

Machine/Welding Shop PMEC 180

Kevin Winn

Marine Engineering Technology



TEXAS A&M
UNIVERSITY

GALVESTON CAMPUS®



Kevin Winn
Lab Tech

Lab Objectives

Lab Capabilities

Measurements of electrical quantities including voltage, current, reactive power, real power and power factor in both single and three-phase configurations. Mechanical quantities include rotational velocity torque are also measured. Equipment for the winding of inductor and transformer coils is also available as is equipment for the measurement and analysis of low-frequency signals. Programmable logic controllers and solid-state drives are also used to provide students with the use of these devices.

Lab Facilities

Lathes
Welding Machines
Drill presses
Cutting Torches
Metal Cutting tools
Hand tools

Courses Supported

MARE 242
MARE 243
MARE/MARR 451 and 452

Research Supported

Undergraduate Senior Design Courses
Faculty Applied Engineering Projects



Texas A&M University at Galveston

Marine Engineering Technology Department