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| **DEPARTMENT OF MECHANICAL ENGINEERING**  **Courses Pool of Master’s Degree in Mechanical Engineering English with Thesis** | | | | | |
| **COURSE**  **CODE** | **COURSE NAME** | **CREDIT** | **ECTS** | **C / S** | **INSTRUCTOR** |
| GEI701 | Scientific Research Techniques and Scientific Ethics | 3+0+3 | 8 | C | Assoc. Prof. Dr. OKAN ÜNAL |
| MCE712 | Advanced Manufacturing Processes | 3+0+3 | 8 | S | Lecturer Dr. KHALED M.N. CHAHROUR |
| MCE717 | Surface Engineering | 3+0+3 | 8 | S | Assoc. Prof. Dr. OKAN ÜNAL |
| MCE726 | Experimental Methods for Engineers | 3+0+3 | 8 | S | Lecturer Dr. SEZER PIÇAK |
| MCE729 | Conduction Heat Transfer | 3+0+3 | 8 | S | Lecturer Dr. ENES KILINÇ |
| MCE745 | Rolling Technology | 3+0+3 | 8 | S | Lecturer Dr. BİLAL ÇOLAK |
| MCE747 | Mechanical Vibrations Active and Passive Control | 3+0+3 | 8 | S | Lecturer Dr. ENGİN YILDIRIM |
| MCE748 | Analytical Methods For Studies Of Vibration | 3+0+3 | 8 | S | Lecturer Dr. ENGİN YILDIRIM |
| MCE749 | Optimization and Prediction Techniques | 3+0+3 | 8 | S | Assoc. Prof. Dr. SAMET USLU |
| MCE751 | Finite Element Analysis of Composite Materials | 3+0+3 | 8 | S | Assoc. Prof. Dr. MEHMET ERDİ KORKMAZ |
| MCE754 | Applications of Industrial Hydraulics and Pneumatics | 3+0+3 | 8 | S | Lecturer Dr. ADEM FATİH ÖZALP |
| MCE797 | MSc Seminar | 0+2+0 | 6 | C | All Faculty Members in the Program |
| MCE798D | Course Specialised Field | 4+0+0 | 4 | C | All Faculty Members in the Program |
| MCE798T | Thesis Specialised Field | 4+0+0 | 4 | C | All Faculty Members in the Program |
| MCE799 | MSc Thesis Research | 0+1+0 | 26 | C | All Faculty Members in the Program |
| MCE724 | Multiscale Materials Design | 3+0+3 | 8 | S | Doç.Dr. OKAN ÜNAL |
| MCE732 | Experimental Methods for Engineers | 3+0+3 | 8 | S | Lecturer Dr. SEZER PIÇAK |
| MCE752 | Thermoeconomic Analysis of Thermal Systems | 3+0+3 | 8 | S | Lecturer Dr. ERHAN KAYABAŞI |
| MCE753 | Advanced Thermodynamics | 3+0+3 | 8 | S | Lecturer Dr. ABDULRAZZAK AHMED SALEH AKROOT |
| MCE755 | Micro and Nano Manufacturing Technologies | 3+0+3 | 8 | S | Lecturer Dr. KHALED M.N. CHAHROUR |
| MCE757 | Additive Manufacturing Process and Design | 3+0+3 | 8 | S | Lecturer Dr. AHMET FATİH YILMAZ |