

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 + Computer Math, 8 th 6 Ed.	9780131711372	141.10
RCET 0153A	Basic Electricity and DC Circuit Theory	Electronics Fund.: Circuits, Dev..., 9 th 22 Ed.	9780135583739	55.00
RCET 0153A	Basic Electricity and DC Circuit Theory	Foundations of Electric Circuits, 99 th Ed.	9780139077425	54.00
RCET 0153A	Basic Electricity and DC Circuit Theory	Complete Electronics Self-Teaching..., 4 th 12 Ed.	9781118217320	15.45
RCET 0264	Introductory Calculus	Technical Calculus, 5 th 5 Ed.	9780130488183	135.75
RCET 0267	Radio Frequency Transmission Theory	RF Circuit Design (PB), 2 nd 8 Ed.	9780750685184	22.95
RCET 0267	Radio Frequency Transmission Theory	Prin. Of Electron. Commun. Systems (LL), 4 th 16 Ed.	9781259545610	46.85
RCET 0271	Introduction to Lab Simulation Software	Labview for Everyone – w/CD, 3 rd 7 Ed.	9780131856721	47.85
RCET 3371	Advanced Programming Techniques and GUI Development	Prog. In Visual Basic. Net 2005 – w/CD, 6 th Ed.	9780073215884	84.65
RCET 3371	Advanced Programming Techniques and GUI Development	Programming in Visual Basic 2010, 11 th Ed.	9780073517254	84.65
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

Course	Course Title	Book Title	ISBN	Cost
PSYC 1101 (Obj 6 Option)	Introduction to Psychology	Psychology Loose-leaf w/Access, 13 th Ed.	9781319393830	80.00
			TOTAL	\$933.81

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
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	1,000.00

Quantity	Description	Cost
	Battery Life: 3-4 Hours Warranty: 3 Years Operating System: Windows 10 Software: MS Office, Office Suite	
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 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	70.00
TOTAL		\$1,330.00

Summary

Tuition	\$23,616.00
Books	\$933.81

Fees	\$590.00
Tools/Supplies	\$1,330.00
Program Total	\$26,469.81