

Book & Tool List

CIVIL ENGINEERING TECHNOLOGY

Advanced Technical Certificate: Civil Engineering Technician

Book List for ATC – Civil Engineering Technician

Course	Course Title	Book Title	ISBN	Cost
CET 0110	Applied Mathematics I	Technical Math with Calculus, 6 th 11 Ed.	9780470911952	112.50
CET 0112	Beginning Survey	Surveying Fundamentals and Practices, 7 th 18 Ed.	9780134414430	44.99
CET 0228	Principles of GIS	Mastering ArcGIS Pro, 20 th Ed.	9781260587333	55.00
CET 0232	Plan Reading and Worksite Safety	Printread .F/Heavy Comm...w/Prints, 4 th 16 Ed.	9780826904874	63.75
CET 0243	Public Works	Basic Environmental Technology, 6 th 15 Ed.	9780132840149	44.99
ENGL 1101	Writing and Rhetoric I	Little Seagull Handbook w/Access Pkg.	9780393877939	22.00
COMM 1101	Fundamentals of Oral Communication	Fund. Of Oral Communication Access Code	9781644850817	78.57
TOTAL				\$421.80

Course Fees for ATC – Civil Engineering Technician

Course	Course Title	Fee
CET 0111	Drawing with CAD	105.00
CET 0112	Beginning Survey	105.00
CET 0121	Civil Engineering Technology Drafting	20.00
CET 0122	Intermediate Surveying and Spatial Analysis	20.00
CET 0216	Route Survey and GPS Fundamentals	105.00
CET 0226	Construction Surveying	20.00
CET 0251	Introduction to Legal Descriptions	35.00
GEMT 3312	Public Land Surveying	105.00
TOTAL		\$515.00

Tools/Supplies for ATC – Civil Engineering Technician

Quantity	Description	Cost
1	HP 35S Programmable Scientific Calculator	50.00

Quantity	Description	Cost
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	\$15,744.00
Books	\$421.80
Fees	\$515.00
Tools/Supplies	\$265.00
Program Total	\$16,945.80