

Book & Tool List

ROBOTICS AND COMMUNICATIONS SYSTEMS ENGINEERING TECHNOLOGY

Associate of Applied Science: Robotics and Communications Systems Engineering Technology

Book List for AAS – Robotics and Communications Systems Engineering Technology

Course	Course Title	Book Title	ISBN	Cost
RCET 0153A	Basic Electricity and DC Circuit Theory	Electronics and Computer Math, 8 th 6 Ed.	9780131711372	147.25
RCET 0153A	Basic Electricity and DC Circuit Theory	Electronics Fundamentals: Circuits, Devices and Applications, 9 th 22 Ed.	9780135583739	44.99
RCET 3371	Advanced Programming Techniques and GUI Development	Programming In Visual Basic.Net 2005 – w/CD, 6 th Ed.	9780073215884	88.05
RCET 3371	Advanced Programming Techniques and GUI Development	Programming in Visual Basic 2010, 11 th Ed.	9780073517254	88.05
ENGL 1101	Writing & 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
PHYS 1101	Elements of Physics	EBK Applied Physics, 11 th Ed.	9780134241142	64.99
PSYC 1101 (Obj 6 Option)	Introduction to Psychology	Psychology Loose-leaf w/Access, 13 th Ed.	9781319393830	80.00
			TOTAL	\$613.90

Course Fees for AAS – Robotics and Communications Systems Engineering Technology

Course	Course Title	Fee
RCET 0155A	Basic Electricity and DC Circuit Lab	50.00
RCET 0155B	Basic Electricity and AC Circuit Lab	80.00

Course	Course Title	Fee
RCET 0156A	Analog Control Devices Laboratory	60.00
RCET 0156B	Digital Control Devices Laboratory	40.00
RCET 0253	Systems Analog and Digital Laboratory	75.00
RCET 0268	Radio Frequency Transmission Lab	50.00
RCET 0271	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		\$585.00

Other Fees for AAS – Robotics and Communications Systems Engineering Technology

Description	Fee
Locker deposit	5.00
TOTAL	\$5.00

Tools/Supplies for AAS – 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

Quantity	Description	Cost
1	Tape, metric measure (optional)	5.00
1	Tool Kit (sold by Robotics Club)	196.00
	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	
1	Digital Volt-Ohm-Millampmeter	70.00
	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 Impedence = 10-12M	
TOTAL		\$1,330.00

Summary

Tuition	\$23,616.00
Books	\$613.90
Fees	\$590.00
Tools/Supplies	\$1,330.00
Program Total	\$26,149.90