

**Department of Computer Science
University of Massachusetts Lowell
COMP.4270/5460
Spring 2021**

**Programming Assignment 1 [3 points]
Handed out on 2/3/2021
Due on 2/14/2021**

WebGL Introduction

This assignment will use the gasket1.html and gasket1.js which is explained in Ch 2. Using these files as the baseline, do following

- move all JS code out of html file
- draw following in continuous loop—say 10 times
 - change color—each iteration will be different color
 - change size of image—large to small in steps and back to original size
 - vary number of points in steps of 500-5000

Files may be found in
<https://github.com/esangel/WebGL>

Deliverables

- Source files
- Sample Input/output – if applicable
- 1 page report : Write about issues faced, lessons learned, any remaining bugs etc.

Extra Credit

- any other functionality – please document in report and code.

Deadline and Late Submissions

- The assignment is due on the date specified above at 11:59:59 PM
- Each day late will incur a penalty of 5% of the grade for the assignment; for example, if the assignment is 3 days late, the maximum grade will be 85 out of 100—15 will be subtracted from whatever grade is assigned.