

| ÖĞRENCİNİN OKUDUĞU LİSANS PROGRAMI                          |   |      |  | ÇİFT ANADAL YAPACAĞI PROGRAM                            |   |      |  | EŞDEĞER DERSLER   |  |       |  | ÇİFT ANADALINDA ALACAĞI DERSLER                       |   |      |  |
|---|---|------|--|---|---|------|--|---|--|-------|--|---|---|------|--|
| ULUSLARARASI TİCARET (İNGİLİZCE) LİSANS PROGRAMI DERS PLANI |   |      |  | ENDÜSTRİ MÜHENDİSLİĞİ BÖLÜMÜ LİSANS PROGRAMI DERS PLANI |   |      |  | ULUSLARARASI TİCARET (İNGİLİZCE) LİSANS PROGRAMI DERS PLANI |  |       |  | ENDÜSTRİ MÜHENDİSLİĞİ LİSANS PROGRAMI ALACAĞI DERSLER |   |      |  |
| 1. YARIYIL  |   |      |  | 1. YARIYIL  |   |      |  | 1. YARIYIL  |  |       |  | 1. YARIYIL  |   |      |  |
| DERS KODU   | DERS ADI  | AKTS |  | DERS KODU   | DERS ADI  | AKTS |  | DERS KODU   | DERS ADI   | AKTS  |  | DERS KODU   | DERS ADI  | AKTS |  |
| MCB3001   | General Mathematics I                                     | 5    |  | IE1001  | Introduction to Computing                             | 6    |  | COM1001 / IE1001  | Introduction to Computer I / Introduction to Computing   | 4 / 6 |  |   |   |      |  |
| FEAA1003  | Introduction to Business                                  | 5    |  | IE1601  | Engineering Graphics                                  | 5    |  | COM2001 / IE1001  | Introduction to Computer II / Introduction to Computing  | 4 / 6 |  | IE1601  | Engineering Graphics                                  | 5    |  |
| COM1001   | Introduction to Computer I                                | 4    |  | IE1801  | Engineering Orientation                               | 2    |  | FEAA1011 / IE1801   | Research Methods / Engineering Orientation   | 4 / 2 |  |   |   |      |  |
| FEAA1004  | Introduction to Economics                                 | 5    |  | MCB1001   | Calculus I  | 7    |  | MCB3001 / MCB1001   | General Mathematics I / Calculus I   | 5 / 7 |  | PHY1001   | Physics I   | 7    |  |
| FEAA1005  | Introduction to Law                                       | 4    |  | PHY1001   | Physics I   | 7    |  |   |  |       |  |   |   |      |  |
| TR1001  | Professional English I                                    | 3    |  | ATA1001   | Principles of Atatürk and History of Revolution I     | 2    |  | ATA1001 / ATA1001   | Atatürk's Principles And History of Turkish Revolution I / Principles of Atatürk and History of Revolution I   | 2 / 2 |  |   |   |      |  |
| ATA1001   | Atatürk's Principles And History of Turkish Revolution I  | 2    |  | TR1001  | Turkish I   | 2    |  | TR1001 / TR1001   | Turkish I / Turkish I  | 2 / 2 |  |   |   |      |  |
| TR1001  | Turkish I   | 2    |  | IE1702  | Academic English for Industrial Engineering I         | 3    |  | TR1001 / IE1702   | Professional English I / Academic English for Industrial Engineering I   | 3 / 3 |  |   |   |      |  |
| 2. YARIYIL  |   |      |  | 2. YARIYIL  |   |      |  | 2. YARIYIL  |  |       |  | 2. YARIYIL  |   |      |  |
| DERS KODU   | DERS ADI  | AKTS |  | DERS KODU   | DERS ADI  | AKTS |  | DERS KODU   | DERS ADI   | AKTS  |  | DERS KODU   | DERS ADI  | AKTS |  |
| TR2001  | International Law and European Union Law                  | 5    |  | IE2002  | Introduction to Programming                           | 5    |  |   |  |       |  | IE2002  | Introduction to Programming                           | 5    |  |
| FEAA1011  | Research Methods  | 4    |  | IE2401  | Introduction to Industrial Engineering                | 3    |  |   |  |       |  | IE2401  | Introduction to Industrial Engineering                | 3    |  |
| FEAA1008  | Principles of Accounting                                  | 5    |  | IE2602  | General Chemistry                                     | 5    |  |   |  |       |  | IE2602  | General Chemistry                                     | 5    |  |
| COM2001   | Introduction to Computer II                               | 4    |  | MCB1002   | Calculus II   | 7    |  |   |  |       |  | MCB1002   | Calculus II   | 7    |  |
| FEAA1007  | Micro Economics   | 5    |  | PHY2001   | Physics II  | 7    |  |   |  |       |  | PHY2001   | Physics II  | 7    |  |
| TR2002  | Professional English II                                   | 3    |  | ATA2001   | Principles of Atatürk and History of Revolution II    | 2    |  | ATA2001 / ATA2001   | Atatürk's Principles And History of Turkish Revolution II / Principles of Atatürk and History of Revolution II | 2 / 2 |  |   |   |      |  |
| ATA2001   | Atatürk's Principles And History of Turkish Revolution II | 2    |  | TR2001  | Turkish II  | 2    |  | TR2001 / TR2001   | Turkish II / Turkish II  | 2 / 2 |  |   |   |      |  |
| TR2001  | Turkish II  | 2    |  | IE2703  | Academic English for Industrial Engineering II        | 3    |  | TR2002 / IE2703   | Professional English II / Academic English for Industrial Engineering II                                       | 3 / 3 |  |   |   |      |  |
| 3. YARIYIL  |   |      |  | 3. YARIYIL  |   |      |  | 3. YARIYIL  |  |       |  | 3. YARIYIL  |   |      |  |
| DERS KODU   | DERS ADI  | AKTS |  | DERS KODU   | DERS ADI  | AKTS |  | DERS KODU   | DERS ADI   | AKTS  |  | DERS KODU   | DERS ADI  | AKTS |  |
| FEAA1009  | Probability and Statistics I                              | 5    |  | IE3003  | Object Oriented Programming                           | 5    |  |   |  |       |  | IE3003  | Object Oriented Programming                           | 5    |  |
| TR3001  | Principles of Marketing                                   | 5    |  | IE3101  | Introduction to Probability                           | 6    |  | FEAA1007 / IE3501   | Micro Economics / Economics  | 5 / 4 |  | IE3101  | Introduction to Probability                           | 6    |  |
| FEAA1001  | Business Management                                       | 5    |  | IE3501  | Economics   | 4    |  | FEAA1006 / IE3501   | Macro Economics / Economics  | 5 / 4 |  |   |   |      |  |
|   |   |      |  |   |   |      |  | FEAA1008 / IE3502   | Principles of Accounting / Financial and Cost Accounting   | 5 / 4 |  |   |   |      |  |
| FEAA1006  | Macro Economics   | 5    |  | IE3502  | Financial and Cost Accounting                         | 4    |  |   |  |       |  | IE3603  | Materials Science                                     | 4    |  |
|   | Seçimlik Alan Dışı  | 2    |  | IE3603  | Materials Science                                     | 4    |  |   |  |       |  | MCB1004   | Linear Algebra  | 6    |  |
|   | Seçimlik Alan Dersi                                       | 8    |  | MCB1004   | Linear Algebra  | 6    |  |   |  |       |  |   |   |      |  |
|   |   |      |  |   | Elektif (minimum 2 AKTS)                              | 2    |  |   |  |       |  |   |   |      |  |
| 4. YARIYIL  |   |      |  | 4. YARIYIL  |   |      |  | 4. YARIYIL  |  |       |  | 4. YARIYIL  |   |      |  |
| DERS KODU   | DERS ADI  | AKTS |  | DERS KODU   | DERS ADI  | AKTS |  | DERS KODU   | DERS ADI   | AKTS  |  | DERS KODU   | DERS ADI  | AKTS |  |
| TR4001  | International Trade                                       | 5    |  | IE4004  | Numerical Analysis for Industrial Engineers           | 5    |  |   |  |       |  | IE4004  | Numerical Analysis for Industrial Engineers           | 5    |  |
| FEAA1010  | Probability and Statistics                                | 5    |  | IE4102  | Statistics for Engineers                              | 6    |  |   |  |       |  | IE4102  | Statistics for Engineers                              | 6    |  |
| TR4002  | Management of Export and Import                           | 4    |  | IE4201  | Operations Research I                                 | 7    |  |   |  |       |  | IE4201  | Operations Research I                                 | 7    |  |
|   | Seçimlik Alan Dersi                                       | 16   |  | IE4503  | Engineering Economics                                 | 6    |  |   |  |       |  | IE4503  | Engineering Economics                                 | 6    |  |
|   |   |      |  |   | Elektif (minimum 4 AKTS)                              | 4    |  |   |  |       |  |   |   |      |  |
|   |   |      |  |   | Elektif (minimum 2 AKTS)                              | 2    |  |   |  |       |  |   |   |      |  |
| 5. YARIYIL  |   |      |  | 5. YARIYIL  |   |      |  | 5. YARIYIL  |  |       |  | 5. YARIYIL  |   |      |  |
| DERS KODU   | DERS ADI  | AKTS |  | DERS KODU   | DERS ADI  | AKTS |  | DERS KODU   | DERS ADI   | AKTS  |  | DERS KODU   | DERS ADI  | AKTS |  |
| TR5001  | Logistics Management                                      | 5    |  | IE5202  | Operations Research II                                | 7    |  |   |  |       |  | IE5202  | Operations Research II                                | 7    |  |
| TR5002  | Writing in International Trade                            | 3    |  | IE5403  | Facilities Design and Planning                        | 7    |  |   |  |       |  | IE5403  | Facilities Design and Planning                        | 7    |  |
|   | Seçimlik Alan Dışı  | 2    |  | IE5802  | Industrial Training I                                 | 3    |  |   |  |       |  | IE5802  | Industrial Training I                                 | 3    |  |
|   | Seçimlik Alan Dersi                                       | 20   |  |   | Departmental Elective (minimum 13 AKTS)               | 13   |  |   |  |       |  |   | Departmental Elective (minimum 13 AKTS)               | 13   |  |
| 6. YARIYIL  |   |      |  | 6. YARIYIL  |   |      |  | 6. YARIYIL  |  |       |  | 6. YARIYIL  |   |      |  |
| DERS KODU   | DERS ADI  | AKTS |  | DERS KODU   | DERS ADI  | AKTS |  | DERS KODU   | DERS ADI   | AKTS  |  | DERS KODU   | DERS ADI  | AKTS |  |
| TR6001  | International Trade Law                                   | 4    |  | IE6103  | Design of Experiments                                 | 6    |  |   |  |       |  | IE6103  | Design of Experiments                                 | 6    |  |
| TR6002  | International Trade Organizations                         | 5    |  | IE6404  | Production Planning and Control                       | 7    |  |   |  |       |  | IE6404  | Production Planning and Control                       | 7    |  |
| TR6003  | Supply Chain Management and it's Strategies               | 5    |  |   | Departmental Elective (minimum 17 AKTS)               | 17   |  |   |  |       |  |   | Departmental Elective (minimum 17 AKTS)               | 17   |  |
|   | Seçimlik Alan Dersi                                       | 16   |  |   |   |      |  |   |  |       |  |   |   |      |  |
| 7. YARIYIL  |   |      |  | 7. YARIYIL  |   |      |  | 7. YARIYIL  |  |       |  | 7. YARIYIL  |   |      |  |
| DERS KODU   | DERS ADI  | AKTS |  | DERS KODU   | DERS ADI  | AKTS |  | DERS KODU   | DERS ADI   | AKTS  |  | DERS KODU   | DERS ADI  | AKTS |  |
| TR7001  | Turkish Foreign Trade Policy                              | 4    |  | IE7203  | Simulation Modelling                                  | 6    |  |   |  |       |  | IE7203  | Simulation Modelling                                  | 6    |  |
| TR7002  | International Trade Logistics                             | 5    |  | IE7405  | Supply Chain Management                               | 5    |  | TR6003 / IE7405   | Supply Chain Management and It's Strategies / Supply Chain Management  | 5 / 5 |  |   |   |      |  |
| FEAA1001  | Entrepreneurship and it's Applications                    | 5    |  | IE7803  | Industrial Training II                                | 3    |  |   |  |       |  | IE7803  | Industrial Training II                                | 3    |  |
|   | Seçimlik Alan Dersi                                       | 16   |  |   | Departmental Elective (minimum 16 AKTS)               | 16   |  |   |  |       |  |   | Departmental Elective (minimum 14 AKTS)               | 14   |  |
| 8. YARIYIL  |   |      |  | 8. YARIYIL  |   |      |  | 8. YARIYIL  |  |       |  | 8. YARIYIL  |   |      |  |
| DERS KODU   | DERS ADI  | AKTS |  | DERS KODU   | DERS ADI  | AKTS |  | DERS KODU   | DERS ADI   | AKTS  |  | DERS KODU   | DERS ADI  | AKTS |  |
| TR8001  | Exchange Management and Foreign Trade                     | 4    |  | IE8406  | Quality Engineering                                   | 5    |  |   |  |       |  | IE8406  | Quality Engineering                                   | 5    |  |
| TR8002  | Transportation Types                                      | 2    |  | IE8900  | Graduation Project                                    | 8    |  |   |  |       |  | IE8900  | Graduation Project                                    | 8    |  |
|   | Seçimlik Alan Dersi                                       | 24   |  |   | Departmental Elective (minimum 17 AKTS)               | 17   |  |   |  |       |  |   |   |      |  |
| TOPLAM  |   |      |  | TOPLAM  |   |      |  | TOPLAM  |  |       |  | TOPLAM  |   |      |  |
| 240   |   |      |  | 249   |   |      |  | 56 / 46   |  |       |  | 184   |   |      |  |
| SEÇİMLİK ALAN DERSLERİ (SA)                                 |   |      |  | SEÇİMLİK ALAN DERSLERİ (SA)                             |   |      |  | EŞDEĞER DERSLER (SA) SEÇİMLİK DERSLER                       |  |       |  | ÇİFT ANADALINDA ALACAĞI (SA) / (SAD) SEÇİMLİK DERSLER |   |      |  |
| DERS KODU   | DERS ADI  | AKTS |  | DERS KODU   | DERS ADI  | AKTS |  | DERS KODU   | DERS ADI   | AKTS  |  | DERS KODU   | DERS ADI  | AKTS |  |
| TR0001  | Applied Mathematics                                       | 4    |  | IE0005  | Introduction to Fuzzy Modelling                       | 5    |  |   |  |       |  | IE0005  | Introduction to Fuzzy Modelling                       | 5    |  |
| TR0002  | Basics of International Trade                             | 4    |  | IE0006  | Data Structures and Programming                       | 5    |  |   |  |       |  | IE0006  | Data Structures and Programming                       | 5    |  |
| TR0003  | Competition Law   | 4    |  | IE0104  | Introduction to Data Mining                           | 6    |  |   |  |       |  | IE0104  | Introduction to Data Mining                           | 6    |  |
| TR0004  | Customs Regimes and Applications                          | 4    |  | IE0204  | Case Studies in Mathematical Modelling                | 6    |  |   |  |       |  | IE0204  | Case Studies in Mathematical Modelling                | 6    |  |
| TR0005  | Econometrics  | 4    |  | IE0205  | Introduction to Decision Analysis                     | 6    |  |   |  |       |  | IE0205  | Introduction to Decision Analysis                     | 6    |  |
| TR0006  | Economic Growth and Development                           | 4    |  | IE0301  | Systems Analysis                                      | 5    |  |   |  |       |  | IE0301  | Systems Analysis                                      | 5    |  |
| TR0007  | Economic Technology                                       | 4    |  | IE0302  | Enterprise Resource Planning                          | 5    |  |   |  |       |  | IE0302  | Enterprise Resource Planning                          | 5    |  |
| TR0008  | Fair Industry   | 4    |  | IE0303  | Management Information Systems                        | 5    |  |   |  |       |  | IE0303  | Management Information Systems                        | 5    |  |
| TR0009  | Fair Management   | 4    |  | IE0402  | Ergonomics  | 6    |  |   |  |       |  | IE0402  | Ergonomics  | 6    |  |
| TR0010  | Foreign Trade Finance                                     | 4    |  | IE0407  | Work Study  | 6    |  |   |  |       |  | IE0407  | Work Study  | 6    |  |
| TR0011  | Foreign Trade Institutions and Their Functions            | 4    |  | IE0408  | Scheduling Applications in Manufacturing and Services | 6    |  |   |  |       |  | IE0408  | Scheduling Applications in Manufacturing and Services | 6    |  |
| TR0012  | Globalization and Current Problems of International       | 4    |  | IE0409  | Project Management                                    | 6    |  |   |  |       |  | IE0409  | Project Management                                    | 6    |  |
| TR0013  | Innovation in Marketing                                   | 4    |  | IE0410  | Quality Planning and Analysis                         | 5    |  |   |  |       |  | IE0410  | Quality Planning and Analysis                         | 5    |  |
| TR0014  | International Brand Management                            | 4    |  | IE0504  | Strategic Management                                  | 5    |  |   |  |       |  | IE0504  | Strategic Management                                  | 5    |  |
| TR0015  | International Commercial Contracts                        | 4    |  | IE0505  | Marketing Management                                  | 4    |  | TR3001 / IE0505   | Principles of Marketing / Marketing Management   | 5 / 5 |  |   |   |      |  |
| TR0016  | International Economics                                   | 4    |  | IE0506  | Introduction to Business Management                   | 4    |  | FEAA1001 / IE0506   | Business Management / Introduction to Business Management  | 5 / 4 |  |   |   |      |  |
| TR0017  | International Finance Management                          | 4    |  | IE0507  | Organizational Behaviour and Human Resources          | 4    |  |   |  |       |  | IE0507  | Organizational Behaviour and Human Resources          | 4    |  |
| TR0018  | International Marketing                                   | 4    |  | IE0508  | Labor Law   | 4    |  | FEAA1005 / IE0508   | Introduction to Law / Labor Law  | 4 / 4 |  |   |   |      |  |
| TR0019  | International Trade Competition of Turkey                 | 4    |  | IE0604  | Computer Integrated Manufacturing Systems             | 5    |  |   |  |       |  | IE0604  | Computer Integrated Manufacturing Systems             | 5    |  |
| TR0020  | Investment Policy and Foreign Investments                 | 4    |  | IE0605  | Advanced Manufacturing Systems                        | 6    |  |   |  |       |  | IE0605  | Advanced Manufacturing Systems                        | 6    |  |
| TR0021  | Retailing Management                                      | 4    |  | IE0606  | Manufacturing Techniques                              | 5    |  |   |  |       |  | IE0606  | Manufacturing Techniques                              | 5    |  |
| TR0022  | Risk and Insurance Management in Logistics                | 4    |  | IE0607  | Industrial Applications of Nanotechnology             | 6    |  |   |  |       |  | IE0607  | Industrial Applications of Nanotechnology             | 6    |  |
| TR0023  | Taxation of Foreign Trade                                 | 4    |  | IE0608  | Introduction to Renewable Energy                      | 6    |  |   |  |       |  | IE0608  | Introduction to Renewable Energy                      | 6    |  |
| FEAA0001  | Administrative Law  | 4    |  | IE0609  | Introduction to Energy Management                     | 5    |  |   |  |       |  | IE0609  | Introduction to Energy Management                     | 5    |  |
| FEAA0002  | Advanced English III                                      | 4    |  | IE0701  | Academic Writing and Presentation Skills              | 5    |  |   |  |       |  | IE0701  | Academic Writing and Presentation Skills              | 5    |  |
| FEAA0003  | Advanced English IV                                       | 4    |  | IE0901  | Special Topics in Industrial Engineering              | 2    |  |   |  |       |  | IE0901  | Special Topics in Industrial Engineering              | 2    |  |
| FEAA0004  | Advanced English V  | 4    |  | IE0411  | Logistics Systems                                     | 3    |  | TR5001 / IE0411   | Logistics Management / Logistics Systems   | 5 / 6 |  |   |   |      |  |
| FEAA0005  | Advanced English VI                                       | 4    |  | IE0902  | Case Studies in Industrial Engineering                | 3    |  |   |  |       |  | IE0902  | Case Studies in Industrial Engineering                | 3    |  |
| FEAA0006  | Advanced English VII                                      | 4    |  | IE0007  | Advanced Excel Applications                           | 5    |  |   |  |       |  | IE0007  | Advanced Excel Applications                           | 5    |  |
| FEAA0007  | Advanced English VIII                                     | 4    |  | IE0412  | Advanced Project Management                           | 6    |  |   |  |       |  | IE0412  | Advanced Project Management                           | 6    |  |
| FEAA0008  | Banking and Finance                                       | 4    |  | IE0304  | Human Computer Interaction and User Experience        | 6    |  |   |  |       |  | IE0304  | Human Computer Interaction and User Experience        | 6    |  |
| FEAA0009  | Behavioral Science  | 4    |  | IE0305  | Business Simulation                                   | 6    |  |   |  |       |  | IE0305  | Business Simulation                                   | 6    |  |
| FEAA0010  | Business Ethics   | 4    |  | IE0306  | Database Management Systems                           | 6    |  |   |  |       |  | IE0306  | Database Management Systems                           | 6    |  |
| FEAA0011  | Business Finance  | 4    |  | IE0413  | Service Management                                    | 6    |  |   |  |       |  | IE0413  |   |      |  |

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| IE6404 Production Planning and Control dersinin ön koşulu, IE4201 Operations Research I dersidir.         |
| IE7203 Simulation Modelling dersinin ön koşulu, IE4102 Statistics for Engineers dersidir.                 |
| IE7405 Supply Chain Management dersinin ön koşulu, IE6404 Production Planning and Control dersidir.       |
| IE7803 Industrial Training II dersinin ön koşulu, IE6404 Production Planning and Control dersidir.        |
| IE8406 Quality Engineering dersinin ön koşulu, IE4102 Statistics for Engineers dersidir.                  |
| IE0302 Enterprise Resource Planning dersinin ön koşulu,IE6404 Production Planning and Control dersidir.   |
| IE0605 Advanced Manufacturing Systems dersinin ön koşulu, IE4201 Operations Research I dersidir.          |
| IE0104 Introduction to Data Mining dersinin ön koşulu, IE3101 Introduction to Probability dersidir.       |
| IE0006 Data Structures and Programming dersinin ön koşulu, IE2002 Introduction to Programming dersidir.   |
| IE0205 Introduction to Decision Analysis dersinin ön koşulu, IE3101 Introduction to Probability dersidir. |
| IE0412 Advanced Project Management dersinin ön koşulu, IE0409 Project Management dersidir.                |