



Jordan University of Science and Technology
Faculty of Architecture And Design
Design And Visual Communication Department

DV252 3d Modeling

Second Semester 2023-2024

Course Catalog

3 Credit Hours. This course introduces students to fundamental concepts, principles, creative potential and practices of 3D digital modeling. Students are given instruction in 3D modeling techniques including: production of geometric and organic surfaces and forms using NURBS, polygon construction. The primary 3D modeling and rendering software used in this course will be Maya, which is a commercial standard for 3D modeling.

Teaching Method: Blended

Instructor

Name	Mr. Deya Aldeen AbuAlkarsanneh
Office Location	-
Office Hours	Sun : 10:30 - 11:30 Mon : 11:30 - 14:30 Tue : 13:30 - 14:30 Wed : 12:00 - 13:00
Email	dkabualkarsanneh5@just.edu.jo

Instructor

Name	Mr. Emad Hailat
Office Location	-
Office Hours	Sun : 14:30 - 15:30 Mon : 11:30 - 13:00 Tue : 14:30 - 15:00 Wed : 11:30 - 14:30
Email	emhailat5@just.edu.jo

Class Schedule & Room

Section 1:
Lecture Time: Sun, Tue : 11:30 - 13:30
Room: LAB

Section 2:
Lecture Time: Sun, Tue : 14:30 - 16:30
Room: LAB

Section 3:
Lecture Time: Mon, Wed : 14:30 - 16:30
Room: LAB

Section 4:
Lecture Time: Mon, Wed : 14:30 - 16:30
Room: LAB

Prerequisites

Line Number	Course Name	Prerequisite Type
2232410	DV241 Computer Graphics And Illustration	Prerequisite / Study

Mapping of Course Outcomes to Program Outcomes	Course Outcome Weight (Out of 100%)	Assessment method
Understand the 3D modeling techniques and fundamentals (b.1)	20%	Presentation, First Exam, Midterm Submission, Final
Apply intermediate 3D modeling techniques using real life objects (c.2)	30%	First Exam, Midterm Submission, Final
Build 3D models using polygon, Nurbs and sculpting (c.2)	20%	Midterm Submission, Final
Ability to build 3D models that tell story based on developed concepts (e.2)	30%	Midterm Submission, Final

Relationship to Program Student Outcomes (Out of 100%)

PLO1	PLO2	PLO3	PLO4	PLO5	PLO6	PLO7	PLO8

Evaluation

Assessment Tool	Weight
Presentation	5%
First Exam	20%
Midterm Submission	25%

Final	50%
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