

Information Systems Engineering Course Plan

Student's Catalog Term: After 2018-2019 Fall Semester

1. Semester

| Course Code | Course Title | Credit | Theoretical | Tutorial | Lab. | ECTS | Type | Compulsory/Elective | Se |
|-------------|---|--------|-------------|----------|------|------|------|---------------------|----|
| MTH 101 | Calculus I | 4 | 3 | 2 | 0 | 7 | - | C | 1 |
| PHY 127 | Physics | 3 | 3 | 0 | 0 | - | - | C | 1 |
| ISE 111 | Linear Algebra | 3 | 3 | 0 | 0 | 5.5 | - | C | 1 |
| ULP 101 | New Beginnings Freshman Seminar and Service to Leadership I | 0 | 0 | 2 | 0 | - | - | C | 1 |
| ISE 101 | Intro. to Information Sys. and Tech. | 4 | 3 | 0 | 2 | - | - | C | 1 |
| PHY 127L | Physics Lab | 1 | 0 | 0 | 2 | - | - | C | 1 |

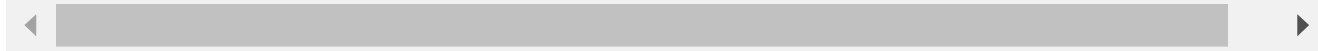
| | | | | | | | | | |
|------------|-----------|---|---|---|---|---|---|---|---|
| TUR 101 | Turkish I | 2 | 2 | 0 | 0 | 2 | - | C | 1 |
|------------|-----------|---|---|---|---|---|---|---|---|

2. Semester

| Course Code | Course Title | Credit | Theoretical | Tutorial | Lab. | ECTS | Type | Compulsory/Elective | |
|-------------|--|--------|-------------|----------|------|------|------|---------------------|---|
| MTH 102 | Calculus II | 4 | 3 | 2 | 0 | 7 | - | C | 2 |
| ISE 112 | | 3 | 3 | 0 | 0 | - | - | C | 2 |
| ISE 102 | Programming I | 4 | 3 | 0 | 2 | - | - | C | 2 |
| ULP 102 | New Beginnings Freshman Seminar and Service to Leadership II | 0 | 0 | 2 | 0 | - | - | C | 2 |
| TUR 102 | Turkish II | 2 | 2 | 0 | 0 | 2 | - | C | 2 |
| GED 103 | Introduction to World Affairs | 3 | 3 | 0 | 0 | - | - | C | 2 |

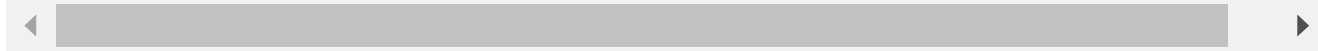
3. Semester

| Course Code | Course Title | Credit | Theoretical | Tutorial | Lab. | ECTS | Type | Compulsory/Elective | Semes |
|-------------|--------------|--------|-------------|----------|------|------|------|---------------------|-------|
|-------------|--------------|--------|-------------|----------|------|------|------|---------------------|-------|



4. Semester

| Course Code | Course Title | Credit | Theoretical | Tutorial | Lab. | ECTS | Type | Compulsory/Elective | Semes |
|-------------|--------------|--------|-------------|----------|------|------|------|---------------------|-------|
|-------------|--------------|--------|-------------|----------|------|------|------|---------------------|-------|



5. Semester

| Course Code | Course Title | Credit | Theoretical | Tutorial | Lab. | ECTS | Type | Compulsory/Elective | Se |
|-------------|---------------------------------|--------|-------------|----------|------|------|------|---------------------|----|
| ISE 302 | Operating Systems | 3 | 3 | 0 | 0 | - | - | C | 5 |
| ISE 315 | Analysis of Algorithms | 4 | 3 | 2 | 0 | - | - | C | 5 |
| ISE 304 | SW Engineering | 3 | 3 | 0 | 0 | - | - | C | 5 |
| ATA 101 | History of Turkish Revolution I | 2 | 2 | 0 | 0 | 2 | - | C | 5 |

| | | | | | | | | | |
|--|-----------------------|---|--|--|--|--|---|---|---|
| | Technical Elective | 3 | | | | | - | E | 5 |
|--|-----------------------|---|--|--|--|--|---|---|---|

6. Semester

| Course Code | Course Title | Credit | Theoretical | Tutorial | Lab. | ECTS | Type | Compulsory/Elective | Se |
|----------------|---|--------|-------------|----------|------|------|------|---------------------|----|
| ISE 305 | Database Systems | 3 | 3 | 0 | 0 | - | - | C | 6 |
| ISE 307 | IT Systems Analysis and Design | 3 | 3 | 0 | 0 | - | - | C | 6 |
| ATA 102 | History of Turkish Revolution II | 2 | 2 | 0 | 0 | 2 | - | C | 6 |
| ISE 316 | Informatics Ethics & Law | 3 | 3 | 0 | 0 | - | - | C | 6 |
| | Technical Elective | 3 | | | | | - | E | 6 |



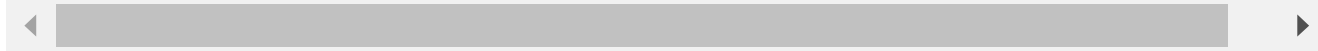
7. Semester

| Course Code | Course Title | Credit | Theoretical | Tutorial | Lab. | ECTS | Type | Compulsory/Elective | Semes |
|-------------|--------------|--------|-------------|----------|------|------|------|---------------------|-------|
|-------------|--------------|--------|-------------|----------|------|------|------|---------------------|-------|



8. Semester

| Course Code | Course Title | Credit | Theoretical | Tutorial | Lab. | ECTS | Type | Compulsory/Elective | Semes |
|-------------|--------------|--------|-------------|----------|------|------|------|---------------------|-------|
|-------------|--------------|--------|-------------|----------|------|------|------|---------------------|-------|



TOTAL CREDIT : 62 TOTAL ECTS :