

School of Engineering

Biomedical Engineering

EGRB 691 TOPICS: ADV CARDIO DYNAMICS

12103 001 (3) May 30 – Aug 18
TBA
MILLER, G

Lectures, tutorial studies and library assignments in selected areas of advance study or specialized laboratory procedures not available in other courses or as part of the research training.

EGRB 697 DIRECTED RES IN BIOMECH EGR

10848 801 (V 1-15) May 22 – Aug 18 (13 wks)
TBA
STAFF

Research leading to the M.S. degree or elective research projects for other students.

Mechanical Engineering

EGRM 202 MECHANICS FOR DEFORMABLES

10850 001 (3) May 22 – Jun 22 (5 wks)
MTWRF 0900AM – 1100AM ENGRB 0401
HAAS, T

Prerequisites: ENGR 102, MATH 200-201. An introductory course covering the mechanics of deformable solids. Subjects include stress, strain and constitutive relations; bending of beams; torsion; shearing; deflection of beams; column buckling; fatigue; failure theory; analysis and design of bar-type members.

Engineering

ENGR 491 MATERIALS CHEMISTRY & LAB

12055 005 (4) May 31 – Jul 21
MTWRF 0900AM – 1200PM ENGRB 0103
PALMER, M
PERMISSION OF INSTRUCTOR REQUIRED

Prerequisite: Determined by the instructor. Specialized topics in engineering designed to provide a topic not covered by an existing course or program. General engineering or multidisciplinary. May be repeated with different content. Grade Option: P/F or normal letter grading. Option will be established by the instructor.

ENGR 492 INDEPENDENT STUDY

11845 001 (1) May 22 – Aug 18 (13 wks)
TBA
PALMER, M

11846 002 (2) May 22 – Aug 18 (13 wks)
TBA
PALMER, M

10886 003 (3) May 22 – Aug 18 (13 wks)
TBA
PALMER, M

11847 004 (4) May 22 – Aug 18 (13 wks)
TBA
PALMER, M

11848 005 (5) May 22 – Aug 18 (13 wks)
TBA
PALMER, M

Prerequisite: Permission of the instructor. Students must submit a written proposal to be approved by the supervising instructor prior to registration. Investigation of specialized engineering problems that are multidisciplinary or of general interest through literature search, mathematical analysis, computer simulation, and/or laboratory experimentation. Written and oral progress reports as well as a final report and presentation are required. Grade Option: P/F or normal letter grading. Option will be established by the instructor.