TEACHING

COURSES TAUGHT & CURRENTLY TEACHING

GRADUATE COURSES

ENGR 6451 System Reliability
ENGR 6441 Materials Engineering For Aerospace
MECH 6671 Finite Element Method in Machine Design
MECH 6441 Stress Analysis in Mechanical Design
MECH 6061 Analysis And Design Of Hydraulic Control Systems
MECH 6641 Engineering Fracture Mechanics And Fatigue
MECH 6651 Structural Composites
MECH 6471 Aircraft Structures
MECH 511 Mechanical Engineering Software In The FEM
MECH 658 Mechanical Behavior of Polymer Composite Materials
MECH 743 Stress Analysis and Vibration of Structures Made of Composite Materials
MECH 742 Design of Machine Elements Using FEM
MECH 6501 Advanced Materials

UNDERGRADUATE COURSES

MECH 426 Stress and Failure Analysis of Machinery
MECH 460 Finite Element Analysis
MECH 443 Mechanical Vibrations
MECH 463 Fluid Power Control
MECH 481 Materials Engineering For Aerospace
MECH 422 Mechanical Behavior of Polymer Composite Materials
ENGR 361 Fluid Mechanics I
ENGR 361 Fluid Mechanics I: Tutorial
ENGR 371 Probability and Statistics in Engineering
MECH 221 Materials Science
ENGR 243 Dynamics
MECH 321 Properties and Failure of Materials
MLAB 321 Properties and Failure of Materials: Tutorial
MLAB 361 Fluid Mechanics I: Tutorial
MECH 411 Design and Analysis of Mechanical Components
MLAB 411 Design and Analysis of Mechanical Components: Tutorial
ENGR 274 Modelling and Analysis of Physical Systems

DEVELOPMENT OF NEW COURSES

Undergraduate Courses:

MECH 426 Stress and Failure Analysis of Machinery
MECH 481 Materials Engineering For Aerospace

Graduate Courses:

MECH 511 Mechanical Engineering Software In The FEM
MECH 6471 Aircraft Structures
MECH 6641 Engineering Fracture Mechanics And Fatigue
MECH 6651 Structural Composites
MECH 6671 Finite Element Method in Machine Design

TEACHING AWARD

Awarded by the Department of Mechanical Engineering in 1996.