3D COMPUTER MODELING AND ANIMATION
IFSA-Butler Reimagining Europe Semester Program in Prague

Suggested U.S. semester credit hours: 4 credits
Contact Hours: 60
Course Level: 200
Course length: Semester
Delivery method: Face to face
Language of Instruction: English

COURSE DESCRIPTION

This course aims to develop learners’ skills and understanding of the principles and practical applications of 3D modelling and animation. The course supports learners to visualize and design three-dimensional space and object forms that exist within it. An appreciation of the requirements and applications of computer modeling and animation in commercial contexts may be used to inform learners’ development of personal animation work. Learners may also consider the technical requirements for producing and distributing digital animation effectively. Learners should gain a working knowledge of 3D computer modeling and animation software, through applying techniques in their own animation work. Research elements of the course allow learners to review the work of 3D computer artists.

STUDENT LEARNING OBJECTIVES

Students who successfully complete this course will:

- Understand how 3D computer modelling and animation are applied in commercial contexts
- Be able to create an engaging 3D scene
- Be able to create a 3D model within a scene
- Be able to produce 3D animations to meet a creative brief
- Strengthen research skills
- Strengthen critical thinking skills
- Become familiar with resources available for further research on 3D computer modeling animation
- Make cognitive connections between learning in this course and other learning experiences in the IFSA-Butler Reimagining Europe Semester Program in Prague
COURSE DELIVERY

Students are expected to read or view resources in advance and be prepared to actively discuss them in class. In each meeting, the instructor will overview the topic and then facilitate a group discussion, drawing out relevant themes, following up on specific lines of inquiry, and prompting students’ thoughtful engagement with the topic. Students are encouraged to bring their prior learning experiences into class discussions and to make cognitive connections between this course and others in the IFSA-Butler Reimagining Europe Semester Program in Prague whenever possible. Theories of experiential learning and integrative learning therefore undergird the dynamic learning environment of this course.

This course utilizes an interactive approach to teaching that focuses on the individual student’s needs. This approach to teaching and learning aims to foster a challenging but caring environment that allows students to explore, create, and test themselves and their ideas in a safe place.

EVALUATION METHODS

The course instructor will determine specific assignments (including paper topics), projects, and exams for the course. Your work on individual assignments and projects will be guided by grading rubrics provided by the course instructor. Your final grade in the course will be arrived at through assessment methods determined by the course instructor and according to the percentages attached to each assignment and exam by the course instructor. Participation will constitute a determined percentage of your grade. Participation includes attendance, preparation, engagement in discussion, civility, and respect.

Your grade will be determined by the following scale and conversion:

<table>
<thead>
<tr>
<th>Scale</th>
<th>U.S. Grade Equivalent</th>
</tr>
</thead>
<tbody>
<tr>
<td>70-100</td>
<td>A</td>
</tr>
<tr>
<td>65-69</td>
<td>A-</td>
</tr>
<tr>
<td>60-64</td>
<td>B+</td>
</tr>
<tr>
<td>50-59</td>
<td>B</td>
</tr>
<tr>
<td>45-49</td>
<td>C+</td>
</tr>
<tr>
<td>40-44</td>
<td>C</td>
</tr>
<tr>
<td>0-39</td>
<td>F</td>
</tr>
</tbody>
</table>

Timely Submissions
Assignments submitted after the deadline will be accepted at the discretion of the course instructor and generally only in the event of a documented illness or emergency.

ACADEMIC INTEGRITY

Any academic endeavor must be based upon a foundation of honesty and integrity. Students are expected to abide by principles of academic integrity and must be willing to bear individual responsibility for their work while studying abroad. Any academic work (written or otherwise) submitted to fulfill an academic requirement must represent a student’s original work. Any act of
academic misconduct, such as cheating, fabrication, forgery, plagiarism, or facilitating academic dishonesty, will subject a student to disciplinary action.

IFSA-Butler takes academic integrity very seriously. Students must not accept outside assistance without permission from the instructor. Additionally, students must document all sources according to the instructions of the professor. Should your instructor suspect you of plagiarism, cheating, or other forms of academic dishonesty, you may receive a failing grade for the course and disciplinary action may result. The incident will be reported to the IFSA-Butler resident director as well as your home institution.