

Book & Tool List

CIVIL ENGINEERING TECHNOLOGY

Advanced Technical Certificate: Civil Engineering Technology

Book List for ATC – Civil Engineering Technology

Course	Course Title	Book Title	ISBN	Cost
CET 1111	Beginning CAD	Discovering AutoCAD 2024	9780138232375	83.21
CET 1112	Beginning Survey	Elementary Surveying, 16 th 22 Ed.	9780136822806	80.99
CET 1121	Civil 3D Drafting	Autodesk Civil 3D 2024 Fundamentals	9781630575885	47.84
CET 2216	Route Survey and GPS Fundamentals	Elementary Surveying, 16 th 22 Ed.	9780136822806	80.99
CET 2226	Construction Surveying	Surveying with Construction Applications, 8 th 15 Ed.	9780132766982	161.19
CET 2228	Principles of GIS	Mastering Arcgis Pro, 2 nd 23 Ed.	9781264091201	70.00
CET 2232	Plan Reading and Worksite Safety	Printreading for Heavy Commercial Construction – With Prints, 4 th 16 Ed.	9780826904874	76.34
CET 2243	Public Works	Basic Environmental Technology, 6 th 15 Ed.	9780132840149	155.99
GEMT 3312	Public Land Surveying	Manual of Surveying Instructions, 09 Ed.	9781365076701	41.85
ENGL 1101	Writing and Rhetoric I	Rules for Writers (Spiral), 10 th 22 Ed.	9781319244255	56.56
ENGL 1101	Writing and Rhetoric I	Everyone's an Author: With Readings, MLA – W/Access, 4 th 23 Ed.	9781324045274	57.09
ENGL 1101	Writing and Rhetoric I	Dr. No: A Novel, 22 Ed.	9781644452080	6.99
COMM 1101	Fundamentals of Oral Communication	Fund. Of Oral Communication Access Code	97816444850817	78.57
MATH 1143	College Algebra	ALEKS for Mathematics (18 Week Access Code)	9780072391305	125.14
			TOTAL	\$1,122.75

Course Fees for ATC – Civil Engineering Technology

Course	Course Title	Fee
CET 1111	Beginning CAD	60.00
CET 1112	Beginning Survey	60.00
CET 1113	Civil and Geomatics Engineering Technology I	40.00
CET 1121	Civil Engineering Technology Drafting	60.00
CET 1122	Intermediate Surveying and Spatial Analysis	60.00
CET 1123	Civil and Geomatics Engineering Technology II	60.00
CET 2216	Route Survey and GPS Fundamentals	60.00
CET 2226	Construction Surveying	20.00
CET 2228	Principles of GIS	60.00
CET 2232	Plan Reading and Worksite Safety	60.00
CET 2251	Introduction to Legal Descriptions	20.00
GEMT 3312	Public Land Surveying	60.00
MATH 1143	Precalculus I: Algebra	5.00
MATH 1144	Precalculus II: Trigonometry	5.00
TOTAL		\$630.00

Tools/Supplies for ATC – Civil Engineering Technology

Quantity	Description	Cost
1	HP 35S Programmable Scientific Calculator	50.00
2	Lead (for mechanical pencils) H, 2H, 3H	9.00
1	Scale, 12" Engineer's (Triangular) Combination Scales	5.00
1	Tape 25' Steel Measuring (decimal, feet, and inches)	7.00
2	Notebook – Loose-Leaf, surveyors field book	20.00
4	Binder, 3-ring with 400 sheet of engineering paper	19.00
2 sets	Dividers, Notebook	5.00
1	Safety Vest, Raincoat, Coveralls – insulated, belt	150.00
TOTAL		\$265.00

Summary

Tuition	\$16,712.00
Books	\$1,122.75
Fees	\$630.00
Tools/Supplies	\$265.00
Program Total	\$18,729.75

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