

UNDERGRADUATE CERTIFICATES

UG Certificate in Aviation Maintenance Technology (Part 65)

Program-specific Skills: Usefulness to current job UG Certificate in Aviation Maintenance Technology (Part 65) - Worldwide

	M	n	Very Useful		Useful		Not Very Useful		Not at all Useful	
			#	%	#	%	#	%	#	%
Understand and apply the fundamentals of Airframe Maintenance, including structural design, construction, inspection, repair, and maintenance	3.5	11	7	63.6%	3	27.3%	0	0.0%	1	9.1%
Basic knowledge and understanding of common airframe systems and apply system knowledge in basic troubleshooting techniques	3.4	11	7	63.6%	2	18.2%	1	9.1%	1	9.1%
Understand and apply the fundamentals of General Aviation Maintenance, including mathematics, physics, electricity, weight and balance, maintenance record keeping, commonly accepted maintenance practices, and the privileges and limitations of the Airframe and Powerplant mechanic to recognize problems and recommend solutions	3.4	11	6	54.5%	4	36.4%	0	0.0%	1	9.1%
Understand and apply the fundamentals of Powerplant Maintenance, including reciprocating, turbine, and propeller design and construction, performance, operation, inspection, repair and maintenance to solve problems	3.3	11	7	63.6%	2	18.2%	0	0.0%	2	18.2%
Basic knowledge and understanding of common powerplant systems and apply system knowledge in basic troubleshooting techniques	3.3	11	7	63.6%	2	18.2%	0	0.0%	2	18.2%
Adequate preparation to take the FAA A&P written, oral, and practical examination	3.1	10	5	50.0%	3	30.0%	0	0.0%	2	20.0%

SOURCE: 2017 Worldwide Alumni Survey: One Year After Graduation. Class of 2015. (4-Very Useful, 3-Useful, 2-Not Very Useful, 1-Not At All Useful). Institutional Research (2018).

**Program-specific Skills: ERAU's preparation
UG Certificate in Aviation Maintenance Technology (Part 65) - Worldwide**

	M	n	Very High Preparation		High Preparation		Moderate Preparation		Little Preparation	
			#	%	#	%	#	%	#	%
Understand and apply the fundamentals of Airframe Maintenance, including structural design, construction, inspection, repair, and maintenance	3.2	11	6	54.5%	2	18.2%	2	18.2%	1	9.1%
Basic knowledge and understanding of common airframe systems and apply system knowledge in basic troubleshooting techniques	3.3	11	6	54.5%	3	27.3%	1	9.1%	1	9.1%
Understand and apply the fundamentals of General Aviation Maintenance, including mathematics, physics, electricity, weight and balance, maintenance record keeping, commonly accepted maintenance practices, and the privileges and limitations of the Airframe and Powerplant mechanic to recognize problems and recommend solutions	3.3	11	6	54.5%	3	27.3%	1	9.1%	1	9.1%
Understand and apply the fundamentals of Powerplant Maintenance, including reciprocating, turbine, and propeller design and construction, performance, operation, inspection, repair and maintenance to solve problems	3.3	11	6	54.5%	3	27.3%	1	9.1%	1	9.1%
Basic knowledge and understanding of common powerplant systems and apply system knowledge in basic troubleshooting techniques	3.3	11	6	54.5%	2	18.2%	3	27.3%	0	0.0%
Adequate preparation to take the FAA A&P written, oral, and practical examination	2.9	10	5	50.0%	1	10.0%	2	20.0%	2	20.0%

SOURCE: 2017 Worldwide Alumni Survey: One Year After Graduation. Class of 2015. (4-Very Useful, 3-Useful, 2-Not Very Useful, 1-Not At All Useful). Institutional Research (2018).