Book & Tool List

Book List for AAS – Robotics and Communications Systems Engineering Technology

Course	Course Title	Book Title	ISBN	Cost
RCET 1153A	Basic Electricity and DC Circuit Theory	Emotional Intelligence 2.0 – w/Passcode, 09 Ed.	9780974320625	26.24
RCET 2267	Radio Frequency Transmission Theory	Electronic Communications: A System Approach, 14 Ed.	9780132988636	161.19
ENGL 1101	Writing and Rhetoric I	Rules for Writers (Spiral), 10th 22 Ed.	9781319244255	56.56
ENGL 1101	Writing and Rhetoric I	Everyone's an Author: With Readings, MLA – W/Access, 4th 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	9781644850817	78.57
MATH 1153	Statistical Reasoning	Intro Stats – MyStatLab w/eText (18 Weeks), 6th 22 Ed.	9780136806899	135.70
MATH 1153	Statistical Reasoning	Intro Stats, 6th 22 Ed.	9780136806868	85.99
PSYC 1101 (Obj. 6 Option)	Introduction to Psychology	Psychology – Achieve Read and Practice (1 Term), 14th 24 Ed.	9781319489892	64.29
PHYS 1101	Elements of Physics	Perusall Access – College Physics 1E, 16 Ed.	9781947172012	14.27
			TOTAL	**$686.89**

Course Fees for AAS – Robotics and Communications Systems Engineering Technology

Course	Course Title	Fee
RCET 1155A	Basic Electricity and DC Circuit Lab	50.00

Course	Course Title	Fee
RCET 1155B	Basic Electricity and AC Circuit Lab	80.00
RCET 1156A	Analog Control Devices Laboratory	60.00
RCET 1156B	Digital Control Devices Laboratory	40.00
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	**$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

Quantity	Description	Cost
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 Impendence = 10-12M	70.00
	TOTAL	**$1,330.00**

Summary

Tuition	$25,068.00
Books	$686.89
Fees	$590.00
Tools/Supplies	$1,330.00
Program Total	$27,674.89

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