**COURSES TAUGHT**

**COURSES TAUGHT IN RECENT YEARS**

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| Ch.E.311 | Chemical Reaction Engineering (METU, 2 times, 1983-1984, 11 times 1996-2011) |
| PST. 503 | Polymer Physics, (METU, 10 times, 1997-2010) |
| Ch.E. 461 | Polymer Additives, Blends & Composites (METU, 4 times, 2005-2008) |
| Ch.E. 572 | Paint Technology (METU, 6 times, 1990-2009) |
| Ch.E. 464 | Polymer Material Evaluation and Product Design (METU, 1 times, 2009) |
| Ch.E. 528 | Nonlinear Phenomena I: Irreversible and Nonequilibrium Thermodynamics (METU, 4 times, 1996-2010) |
| Ch.E. 538 | Nonlinear Phenomena II: Chaos, Fractals, and Pattern Formation (METU, 5 times, 1997-2011) |

**COMPLETE LIST**

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| 1. | Ch.E.3l5 | Instrumental Analysis (METU\*, 5 times, 1975-1977) |
| 2. | Ch.E.562 | Nuclear Methods in Chemical Technology (METU, 5 times, 1976-1980) |
| 3. | Junior level, | Chemical Engineering Kinetics I (A.U.\*\*, once, 1975) |
| 4. | Junior level,  | Chemical Engineering Kinetics II (A.U once, 1976) |
| 5. | Senior level,  | Unit Processes I (A.U, 2 times, l975; G.U.\*\*\*, 2 times, (1976) |
| 6. | Senior level,  | Unit Processes II (A.U, 2 times, l975; G.U., 2 times, (1976) |
| 7. | Ch.E.233 | Physical Chemistry I (METU, 6 times,1976-198l, 4 times, 1990-1993) |
| 8. | Ch.E.234 | Physical Chemistry II (METU, 7 times,1976-198l, 3 times, 1991-1995) |
| 9. | Ch.E.543 | Nuclear Technology (METU, once, 1981,once 1995) |
| 10. | Phys.25ll | Heat and Thermodynamics (CNS, 3 times, 1982-1983) |
| 11. | Phys.4220 | Nuclear Reactor Physics (CNS, 3 times, 1982-1983) |
| 12. | Phys.4110 | Nuclear Physics (CNS, 3 times, 1982-1983) |
| 13. | Math.1200 | Mathematics (CNS, 2 times, 1982-1983) |
| 14. | Phys.2111 | Mechanics (CNS, 2 times, l982-l983) |
| 15. | Phys.2112 | Fluids (CNS, 3 times, 1982-1983) |
| 16. | Phys.2512 | Electricity (CNS, 3 times, 1982-1983) |
| 17. | Tech.2411  | Instrumentation (CNS, 3 times, 1982-1983) |
| 18. | Chem.1010 | Chemistry and Materials of Construction (CNS, once, 1982) |
| 19. | Ch.E.4l5 | Introduction to Nuclear Engineering (METU, once, 1983) |
| 20. | Ch.E.311 | Chemical Reaction Engineering (METU, 2 times, 1983-1984, 11 times 1996-2011) |
| 21. | Ch.E.411/414 | Inorganic Chemical Technology(METU, 8 times, 1983-2000with 2 more faculty members, subject: ceramics or paint technology) |
| 22. | Ch.E.412 | Organic Chemical Technology, (METU, 4 times, 1984-1998, with 3 more faculty members, subject: polymers) |
| 23. | Ch.E.597 | Graduate Seminar (METU, once, 1983) |
| 24. | Ch.E.400 | Graduation Project (METU, once l984, 6 times 1991-1996, 3 times 2007-2009) |
| 25. | Ch.E.420 | Unit Operations Laboratory (METU, 7 times, 1984-1993, 2009) |
| 26. | Ch.E.204 | Thermodynamics (METU, once, 1984) |
| 27. | N.E.531/Ch.E. 571 | Nuclear Fuels and Fuel Management(METU, 8 times, 1984-1991) |
| 28. | N.E. 505 | Nuclear Reactor Theory I (METU, once, 1984) |
| 29. | N.E. 506 | Nuclear Reactor Theory II (METU, 7 times, 1985-1991) |
| 30. | Ch.E.333/301 | Applied Physical Chemistry(METU, 18 times, 1985-2003) |
| 31. | Ch.E.101-102 | Introduction to Chemical Engineering(METU, 3 times, 1985-1987, 2 times 1995-1996) |
| 32. | N.E.508 | Reactor Physics Experiments(METU, once,1987) |
| 33. | Ch.E.442 | Polymer Technology (METU, 4 times, 1987-1993) |
| 34. | N.E. 584 | Plasma Kinetic Theory (METU, once, 1987) |
| 35. | N.E. 586 | Plasma Wave Theory (METU, once, 1988) |
| 36. | Ch.E.542 | Polymer Engineering (METU, once, 1988) |
| 37. | Ch.E.509 | Structure, Property, and Processing Relationships of Polymers (METU, once, 1989, with two more faculty members, subject: Polymer Statistics) |
| 38. | Phys.525 | Magnetohydrodynamics (METU, once, 1989) |
| 39. | Phys. 570 | Applied Plasma Physics (METU, once, 1990, with two more faculty members, subject: Plasma Polymerization) |
| 40. | Ch.E.548 | Ceramic Technology (METU, once, 1990) |
| 41. | Ch.E.572 | Paint Technology (METU, 6 times, 1990-2009) |
| 42. | Ch.E. 528 | Nonlinear Phenomena I: Irreversible and Nonequilibrium Thermodynamics (METU, 4 times, 1991-1994 and also as a combination of Ch.E. 528 and Ch.E. 538; 3 times, 1996-2005) |
| 43. | Ch.E. 538 | Nonlinear Phenomena II: Chaos, Fractals, and Pattern Formation (METU, 5 times, 1997-2011) |
| 44. | Ch.E.444 | Structure Property Relations in Macromolecular Media (METU, once; 1994) |
| 45. | Ch.E. 501 | Advanced Thermodynamics (METU, once; 1997) |
| 46. | PST.504 | Structure Property Relations in Polymers(METU, 2 times, 1995-1996) |
| 47. | PST. 597 | Graduate Seminar, (METU, once, 1997) |
| 48. | PST. 503 | Polymer Physics, (METU, 10 times, 1997-2010) |
| 49. | Mat E§. 272 | Principles of Materials Science and Engineering (ISU, once, 2002) |
| 50. | Mat E§. 453 | Introduction to Polymer Blends and Composites (ISU, once, 2002) |
| 51. | Mat E§. 454 | Industrial Polymers & Processing (ISU, once, 2003) |
| 52. | MSE§. 502 | Kinetics of Processes in Materials Science (ISU, once, 2003) |
| 53. | Ch.E. 461 | Polymer Additives, Blends & Composites (METU, 4 times, 2005-2008) |
| 54. | Ch.E. 464 | Polymer Material Evaluation and Product Design (METU, 1 times, 2009) |
| 55. | Ch.E. 410 | Chemical Engineering Laboratory II (METU, 1 times, 2010) |
| 56. | Ch.E. 494 / CHME433 | Resources Engineering II (METU, Ankara and Cyprus Campus, with another instructor, once, 2010) |

\* METU, Middle East Technical University, Ankara

\*\* A.U., Anadolu University, Eskişehir

\*\*\* G.U., Gazi University, Ankara

+ CNS, Center for Nuclear Studies, Memphis State University, Memphis, Tennessee

++ NE, Nuclear Engineering Program, (interdisciplinary), METU

+++ PST, Polymer Science and Technology Program, (interdisciplinary),

 METU

§ Iowa State University, Dept. of Materials Science & Engineering,

 Ames, Iowa

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