# TOROS ÜNIVERSITESI

Vocational School Information Security Technology

#### **Course Information**

| MACHINE LEARNING |          |             |          |                 |             |  |
|------------------|----------|-------------|----------|-----------------|-------------|--|
| Code             | Semester | Theoretical | Practice | National Credit | ECTS Credit |  |
|                  |          | Hour / Week |          |                 |             |  |
| BGT219           | Fall     | 3           | 0        | 3               |             |  |

| Prerequisites and co-<br>requisites  |              |
|--------------------------------------|--------------|
| Language of instruction              | Turkish      |
| Туре                                 | Elective     |
| Level of Course                      | Associate    |
| Lecturer                             |              |
| Mode of Delivery                     | Face to Face |
| Suggested Subject                    |              |
| Professional practise ( internship ) | None         |
| Objectives of the Course             |              |
| Contents of the Course               |              |

## **Learning Outcomes of Course**

| # | Learning Outcomes |
|---|-------------------|
| 1 |                   |
| 2 |                   |
| 3 |                   |
| 4 |                   |
| 5 |                   |

### **Course Syllabus**

| #  | Subjects | Teaching Methods and Technics |  |
|----|----------|-------------------------------|--|
| 1  |          |                               |  |
| 2  |          |                               |  |
| 3  |          |                               |  |
| 4  |          |                               |  |
| 5  |          |                               |  |
| 6  |          |                               |  |
| 7  |          |                               |  |
| 8  |          |                               |  |
| 9  |          |                               |  |
| 10 |          |                               |  |
| 11 |          |                               |  |
| 12 |          |                               |  |
| 13 |          |                               |  |

|    | 1 |
|----|---|
| 14 |   |
| 15 |   |
| 16 |   |

### **Course Syllabus**

| Γ   | # | Material / Resources | Information About Resources   | Reference / Recommended Resources |
|-----|---|----------------------|-------------------------------|-----------------------------------|
| - 1 | π | Material / Resources | illorillation About Resources | Reference / Recommended Resources |

#### **Method of Assessment**

| # | Weight | Work Type     | Work Title    |
|---|--------|---------------|---------------|
| 1 | 10%    | Mid-Term Exam | Mid-Term Exam |
| 2 | 5%     | Homework      | Homework      |
| 3 | 5%     | Homework      | Homework      |
| 4 | 5%     | Homework      | Homework      |
| 5 | 5%     | Homework      | Homework      |
| 6 | 20%    | Final Project | Final Project |
| 7 | 50%    | Final Exam    | Final Exam    |

### Relationship between Learning Outcomes of Course and Program Outcomes

| # | Learning Outcomes | Program Outcomes | Method of Assessment |
|---|-------------------|------------------|----------------------|
| 1 |                   | 1,4,5            |                      |
| 2 |                   | 1,4,5            |                      |
| 3 |                   | 1,4,5            |                      |
| 4 |                   | 1,4,5            |                      |
| 5 |                   | 1,4,5            |                      |

PS. The numbers, which are shown in the column Method of Assessment, presents the methods shown in the previous table, titled as Method of Assessment.

#### **Work Load Details**

| #  | Type of Work  | Quantity | Time<br>(Hour) | Work<br>Load |
|----|---|----------|----------------|--------------|
| 1  | Course Duration   | 14       | 3              | 42           |
| 2  | Course Duration Except Class (Preliminary Study, Enhancement) | 14       | 2              | 28           |
| 3  | Presentation and Seminar Preparation                          | 0        | 0              | 0            |
| 4  | Web Research, Library and Archival Work                       | 0        | 0              | 0            |
| 5  | Document/Information Listing                                  | 0        | 0              | 0            |
| 6  | Workshop  | 0        | 0              | 0            |
| 7  | Preparation for Midterm Exam                                  | 1        | 8              | 8            |
| 8  | Midterm Exam  | 1        | 1              | 1            |
| 9  | Quiz  | 0        | 0              | 0            |
| 10 | Homework  | 4        | 15             | 60           |
| 11 | Midterm Project   | 0        | 0              | 0            |
| 12 | Midterm Exercise  | 0        | 0              | 0            |
| 13 | Final Project   | 1        | 15             | 15           |
| 14 | Final Exercise  | 8        | 2              | 16           |
| 15 | Preparation for Final Exam                                    | 1        | 8              | 8            |
| -  |   |          |                |              |

| 1 | 6 Final Exam | 1 | 1 | 1   |   |
|---|--------------|---|---|-----|---|
|   |              |   |   | 179 | ı |