conjunction with Survey Boundary Control, 4 th 79 Ed.	9780960696284	37.50
GEMT 3310	Boundary Control and Legal Principles	Brown's Boundary Control and Legal Principles, 8 th 24 Ed.	9781119911708	124.46
GEMT 3311	Advanced Surveying	Elementary Surveying, 16 th 22 Ed.	9780136822806	96.99
GEMT 3312	Public Land Surveying	Manual of Surveying Instructions, 09 Ed.	9781365076701	49.23
GEMT 3314	Research and Evidence in Surveying	Evidence and Procedures for Boundary Location, 7 th 21 Ed.	9781119719434	138.00
GEMT 3315	Surveying Adjustments	Adjustment Computations, 6 th 18 Ed.	9781119385981	155.96

Course	Course Title	Book Title	ISBN	Cost
GEMT 4400	Essentials of Surveying	PPI Surveyor Reference Manual, 7 th 19 Ed.	9781591266488	162.24
COMM 1101	Fundamentals of Oral Communication	Fund. Of Oral Communication Access Code	8220127707565	68.75
MATH 1153	Statistical Reasoning	MyLab Statistics with Pearson eText Access Code for Intro Stats, 6 th 22 Ed.	8220144761755	143.63
MATH 1170	Calculus I	Calculus: Early Transcendentals – WebAssign Access, 9 th 21 Ed.	8220118200785	147.50
MATH 1175	Calculus II	Calculus: Single Variable, Early Transcendentals, 9 th 21 Ed.	9780357022269	265.16
PHYS 1101	Elements of Physics	Perusall Access-College Physics 1E, 16 Ed.	9781947172012	14.27
CHEM 1101 (Obj. 5 Option)	Introduction to Chemistry	Bundle: Aktiv Chemistry – Semester + Math Diagnostic, 24 Ed.	8220142431490	50.00
CMP 2250 (Obj. 4 Option)	History and Appreciation of Photography	Photography in America, 16 Ed.	9780199314225	84.74
ENGL 3307	Professional and Technical Writing	Technical Communication, 14 th 25 Ed.	9781319414252	152.25
GLBL 2202 (Obj. 9 Option)	The World Today: Introduction to Global Issues	Global Politics, 3 rd 23 Ed.	9781350328419	38.96
PHIL 1103	Introduction to Ethics	Classics of Moral and Political Theory, 5 th 11 Ed.	9781603844420	43.50
ECON 2202 (Obj 6 Option)	Principles of Macroeconomics	Principles of Microeconomics 5e Courseware, 5 th 26 Ed.	8220154660703	116.40
			TOTAL	\$2,510.81

Course Fees for BS – Surveying and Geomatics Engineering Technology

Course	Course Title	Fee
FIN 1115	Personal Finance	7.50
MATH 1147	Precalculus	8.00
MATH 1153	Statistical Reasoning	8.00
MATH 1170	Calculus I	8.00
MATH 1175	Calculus II	8.00
		TOTAL \$39.50

Other Fees for BS – Surveying and Geomatics Engineering Technology

Description	Fee
Land Surveyor in Training Sample Examination	38.00
TOTAL	\$38.00

Tools/Supplies for BS – Surveying and Geomatics Engineering Technology

Quantity	Description	Cost
2	Notebooks, loose-leaf	8.00
2	Binders, 3 ring with 400 sheets of engineering paper	10.00
2	Dividers, notebook	2.00
1	Calculator HP 35S	50.00
2	Eraser holder with soft eraser jet, #825-B Pink, Pocket	2.00
1	French curve, acrylic	3.00
2	Lead (for mechanical pencils) H, 2H, 3H	9.00
1	Protractor, 6" Circular, Kohinor #8220-6	4.00
1	Scale, 12" Engineer's (Triangular) Combination scales	5.00
1	Scale, 12" Metric	5.00
1	Survey Pac (TDS Co. Go.)	100.00
2	Tape, drafting in dispenser, Scotch #3852-E	2.00
1	Tape, 25' Steel measuring (decimal, feet, inches, & metric combination)	7.00
1	Triangle, Pro. Topz #1045T, 12" 45 degrees	8.00
1	Triangle, Pro. Topz #12-60T, 12" 30-60 degrees	8.00
1	Raincoat, Coveralls-Insulated, Belt	150.00
	TOTAL	\$373.00

Summary

Tuition	\$37,356.00
Books	\$2,510.81
Fees	\$77.50
Tools/Supplies	\$373.00
Program Total	\$40,317.31

**Costs listed are estimations and should not be considered a guarantee.*