

# Book & Tool List

## UNMANNED AERIAL SYSTEMS

### Associate of Applied Science: Unmanned Aerial Systems

#### Book List for AAs – Unmanned Aerial Systems

Course	Course Title	Book Title	ISBN	Cost
UAS 0228	Principles of GIS	Mastering ArcGIS Pro, 20 <sup>th</sup> Ed.	9781260587333	55.00
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
PSYC 1101 (Obj. 6 Option)	Introduction to Psychology	Psychology Loose-leaf w/Access, 13 <sup>th</sup> Ed.	9781319393830	80.00
MATH 1153	Statistical Reasoning	Introductory Statistics – WebAssign, 19 <sup>th</sup> Ed.	9781337777186	54.21
MATH 1153	Statistical Reasoning	Introductory Statistics (OER), 18 <sup>th</sup> Ed.	9781506698236	14.15
			<b>TOTAL</b>	<b>\$303.93</b>

#### Course Fees for AAS – Unmanned Aerial Systems

Course	Course Title	Fee
UAS 0115	Flight Theory	155.00
UAS 0120	Flight Laboratory I	500.00
UAS 0170	Flight Laboratory II	300.00
UAS 0225	Flight Laboratory III	100.00
UAS 0240	Basic Wiring and Avionics Installation	100.00
UAS 0250	Imagery Analysis	100.00
UAS 0270	Autopilot Laboratory	100.00
MATH 1153	Statistical Reasoning	5.00
		<b>TOTAL \$1,360.00</b>

#### Other Fees for AAS – Unmanned Aerial Systems

Description	Fee
RC Club – Annual Membership Fee	40.00
AMA – Annual Insurance Fee	15.00
<b>TOTAL</b>	<b>\$55.00</b>

## Tools/Supplies for AAS – Unmanned Aerial Systems

Quantity	Description	Cost
4	Composition Lab Notebook	20.00
1	Laptop/Notebook Computer – Wifi Capable	500.00
1	TI-30XIIs Graphing Calculator	190.00
<b>BASIC TOOL KIT:</b>		
1	Crimper/cutter	5.00
1	Metric Allen set	10.00
1	Standard Allen set	10.00
1	Small wire cutter	5.00
1	Wire strippers	6.00
1	Exacto knife	5.00
1	Razor blade spares	5.00
1	Zip ties	11.00
1	Precision screw driver kit	8.00
1	Metric nut drivers	8.00
1	DMM	25.00
1	Husky tool case	30.00
1	Flight test plane assembly tools	90.00
1	Battery charger	60.00
1	Training quad copter	35.00
1	Training quad copter spares kit	20.00
1	Lipo bag	10.00
1	Battery balancer	25.00
4	AA Batteries	20.00
4	AAA Batteries	20.00
<b>TRANSMITTERS &amp; RECEIVERS: (Minimum Required)</b>		
	FRSky TaranisX7 with hard protective case	150.00
	TBS Tango 2 Crossfire Tx (optional upgrade)	200.00
	FRSky XR6 6/16 Channel Receiver	30.00
<b>SPARES FOR QUAD BUILD:</b>		
	Battery 2200 ah	25.00
	Propellers Spare Kit (4)	5.00
	Spare Motor	80.00
	Vilros Raspberry Pi 3 kit with clear case and 2.5A Power Supply	50.00
<b>TOTAL</b>		<b>\$1,658.00</b>

### Summary

Tuition	\$15,744.00
Books	\$303.93
Fees	\$1,415.00

Tools/Supplies	\$1,658.00
Program Total	\$19,120.93