



AYDIN ADNAN MENDERES UNIVERSITY COURSE INFORMATION FORM

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|--|---|---|------------|---|---|----------------------------------|---|------------|---|
| Course Title | | Professional Foreign Language-II | | | | | | | |
| Course Code | | ELE254 | | Course Level | | Short Cycle (Associate's Degree) | | | |
| ECTS Credit | 2 | Workload | 50 (Hours) | Theory | 2 | Practice | 0 | Laboratory | 0 |
| Objectives of the Course | | In this course, it is aimed to have the students gain the abilities about basic vocational concepts and their descriptions and basic vocational foreign language knowledge. | | | | | | | |
| Course Content | | Usage of electrics and electronics knowledge in English | | | | | | | |
| Work Placement | | N/A | | | | | | | |
| Planned Learning Activities and Teaching Methods | | | | Explanation (Presentation), Project Based Study, Individual Study | | | | | |
| Name of Lecturer(s) | | Ins. Mine GERGÜN | | | | | | | |

Assessment Methods and Criteria

| Method | Quantity | Percentage (%) |
|---------------------|----------|----------------|
| Midterm Examination | 1 | 40 |
| Final Examination | 1 | 70 |

Recommended or Required Reading

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| 1 | Lecture notes |
|---|---------------|

| Week | Weekly Detailed Course Contents | |
|------|---------------------------------|---|
| 1 | Theoretical | Verbal and written communication in vocational subjects |
| 2 | Theoretical | Verbal and written communication in vocational subjects |
| 3 | Theoretical | DC generators |
| 4 | Theoretical | DC generators |
| 5 | Theoretical | DC generators |
| 6 | Theoretical | DC generators |
| 7 | Theoretical | Monophase transformers |
| 8 | Theoretical | Monophase transformers |
| 9 | Theoretical | Monophase transformers |
| 10 | Theoretical | Triphase transformers |
| 11 | Theoretical | Electronic Circuit |
| 12 | Theoretical | Electronic Circuit |
| 13 | Theoretical | Hydraulics |
| 14 | Theoretical | Hydraulics |

Workload Calculation

| Activity | Quantity | Preparation | Duration | Total Workload |
|---------------------------------------|----------|-------------|----------|----------------|
| Lecture - Theory | 14 | 0 | 2 | 28 |
| Midterm Examination | 1 | 10 | 1 | 11 |
| Final Examination | 1 | 10 | 1 | 11 |
| Total Workload (Hours) | | | | 50 |
| [Total Workload (Hours) / 25*] = ECTS | | | | 2 |

*25 hour workload is accepted as 1 ECTS

Learning Outcomes

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|---|---|
| 1 | . Using vocational foreign language knowledge |
| 2 | . Using vocational concepts and descriptions |
| 3 | Understands the vocational terms related to transformers. |
| 4 | Comprehend the terms related to DC machines. |
| 5 | Comprehend technical words related to electronic terms. |



Programme Outcomes (Electrics)

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|----|--|
| 1 | ABILITY TO MAKE APPLICATIONS OF MEASUREMENT AND CALCULATION |
| 2 | ABILITY TO MAKE CONNECTIONS OF A DC CIRCUIT |
| 3 | ABILITY TO MAKE BASIC ELECTRONIC CIRCUIT AND APPLICATIONS |
| 4 | ABILITY TO MAKE ELECTRIC INSTALLMENT APPLICATIONS |
| 5 | ADAPTING VOCATIONAL ETHICAL VALUES |
| 6 | ABILITY TO MAKE COMMUNICATION |
| 7 | ABILITY TO MAKE CONNECTIONS OF AC CIRCUIT |
| 8 | ABILITY TO MAKE NUMERICAL CIRCUITS |
| 9 | ABILITY TO MAKE INSTALLATIONS OF TRANSFORMER AND DC ELECTRIC MACHINES |
| 10 | ABILITY TO MAKE COMPUTER AIDED DESIGN |
| 11 | ABILITY TO APPLY VOCATIONAL TECHNICAL METHODS |
| 12 | ABILITY TO MAKE INSTALLATIONS OF AC ELECTRIC MACHINES |
| 13 | ABILITY TO MAKE SPECIAL ELECTRIC INSTALLMENTS |
| 14 | ABILITY TO MAKE INSTALLMENTS OF COMMAND SYSTEMS |
| 15 | ABILITY TO DRAW COMPUTER AIDED ELECTRIC SCHEME |
| 16 | ABILITY TO MAKE POWER ELECTRONICS CIRCUITS |
| 17 | ABILITY TO MAKE SYSTEM ANALYSIS AND PRODUCT DESIGN |
| 18 | ABILITY TO IMPROVE ONESELF UTILIZING INFORMATION OPPORTUNITIES |
| 19 | ABILITY TO DRAW COMPUTER AIDED ELECTRIC INSTALLMENT PROJECT |
| 20 | ABILITY TO MAKE ANALYSIS AND MAINTENANCE OF ELECTRICAL ENERGY PRODUCTION SYSTEMS |
| 21 | ABILITY TO MAKE THE WINDING OF ACCURATE AND ALTERNATIVE CURRENT ENGINES |
| 22 | ABILITY TO RECOGNIZE SYSTEMS USED IN ELECTRICAL ENERGY TRANSMISSION AND DISTRIBUTION AND TROUBLESHOOTING |
| 23 | Ability to use the methods and techniques of career planning and discussing the effects of character traits on career preferences. |
| 24 | Ability to plan a career in their own profession. |
| 25 | To provide them with knowledge about substance use and addiction problem and prevention methods. |

Contribution of Learning Outcomes to Programme Outcomes 1:Very Low, 2:Low, 3:Medium, 4:High, 5:Very High

| | L1 | L2 | L3 | L4 | L5 |
|----|----|----|----|----|----|
| P5 | 4 | 4 | 4 | 4 | 4 |
| P6 | 5 | 5 | 5 | 5 | 5 |

