Book & Tool List

ROBOTICS AND COMMUNICATIONS SYSTEMS ENGINEERING TECHNOLOGY

Advanced Technical Certificate: Robotics and Communications Systems Engineering Technology

(Must have completed an ITC in Basic Electronics)

Book List for ATC – Robotics and Communications Systems Engineering Technology

Course	Course Title	Book Title	ISBN	Cost
RCET 2267	Radio Frequency Transmission Theory	Electronic Communications: A System Approach, 14 Ed.	9780132988636	161.19
			TOTAL	**$161.19**

Course Fees for ATC – Robotics and Communications Systems Engineering Technology

Course	Course Title	Fee
RCET 2253	Systems Analog and Digital Laboratory	75.00
RCET 2268	Radio Frequency Transmission Lab	50.00
RCET 2271	Introduction to Lab Simulation Software	35.00
RCET 3371	Advanced Programming Techniques and GUI Development	45.00
RCET 3375	Advanced Computer Architecture and Embedded Systems Laboratory	50.00
RCET 3376	Advanced Systems Analysis Theory	100.00
	TOTAL	**$355.00**

Other Fees for ATC – Robotics and Communications Systems Engineering Technology

Description	Fee
Locker deposit	5.00
TOTAL	**$5.00**

Tools/Supplies for ATC – Robotics and Communications Systems Engineering Technology

Quantity	Description	Cost
1	Laptop/Notebook Computer (No MAC or Linux OS) Specifications: Processor: 15 Memory (RAM): 4GB Hard Drive: 250GB Optical Drive: CD-RW/DVD Wireless: 802.11 b/g Ethernet: 1 GB Battery Life: 3-4 Hours Warranty: 3 Years Operating System: Windows 10 Software: MS Office, Office Suite	1,000.00
1 or 2 for each semester	Tops Computation Notebook #35126 (Available in Tech Office)	10.00
1 for each semester	Single subject spiral notebooks	3.00
1	Jump drive, 8GB or higher	20.00
1	Digital Micrometer 6"	2.00
1	PACE Soldering Tip	24.00
1	Tape, metric measure (optional)	5.00
1	Tool Kit (sold by Robotics Club) DMM JMP Wires Safety Glasses ESDTWEEZER Kit Strippers Diagonal Cutter Needle Nose 4-1 Screw Driver Soldering Iron Stand Bread Board Resistor Kit Capacitor Kit Solder Kit Heat Sinks Desoldering Wick Precision Screw Drivers Tool Bag	196.00
1	Digital Volt-Ohm-Millampmeter	70.00

Quantity	Description	Cost
	Specifications: DC Voltage Ranges = 2V, 20V, 200V, 600V Resistance Ranges = >200V, 2K, 200K, 2M, 20M AC Current Ranges = >200Ma, 20a DC Current Ranges = >20A, 200A, 200Ma, 10A Input Impendence = 10-12M	
	TOTAL	**$1,330.00**

Summary

Tuition	$16,712.00
Books	$161.19
Fees	$360.00
Tools/Supplies	$1,330.00
Program Total	$18,563.19

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