

# WIND TURBINE MECHANICS AND MAINTENANCE, TECHNICAL DIPLOMA

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The Technical Diploma in Wind Turbine Mechanics and Maintenance offers a well-rounded, Global Wind Organization-approved curriculum that prepares technicians for installing, maintaining, and repairing offshore wind turbines. Students completing the Technical Diploma will also earn the CTC in Offshore Safety and Survival, along with all associated GWO certifications.

Code	Title	Hours
<b>General Education Requirements</b>		
BIOL 2210	Environmental Science	3
ENGL 2300	Technical Writing	3
BIOL 2200	Louisiana Wetlands Ecology	3
GEOL 1010	Physical Geology	3
GEOL 1030	Physical Geology Lab.	1
<b>Major Courses <sup>1</sup></b>		
SECA 1000	Offshore Basic Training	3
SECA 1010	Intro to Rescue Operations	3
SECA 1020	Adv. Rescue Ops & First Aid	2
SECA 1030	Introduction to Wind Energy	3
SECA 1100	Intro to Mechanical Systems	2
SECA 1110	Basics of Electric Motors	2
SECA 1120	Basics of Hydraulic Systems	2
SECA 1130	Installation Lab	2
SECA 2000	Wind Turbine Blade Repair	6
SECA 2010	WTG Hazardous Energies	2
SECA 2011	Managing Working at Heights	4
CSTL 2323	Introduction to sUAS	3
CSTL 2321	Drone Surveying Lab	1
<b>Total Hours</b>		<b>48</b>

<sup>1</sup> Must earn a grade of "C" or better in each.