|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **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 |