BRAC
UNIVERSITY

Inspiring Excellence

CSE423: Computer Graphics
Fall 2023
Lab Plan

Marks Distribution: Total **20%** Marks
1. Assignments - 7.5%
2. Attendance - 2.5%
3. Lab Project (group wise) - 10%

Lab Assignments:

No	Topic	Week	Related CO
1	Introduction to Computer Graphics Library (OpenGL)	Week 2-3	CO1
2	Implementation of Midpoint Line Drawing Algorithm	Week 4-5	CO2
3	Implementation of Midpoint Circle Drawing Algorithm	Week 6-7	CO3

Bonus Lab Assignment:

Implementation of Different 2D and 3D Transformations Techniques and Animation.

Lab Projects:

1. A Lab Group should be formed with 3 members, in case the total number of students doesn't match, a group of 2 or 4 students can be allowed.
2. Students must choose from a collection of existing projects list given and their minimum functionalities to implement.

Submission:

1. All the submissions should be taken via a platform of teacher's choice.
2. No mark will be given based on submission, but failing to do so within the time frame will give a penalty.
3. All the assignments should be assessed in the lab with student in front with necessary viva-voce,
4. Mandatory Google Classroom Submission OBE purpose): Code + Output in a Single Doc/PDF file
5. In case of any plagiarism, give **-100%** mark in any assessment.

Communication Medium:

Google Classroom or Slack preferred by the lab faculty