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| **DEPARTMENT OF MECHANICAL ENGINEERING****Courses Pool of Ph.D. in Mechanical Engineering** |
| **COURSE****CODE** | **COURSE NAME** | **CREDIT** | **ECTS** | **C / S** | **INSTRUCTOR** |
| LUEE801 | Scientific Research Techniques and Science Ethics | 3+0+3 | 8 | C | Prof.Dr. HASAN GÖKKAYA |
| MKM801 |  Source Inspection and Control | 3+0+3 | 8 | S | Assoc. Prof. Dr. HARUN ÇUĞ |
| MKM802 |  Unconventional Manufacturing Methods | 3+0+3 | 8 | S | Lecturer Dr. KHALED M.N. CHAHROUR |
| MKM803 |  Heat Conduction | 3+0+3 | 8 | S | Lecturer Dr. ENES KILINÇ |
| MKM804 |  Finite Element Method | 3+0+3 | 8 | S | Assoc. Prof. Dr. MEHMET ERDİ KORKMAZ |
| MKM811 |  Exergy Analysis | 3+0+3 | 8 | S | Prof.Dr. YAŞAR YETİŞKEN |
| MKM821 |  Composite Materials and Their Machinability | 3+0+3 | 8 | S | Assoc. Prof. Dr. GÖKHAN SUR |
| MKM823 |  Powder Metallurgy Production Methods | 3+0+3 | 8 | S | Assoc. Prof. Dr. HARUN ÇUĞ |
| MKM827 |  Power Transmission in Vehicles | 3+0+3 | 8 | S | Prof.Dr. SELAMİ SAĞIROĞLU |
| MKM829 |  Advanced Maintenance Techniques | 3+0+3 | 8 | S | Lecturer Dr. ENGİN YILDIRIM |
| MKM830 |  Optimization of Machinability Properties of Industrial Materials | 3+0+3 | 8 | S | Prof.Dr. MUSTAFA GÜNAY |
| MKM831 |  Energy Quality | 3+0+3 | 8 | S | Lecturer Dr. CEVAT ÖZARPA |
| MKM833 |  Quality Management and Organization I | 3+0+3 | 8 | S | Assoc. Prof. Dr. RECEP DEMİRSÖZ |
| MKM834 |  Quality Management and Organization II | 3+0+3 | 8 | S | Assoc. Prof. Dr. RECEP DEMİRSÖZ |
| MKM841 |  Fundamentals of Fracture Mechanics | 3+0+3 | 8 | S | Prof.Dr. KHANGARDASH ASGAROV |
| MKM844 |  Alternative Fuel Applications and Performance Analysis in Internal Combustion Engines | 3+0+3 | 8 | S | Assoc. Prof. Dr. MEHMET ÇELİK |
| MKM847 |  Material Technologies and Joining Techniques in Vehicles | 3+0+3 | 8 | S | Prof.Dr. FATİH HAYAT |
| MKM896 |  Doctoral Qualification | 0+1+0 | 26 | C | All Faculty Members in the Program |
| MKM897 |  Doctoral Seminar | 0+2+0 | 6 | C | All Faculty Members in the Program |
| MKM898D |  Course Specialised Field | 4+0+0 | 4 | C | All Faculty Members in the Program |
| MKM898T |  Thesis Specialised Field | 4+0+0 | 4 | C | All Faculty Members in the Program |
| MKM899 |  Doctoral Thesis Work | 0+1+0 | 26 | C | All Faculty Members in the Program |
| MKM815 |  Heat Transfer | 3+0+3 | 8 | S | Lecturer Dr. ENES KILINÇ |
| MKM819 |  Engineering Optimization | 3+0+3 | 8 | S | Lecturer Dr. TUĞÇE YILDIZ |
| MKM820 |  Advanced Dynamics | 3+0+3 | 8 | S | Prof.Dr. İSMAİL ESEN |
| MKM824 |  Precision Machining | 3+0+3 | 8 | S | Lecturer Dr. CEVAT ÖZARPA |
| MKM828 |  Fuels in Internal Combustion Engines | 3+0+3 | 8 | S | Prof.Dr. MUSTAFA BAHATTİN ÇELİK |
| MKM838 |  Forming Mechanics and Applications. | 3+0+3 | 8 | S | Prof.Dr. BİLGE DEMİR |