

EEMF6383 - Plasma Science

[EEMF 6383](#) ([MECH 6383](#) and [PHYS 6383](#)) Plasma Science (3 semester credit hours) Theoretically oriented study of plasmas. Topics to include: fundamental properties of plasmas, fundamental equations (kinetic and fluid theory, electromagnetic waves, plasma waves, plasma sheaths), plasma chemistry and plasma diagnostics. Prerequisite: [EEGR 6316](#) or equivalent. (3-0) T