



## Semester 2

| <b>Code</b> | <b>Course Title</b>                                         | <b>T</b>  | <b>A</b> | <b>C</b>  | <b>ECTS</b> | <b>Status</b> | <b>Prerequisite</b> |
|-------------|-------------------------------------------------------------|-----------|----------|-----------|-------------|---------------|---------------------|
| ATAI02      | Atatürk Principles and The History of Turkish Revolution II | 2         | 0        | 2         | 2           | Compulsory    |                     |
| MING152     | Basic English II                                            | 3         | 0        | 3         | 4           | Compulsory    |                     |
| MELK118     | Analog Electronics Circuit                                  | 3         | 0        | 3         | 6           | Compulsory    |                     |
| MELK124     | Electric Motors and Drives                                  | 3         | 0        | 3         | 6           | Compulsory    |                     |
| MELK229     | Computer Aided Electronic Circuit Design                    | 3         | 0        | 3         | 6           | Compulsory    |                     |
| MMEK122     | Mechanical Vibrations                                       | 3         | 0        | 3         | 5           | Compulsory    |                     |
| MMEK221     | Control Systems I                                           | 3         | 0        | 3         | 5           | Compulsory    |                     |
|             |                                                             |           |          |           |             |               |                     |
|             |                                                             |           |          |           |             |               |                     |
|             |                                                             |           |          |           |             |               |                     |
|             | <b>Total Credit</b>                                         | <b>20</b> |          | <b>34</b> |             |               |                     |

### Semester 4

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|                     |            |
|---------------------|------------|
| <b>TOTAL CREDIT</b> | <b>78</b>  |
| <b>TOTAL ECTS</b>   | <b>130</b> |



**VOCATIONAL SCHOOL**  
**DEPARTMENT OF ELECTRONIC AND AUTOMATION**  
**PROGRAM OF MECHATRONIC**  
**2024-2025 ASSOCIATE DEGREE CURRICULUM - SPRING SEMESTER**

**ELECTIVE COURSES**

Semester 1

| Code                    | Course Title | T | A | C | ECTS | Status | Prerequisite |
|-------------------------|--------------|---|---|---|------|--------|--------------|
| SECOND FOREIGN LANGUAGE |              |   |   |   |      |        |              |
|                         |              |   |   |   |      |        |              |
| DEPARTMENTAL ELECTIVE   |              |   |   |   |      |        |              |
|                         |              |   |   |   |      |        |              |
| FACULTY ELECTIVE        |              |   |   |   |      |        |              |
|                         |              |   |   |   |      |        |              |
| UNIVERSITY ELECTIVE     |              |   |   |   |      |        |              |
|                         |              |   |   |   |      |        |              |

Semester 3

| Code                    | Course Title | T | A | C | ECTS | Status | Prerequisite |
|-------------------------|--------------|---|---|---|------|--------|--------------|
| SECOND FOREIGN LANGUAGE |              |   |   |   |      |        |              |
|                         |              |   |   |   |      |        |              |
| DEPARTMENTAL ELECTIVE   |              |   |   |   |      |        |              |
|                         |              |   |   |   |      |        |              |
| FACULTY ELECTIVE        |              |   |   |   |      |        |              |
|                         |              |   |   |   |      |        |              |
|                         |              |   |   |   |      |        |              |
|                         |              |   |   |   |      |        |              |
|                         |              |   |   |   |      |        |              |
|                         |              |   |   |   |      |        |              |
|                         |              |   |   |   |      |        |              |
|                         |              |   |   |   |      |        |              |
|                         |              |   |   |   |      |        |              |
| UNIVERSITY ELECTIVE     |              |   |   |   |      |        |              |
|                         |              |   |   |   |      |        |              |

Semester 2

| Code                    | Course Title | T | A | C | ECTS | Status | Prerequisite |
|-------------------------|--------------|---|---|---|------|--------|--------------|
| SECOND FOREIGN LANGUAGE |              |   |   |   |      |        |              |
|                         |              |   |   |   |      |        |              |
| DEPARTMENTAL ELECTIVE   |              |   |   |   |      |        |              |
|                         |              |   |   |   |      |        |              |
| FACULTY ELECTIVE        |              |   |   |   |      |        |              |
|                         |              |   |   |   |      |        |              |
| UNIVERSITY ELECTIVE     |              |   |   |   |      |        |              |
|                         |              |   |   |   |      |        |              |

Semester 4

| Code                    | Course Title                    | T | A  | C  | ECTS | Status   | Prerequisite |
|-------------------------|---------------------------------|---|----|----|------|----------|--------------|
| SECOND FOREIGN LANGUAGE |                                 |   |    |    |      |          |              |
|                         |                                 |   |    |    |      |          |              |
| DEPARTMENTAL ELECTIVE   |                                 |   |    |    |      |          |              |
| MMEK234                 | Additive Manufacturing          | 3 | 0  | 3  | 5    | Elective |              |
|                         |                                 |   |    |    |      |          |              |
| FACULTY ELECTIVE        |                                 |   |    |    |      |          |              |
| MOSB105                 | Workplace Application           | 0 | 24 | 12 | 15   | Elective |              |
| MOSB106                 | Workplace Application I         | 0 | 6  | 3  | 5    | Elective |              |
| MOSB107                 | Workplace Application II        | 0 | 6  | 3  | 5    | Elective |              |
| MOSB108                 | Workplace Application III       | 0 | 6  | 3  | 5    | Elective |              |
| MOSB109                 | Workplace Application IV        | 0 | 6  | 3  | 5    | Elective |              |
| MMAK224                 | Mechanical Measuring Techniques | 3 | 0  | 3  | 5    | Elective |              |
| MMAK131                 | Heat Transfer                   | 3 | 0  | 3  | 5    | Elective |              |
| MMSE201                 | Ethics                          | 3 | 0  | 3  | 5    | Elective |              |
|                         |                                 |   |    |    |      |          |              |
| UNIVERSITY ELECTIVE     |                                 |   |    |    |      |          |              |
|                         |                                 |   |    |    |      |          |              |