

GRADUATE COURSE OUTLINES

GRADUATE COURSE SYLLABI

[MTSE601](#) (FUNDAMENTALS OF ENGINEERING MATERIALS)

[MTSE602](#) (THERMODYNAMICS OF MATERIALS)

[MTSE610](#) (MECHANICAL PROPERTY OF MATERIALS)

[MTSE655](#) (DIFFUS & SOLID STATE KIN)

[MTSE681](#) (COMPOSITE MATERIALS)

[MTSE719](#) (PHYSICAL PRINCIPLES OF CHARACTERIZATION OF SOLIDS)

[MTSE724](#) (TRANSPORT OF ELECTRONS AND PHONONS IN SOLIDS)

[MTSE765](#) (SCI & TECH THIN FILMS)

[MTSE788](#) (APPL COMP METH-PHYS & MATLS II)

[PHYS611](#) (ADV CLASSICAL MECHANICS)

[PHYS621](#) (CLASSICAL ELECTRODYNAMICS)

[PHYS641](#) (STATISTICAL MECHANICS)

[PHYS687](#) (PHYSICS OF MATERIALS)

[PHYS721](#) (CLASSICAL ELECTRODYNAMICS II)

[PHYS731](#) (QUANTUM MECHANICS II)

[PHYS747](#) (INTRO TO HELIOSEISMOLOGY)

[PHYS753](#) (LIGHT SOURCES AND PHOTODETECTORS)

[PHYS780](#) (SPECIAL TOPICS COURSE)