**Game Design**

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**Course title: Game Design**

**Prerequisite: 5747-5748 Computer Programming 10152 (Visual Basic)**

**Course Description:**

Students learn the knowledge, skills, and abilities necessary to create games in the C# programming language using the Microsoft XNA Framework and or Unity. This course is intended for people who aspire to careers as computer programmers and game developers.

**Course Objectives:**

1. Understand the principles of game design
2. Use C# programming language for advanced programming skills
3. Use XNA for creating and deploying PC, Xbox, and/or Zune games.

**Grading Method**

A (100-90) B (89-80) C (79-70) D (60-69) F (below 60)

**Final Grade will be based upon the following categories:**

Participation (in class, on time, appropriate behavior, clean work station, taking care of equipment, participation)

Outcomes Evaluation/ Homework (tests, application activities, projects, demonstrations and/or homework)

Final Evaluation (comprehensive, to cover the entire semester)

**Method of teaching:**

This course teaches students through lectures, discussions, demonstrations, teamwork, and projects.

**Care of Equipment:**

#### Students are expected to take care of the equipment assigned to them. Anything that does not seem right or seem broken should be reported to the teacher immediately. Each computer is the property of West High and not the student. No student should assume it is okay to change background settings, change fonts, save on the hard drive (without permission), download software, etc. Any student not respecting equipment will be referred to their appropriate administrator.

**Computers are available for use as long as the following rules and conditions are followed:**

* **No food or drinks are to be at the computers or desks.** Store them on table by the door.
* **No use of cell phones to text or make calls during class.**
* **If music is permitted in class, it must be from your own MP3 player, NOT from the computer**
* **Absolutely no YouTube videos. Students are not to access videos unless it is for educational purposes.**
* Permission to play games from flash drives, such as Mine Craft (or similar games), **will not be granted**
* **District policy – you are not to store games, videos, or music on your H: drive network folder.**
* **District policy –** **you CANNOT access your email, IM’s, blogs, social networks** *(and other similar sites),*without the teacher’s permission and with proper monitoring of the activity by the teacher.  **Absolutely no use of any secondary website or proxy servers to get around Vision or the district firewall.**
* **Students are not to be on the Internet or in any other program or game on the computer, unless authorized by the instructor.** Get your work done and ask for permission to be on the Internet.
* **When computers or the Internet are on lock-down, do not disable, delete, or use a backdoor to gain access.** Get your work done in class and you can have permission from the instructor to use the Internet.
* **Be proud.** No writing in textbooks, on desks, on machines, etc.
* Students are not to share any completed assignments—**this is considered cheating.** Both students will receive a zero on the assignment(s).
	+ Do not share flash drives—**this is considered cheating.**
	+ Do not to share usernames or passwords (you cannot log on as another user)—**this is considered cheating**

**Student Signature \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Parent Signature \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**