MEC E 541 - Combustion Engines

★ 3 (fi 6) (either term or Spring/Summer, 3-0-0) History of basic cycles, combustion theory including ignition flame propagation and engine knock, cycle analysis with deviations from ideal cycles and performance characteristics, fuels, design and operation of carburation and injection processes, exhaust emissions measurements. Identification of design parameters and their effect on emissions. Prerequisite: MEC E 340.