

| First Year     |  |              |                 |  |              |
|----------------|--|--------------|-----------------|--|--------------|
| First Semester |  |              | Second Semester |  |              |
| Course No.     | Course Title                           | Cr. Hrs.     | Course No.      | Course Title                               | Cr. Hrs.     |
| 11102          | Introduction to Computer Science       | 3            | 11103           | Structured Programming                     | 3            |
| 20132          | Calculus (1)                           | 3            | 11151           | Structured Programming Lab                 | 1            |
| 31112          | Arabic Language Communication Skills   | 3            | 20133           | Calculus (2)                               | 3            |
| 31122          | English Language Communication Skills  | 3            | 20134           | Discrete Mathematics (1)                   | 3            |
| 31151          | National Education                     | 3            | 31251           | Military Science                           | 3            |
| 31160          | Leadership and Societal Responsibility | 0            | 12159           | Computer Applications in Computer Graphics | 3            |
|                |  | <b>Total</b> |                 |  | <b>Total</b> |
|                |  | <b>15</b>    |                 |  | <b>16</b>    |

| Second Year    |                                  |              |                 |  |              |
|----------------|----------------------------------|--------------|-----------------|--|--------------|
| First Semester |                                  |              | Second Semester |  |              |
| Course No.     | Course Title                     | Cr. Hrs.     | Course No.      | Course Title                               | Cr. Hrs.     |
| 11206          | Object Oriented Programming      | 3            | 12275           | Data Structures for Games                  | 3            |
| 11253          | Object Oriented Programming Lab  | 1            | 12243           | Webpage Design and Internet programming    | 3            |
| 12162          | 3D Modeling                      | 3            | 12266           | 3D Materials and Lighting                  | 3            |
| 12267          | Video Editing and Production     | 3            | 20200           | Technical Writing and Communication Skills | 3            |
| 12273          | Computer Graphics                | 3            | 20233           | Statistical Methods                        | 3            |
|                | Elective University Requirements | 3            |                 | Elective University Requirements           | 3            |
|                |                                  | <b>Total</b> |                 |  | <b>Total</b> |
|                |                                  | <b>16</b>    |                 |  | <b>18</b>    |

| Third Year     |                                  |              |                 |                                 |              |
|----------------|----------------------------------|--------------|-----------------|---------------------------------|--------------|
| First Semester |                                  |              | Second Semester |                                 |              |
| Course No.     | Course Title                     | Cr. Hrs.     | Course No.      | Course Title                    | Cr. Hrs.     |
| 12348          | Multimedia Systems               | 3            | 12324           | Human Computer Interaction      | 3            |
| 12351          | Game Design                      | 3            | 12364           | 3D Animation                    | 3            |
| 12367          | 3D Rigging and Skinning.         | 3            | 12354           | Algorithms and AI for games     | 3            |
| 12373          | Interactive 3D Graphics          | 3            | 31254           | Entrepreneurship and Innovation | 3            |
| 12362          | 2D Animation                     | 3            | 20234           | Linear Algebra                  | 3            |
|                | Elective University Requirements | 3            |                 | Elective Program Requirements   | 3            |
|                |                                  | <b>Total</b> |                 |                                 | <b>Total</b> |
|                |                                  | <b>18</b>    |                 |                                 | <b>18</b>    |

| Fourth Year    |                               |              |                 |                               |              |
|----------------|-------------------------------|--------------|-----------------|-------------------------------|--------------|
| First Semester |                               |              | Second Semester |                               |              |
| Course No.     | Course Title                  | Cr. Hrs.     | Course No.      | Course Title                  | Cr. Hrs.     |
| 12449          | Usable Security               | 3            | 11449           | Computer and Society          | 1            |
| 12442          | Game Programming              | 3            | 12446           | Digital Image Processing      | 3            |
| 12481          | Virtual and Augmented Reality | 3            | 12495           | Graduation Project (2)        | 2            |
| 12494          | Graduation Project(1)         | 1            | 31374           | Life Skills                   | 3            |
|                | Elective Program Requirements | 6            |                 | Elective Program Requirements | 3            |
|                |                               | <b>Total</b> |                 |                               | <b>Total</b> |
|                |                               | <b>16</b>    |                 |                               | <b>12</b>    |