

**BALIKESİR UNIVERSITY**  
**BALIKESİR VOCATIONAL SCHOOL**  
**DEPARTMENT OF CONSTRUCTION**  
**CONSTRUCTION TECHNOLOGY PROGRAM**  
**2025-2026 ACADEMIC YEAR COURSE PLAN**

| 1st YEAR 1st SEMESTER |                                |       |    |     |      |      |
|-----------------------|--------------------------------|-------|----|-----|------|------|
| COURSE CODE           | COURSE                         | Catgr | T  | P   | C    | ECTS |
| INS1119               | Mathematics                    | C     | 3  | 0   | 3    | 3    |
| INS1111               | Technical Drawing              | C     | 2  | 1   | 2,5  | 4    |
| INS1114               | Land Surveying                 | C     | 2  | 1   | 2,5  | 3    |
| INS1112               | Building Materials             | C     | 2  | 1   | 2,5  | 4    |
| INS1117               | Statics and Strength           | C     | 3  | 0   | 3    | 4    |
| INS1118               | Occupational Health and Safety | C     | 2  | 0   | 2    | 2    |
| INS1120               | Professional Practices         | C     | 2  | 1   | 2,5  | 4    |
|                       |                                |       |    |     |      |      |
| TOTAL                 |                                |       | 16 | 4,0 | 18,0 | 24   |

|               |                                   |   |    |   |      |    |
|---------------|-----------------------------------|---|----|---|------|----|
| AIT1101       | Ataturk's Pri. and His. of Rev.-1 | C | 2  | 0 | 2    | 2  |
| TDI1101       | Turkish Language-1                | C | 2  | 0 | 2    | 2  |
| YDI1101       | English-1                         | C | 2  | 0 | 2    | 2  |
| TOTAL CREDITS |                                   |   | 22 | 4 | 24,0 | 30 |

| 1st YEAR 2nd SEMESTER |                        |       |    |     |      |      |
|-----------------------|------------------------|-------|----|-----|------|------|
| COURSE CODE           | COURSE                 | Catgr | T  | P   | C    | ECTS |
| INS1217               | Static of Construction | C     | 3  | 0   | 3    | 4    |
| INS1211               | Concrete Technology    | C     | 2  | 1   | 2,5  | 4    |
| INS1222               | Building Installations | C     | 2  | 0   | 2    | 2    |
| KRY1201               | Career Planning        | C     | 1  | 0   | 1    | 2    |
|                       | Elective Courses-1     | E     | 2  | 1   | 2,5  | 4    |
|                       | Elective Courses-2     | E     | 2  | 1   | 2,5  | 4    |
|                       | Elective Courses-3     | E     | 2  | 1   | 2,5  | 4    |
|                       | Elective Courses-4     | E     | 2  | 0   | 2    | 2    |
| TOTAL                 |                        |       | 16 | 4,0 | 18,0 | 26   |

|               |                                   |   |    |   |      |    |
|---------------|-----------------------------------|---|----|---|------|----|
| AIT1201       | Ataturk's Pri. and His. of Rev.-2 | C | 2  | 0 | 2    | 2  |
| TDI1201       | Turkish Language-2                | C | 2  | 0 | 2    | 2  |
| YDI1201       | English-2                         | C | 2  | 0 | 2    | 2  |
| TOTAL CREDITS |                                   |   | 22 | 4 | 24,0 | 32 |

| 1nd YEAR 2nd SEMESTER ELECTIVE COURSES |                                 |   |   |   |     |   |
|----------------------------------------|---------------------------------|---|---|---|-----|---|
| INS1219                                | Computer Aided Drawing          | E | 2 | 1 | 2,5 | 4 |
| INS1220                                | Construction Site Organization  | E | 2 | 1 | 2,5 | 4 |
| INS1221                                | Water Supply and Wastewater     | E | 2 | 1 | 2,5 | 4 |
| INS1223                                | Information Com. Tec.           | E | 2 | 1 | 2,5 | 4 |
| INS1214                                | Environmental Protection        | E | 2 | 0 | 2   | 2 |
| INS1107                                | Quality Assurance and Standards | E | 2 | 0 | 2   | 2 |
| INS1216                                | Research Methods and Techniques | E | 2 | 0 | 2   | 2 |

| 2nd YEAR 1st SEMESTER |                     |       |    |   |      |      |
|-----------------------|---------------------|-------|----|---|------|------|
| COURSE CODE           | COURSE              | Catgr | T  | P | C    | ECTS |
| INS2121               | Reinforced concrete | C     | 3  | 1 | 3,5  | 5    |
| INS2122               | Soil Mechanics      | C     | 3  | 1 | 3,5  | 5    |
|                       | Elective Courses-1  | E     | 2  | 1 | 2,5  | 3    |
|                       | Elective Courses-2  | E     | 2  | 1 | 2,5  | 3    |
|                       | Elective Courses-3  | E     | 2  | 1 | 2,5  | 3    |
|                       | Elective Courses-4  | E     | 2  | 1 | 2,5  | 3    |
|                       | Elective Courses-5  | E     | 2  | 1 | 2,5  | 3    |
|                       | Elective Courses-6  | E     | 2  | 1 | 2,5  | 3    |
|                       | Elective Courses-7  | E     | 2  | 0 | 2    | 2    |
| TOTAL CREDITS         |                     |       | 20 | 8 | 24,0 | 30   |

| 2nd YEAR 2nd SEMESTER |                                 |       |   |    |      |      |
|-----------------------|---------------------------------|-------|---|----|------|------|
| COURSE CODE           | COURSE                          | Catgr | T | P  | C    | ECTS |
| INS2223               | Vocational Training in Business | C     | 5 | 22 | 16   | 30   |
| TOTAL CREDITS         |                                 |       | 5 | 23 | 16,0 | 30   |

| 2nd YEAR 1st SEMESTER ELECTIVE COURSES |                                  |   |   |   |     |   |
|----------------------------------------|----------------------------------|---|---|---|-----|---|
| INS2123                                | Computer Aided Design            | E | 2 | 1 | 2,5 | 3 |
| INS2124                                | Steel Structures                 | E | 2 | 1 | 2,5 | 3 |
| INS2115                                | Building Repair and Stren.       | E | 2 | 1 | 2,5 | 3 |
| INS2116                                | Prefabricated Buildings          | E | 2 | 1 | 2,5 | 3 |
| INS2125                                | Highway Construction             | E | 2 | 1 | 2,5 | 3 |
| INS2126                                | Building Quantity and Cost       | E | 2 | 1 | 2,5 | 3 |
| INS2127                                | Building Inspection Applications | E | 2 | 1 | 2,5 | 3 |
| INS2128                                | Project                          | E | 2 | 1 | 2,5 | 3 |
| INS2129                                | Labor and Zoning Law             | E | 2 | 1 | 2,5 | 3 |
| INS2119                                | Professional Ethics              | E | 2 | 0 | 2   | 2 |
| INS2120                                | Entrepreneurship                 | E | 2 | 0 | 2   | 2 |
| INS2130                                | Business Management              | E | 2 | 0 | 2   | 2 |