

**Content**

| Course Code | Course Name   | Semester | Theory | Practice | Lab | Credit | ECTS |
|-------------|---------------|----------|--------|----------|-----|--------|------|
| GÜV301      | Mathematics I | 1        | 3      | 0        | 0   | 3      | 3    |

|                        |  |
|------------------------|--|
| Prerequisites          |  |
| Admission Requirements |  |

|                         |                                                                                                                                                                                                                                                                                                      |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Language of Instruction | Turkish                                                                                                                                                                                                                                                                                              |
| Course Type             | Compulsory                                                                                                                                                                                                                                                                                           |
| Course Level            | Associate Degree                                                                                                                                                                                                                                                                                     |
| Objective               | Gaining analitic thinking ability<br>Basic knowledge of Analysis and Algebra<br>Applying theoric mathematics knowledge to daily life<br>Basic mathematics knowledge for professional life                                                                                                            |
| Content                 | Time and Angle Calculating<br>Integers, Rational Numbers<br>Calculating with Floatingn Point Numbers<br>Exponential Numbers, Root Nubers,<br>Determinant,<br>Matrix,<br>Logarithm, Using Logarithmic Tables,<br>Algebra,<br>Graphs,<br>Basic Statistics Calculation,<br>Limit Theorem,<br>Derivative |
| References              | Calculus                                                                                                                                                                                                                                                                                             |

**Theory Topics**

| Week | Weekly Contents |
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