



STARK STATE COLLEGE

GENERAL SYLLABUS

Course Information

Course Name: 2D Game Design and Development
Course Number: SGE223

Required Materials

Textbook(s): None
Required Readings: None
Additional Materials: 16 GB Flash Drive or External USB Hard Drive

Course Outline/Calendar

The date of coverage and order of coverage may be modified based on the faculty member and events beyond the control of faculty members that interfere with class times and teaching.

Week	Chapter/Topic/Lab
Week 1	<ul style="list-style-type: none"> • Quiz-1, Week-1 (LMS) • Lab-1 Guessing Game Code (LMS) • Homework, Game Story for project
Week 2	<ul style="list-style-type: none"> • Quiz, Unity Basics (LMS) • Lab-2, Text-Based Game (LMS)
Week 3	<ul style="list-style-type: none"> • Lab-3, Guessing Game-2 (LMS) • Homework, Quiz-Pixel Perfect (LMS)
Week 4	<ul style="list-style-type: none"> • Forum Lab, Game Resources (LMS) • Lab – Completed Guessing Game (LMS)
Week 5	<ul style="list-style-type: none"> • Lab – Main Menu (LMS)
Week 6	<ul style="list-style-type: none"> • Lab – Settings Menu (LMS) • Lab – Level Design (LMS)
Week 7	<ul style="list-style-type: none"> • Lab – Platformer Movement (LMS)
Week 8	<ul style="list-style-type: none"> • Lab – Week-8 Project Progress (LMS)
Week 9	<ul style="list-style-type: none"> • Lab - Ladder (LMS) • Homework – Parallax Effect (LMS)
Week 10	<ul style="list-style-type: none"> • Lab – Player Animations (LMS) • Lab – Map Screenshot (LMS)
Week 11	<ul style="list-style-type: none"> • Lab – Moving Platforms (LMS) • Lab – Player Health (LMS)

Week	Chapter/Topic/Lab
Week 12	<ul style="list-style-type: none">• Lab – Dialog (LMS)• Quiz – Player Shooting (LMS)
Week 13	<ul style="list-style-type: none">• Lab – Mechanic Choice (LMS)• Homework – 2D Rain Effects (LMS)
Week 14	<ul style="list-style-type: none">• Lab – Enemy (LMS)
Week 15	<ul style="list-style-type: none">• Lab – Load project to Itch.io (LMS)
Week 16	<ul style="list-style-type: none">• Final Exam Project Submission (2D Platformer Project)