

TEACHING EXPERIENCE:

Since 1988, Dr. Rasty has taught and Developed (**) the Following Undergraduate and Graduate Courses in Mechanical Engineering:

- 1) Statics, TTU-ME 2464
- 2) Design Through Failure Analysis (**), TTU-ME 4342
- 3) Mechanical Metallurgy (**), TTU-ME 4343,
- 4) Materials Science, TTU-ME 3311,
- 5) Measurements & Instrumentation Laboratory - ME 3218
- 6) Materials and Mechanics Laboratory, TTU-ME 3328
- 7) Materials in Design (**), TTU-ME 4341,
- 8) Manufacturing Processes (**), TTU-ME 4344,
- 9) Dynamics, TTU-ME 3331,
- 10) Introduction to Machine Design, TTU-ME 3364,
- 11) Machine Component Design, TTU-ME 3365,
- 12) Mechanical Systems Laboratory, TTU-ME 4252,
- 13) Applied Mechanics (**), TTU-ME 4362,
- 14) Senior Design-I, TTU-ME 4370,
- 15) Senior Design-II, TTU-ME 4371,
- 16) Individual Studies, TTU-ME 4331,

- 17) Fracture and Failure Analysis (**), TTU-ME 5342 (graduate)
- 18) Foundations of Solid Mechanics (**), TTU-ME 5352 (graduate),
- 19) Plasticity and Viscoelasticity (**), TTU-ME 5353, (graduate),
- 20) Theory of Thermal Stresses (**), TTU-ME 5344, (graduate),
- 21) Deformation Mechanics (**), TTU-ME 5331, (graduate).
- 22) Dislocation Mechanics (**), TTU-ME 5343, (graduate).