

WIND ENERGY TECHNOLOGY, ASSOCIATE OF APPLIED SCIENCE

As an applied, academic degree program that includes a Global Wind Organisation-approved curriculum, the Associate of Applied Science in Wind Energy Technology prepares students for immediate employment as wind turbine technicians or for transfer to a four-year institution of higher learning. Students completing the Associate of Applied Science will also earn the Career and Technical Certificate in Offshore Safety and Survival and the Technical Diploma in Wind Turbine Mechanics and Maintenance, along with all associated GWO certifications.

Code	Title	Hours
General Education Requirements		
MATH 1300	College Algebra	3
ENGL 1010	English Composition I	3
ENGL 2300	Technical Writing	3
GEOL 1010	Physical Geology	3
GEOL 1030	Physical Geology Lab.	1
BIOL 2210	Environmental Science	3
BIOL 2200	Louisiana Wetlands Ecology	3
Humanities Elective		3
Social/Behavioral Sciences Electives		3
Major Courses ¹		
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
Total Hours		60

¹ Grades of "C" or better are required for all courses in this area.