



**Idaho State
University**

**Computer
Science**

CS 4458 | CS 5558 – Fall 2019 Computer Graphics

Academic Events

- August 19 – Fall Classes Begin
 - August 30 – Last day to register, add/drop, change section or audit full semester courses. Also, last day to submit Idaho Residency Determination Worksheet with documentation to the Registrar
 - September 2 – Labor Day holiday (no classes)
 - September 3 – Last day to file application for December graduation
 - October 7-11 – Mid-term week
 - October 21 – Spring 2020 Class Schedule viewable online
 - October 25 – Last day to WITHDRAW from full semester courses
 - November 4 – Class level registration begins for Spring 2020
 - November 25-29 – Fall recess (no classes)
 - December 2 – Course grading opens
 - December 2-6 – Closed Week
 - December 9 – Summer 2020 Class Schedule viewable online
 - December 9-13 – FINAL Examinations
 - December 13 – Fall Classes End
 - December 20 – Fall grades post to student transcript
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Course Schedule

Week	Date	Topic	Reading
1	08/20: T	Introduction	Ch 1
	08/22: R	3D Basics	Ch 2
2	08/27: T	OpenGL	Ch 3
	08/29: R	OpenGL	Ch 3
3	09/03: T	Transformation and Animation	Ch 4
	09/05: R	Transformation and Animation	Ch 4
4	09/10: T	Transformation Theory	Ch 5
	09/12: R	Transformation Theory	Ch 5
5	09/17: T	Advanced Animation	Ch 6
	09/19: R	Convex Interpolation	Ch 7
6	09/24: T	Triangulation	Ch 8
	09/26: R	Orientation	Ch 9
7	10/01: T	3D Modeling	Ch 10
	10/03: R	3D Modeling	Ch 10
8	10/08: T	Color and Light	Ch 11
	10/10: R	Color and Light	Ch 11
Midterm	10/15: T	Midterm Review	
	10/17: R	Midterm Exam	
10	10/22: T	Texture	Ch 12
	10/24: R	Texture	Ch 12
11	10/29: T	Visual Techniques	Ch 13
	10/31: R	Visual Techniques	Ch 13
12	11/05: T	Raster Algorithms	Ch 14
	11/07: R	Shaders	Ch 15
13	11/12: T	Shaders	Ch 16
	11/14: R	Curves	Ch 17-18
14	11/19: T	Special Topics	Ch 20
	11/21: R	Special Topics	Ch 21
Fall Recess			
Closed	12/03: T	Project Presentations	
	12/05: R	Project Presentations and Final Rev	
Finals	12/10: T	Final Exam @ 1730 – 1930	

Assignment Schedule

Note: All assignments are due at 2300 of the day they are marked due in the following table.

Week	Date	Assigned	Due
1	08/19: M 08/23: F		
2	08/26: M 08/30: F		
3	09/02: M 09/06: F	HW 01	
4	09/09: M 09/13: F		HW 01
5	09/16: M 09/20: F	HW 02	
6	09/23: M 09/27: F		
7	09/30: M 10/04: F		HW 02
8	10/07: M 10/11: F	HW 03, PD 01	
Midterm	10/14: M 10/18: F		PD 01
10	10/21: M 10/25: F	PD 02	
11	10/28: M 11/01: F		HW 03
12	11/04: M 11/08: F	HW 04	PD 02
13	11/11: M 11/15: F	PD 03	HW 04
14	11/18: M 11/22: F	HW 05	
Fall Recess Closed	12/05: R 12/06: F		Project Presentations HW 05, PD 03
Finals	12/10: T	Final Exam	