
EBHS Design Studies Course Outline

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Welcome!!!

Design Studies allows students to gain an appreciation for the design fundamentals. Learning how to manipulate the design fundamentals in a variety of problem-solving situations is a major focus of this curriculum. Creativity and problem solving are tools of design. Developing theoretical solutions to problems and testing those ideas using a variety of methods, materials, and processes helps students to evaluate and make decisions as to what is a good design. The students will solve visual, structural, and organizational problems. Students will have the opportunity to solve design problems making choices, compromises and decisions. You will be studying 6 modules, each one taking about a two and a half weeks to complete. The following are examples of your modules:






1. THE DESIGN PROCESS

→ Students develop an understanding of design problems through researching, selecting, generating and evaluating possible solutions.





2. 2-D DESIGN

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- Students develop skills and techniques for 2-D design by using tools, materials and processes common to 2-D design to complete a variety of project activities.





3. 3-D DESIGN

- Students develop skills and techniques for 3-D design by using tools, materials and processes common to 3-D design to complete a variety of project activities. This module is heavily based in Google Sketchup

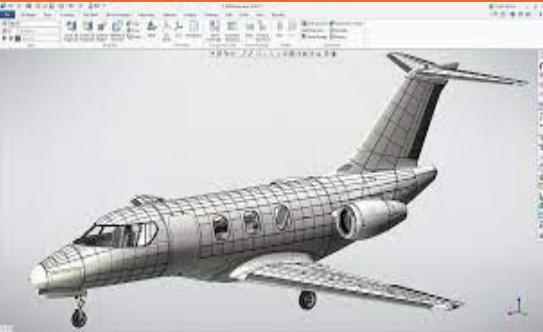




4. CAD



Students develop basic knowledge and skills in computer-aided design (CAD). This module is heavily based in TinkerCad

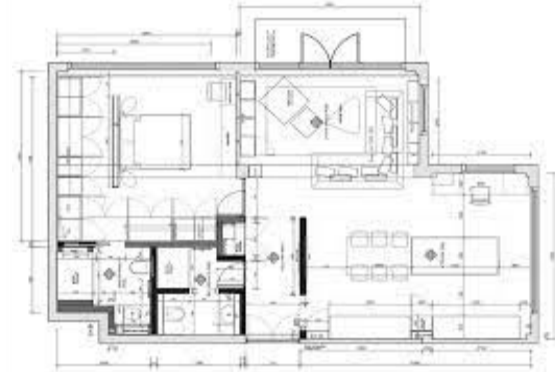




5. Technical Design and Drafting



Students develop basic knowledge, skills and techniques to draft drawings for visualizing and illustrating simple design problems.

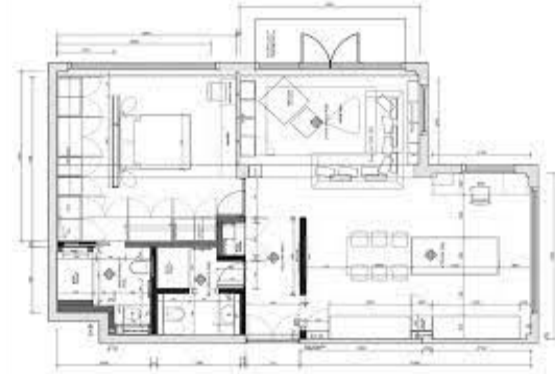




6. Computer Game Development




Students develop basic knowledge and skills for creative arts while building and playing online games.



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Students who do not earn credits from at least three modules will not be allowed to take Design Studies in subsequent years.

Tip: 
Ensure that all assignments and evaluations are completed to receive full credit.

Evaluation

Each module stands alone. There is no overall grade in Design Studies. Each module has three components and their weighting is as follows:

- **Knowledge (30%) - Students will complete Google Forms and research assignments to demonstrate their understanding of curriculum based outcomes.**
- **Skills (60%)- Students will demonstrate understanding of content areas through assignments or projects.**
- **Employability (10%)- Students will complete Google Forms to identify their workplace skills.**

Course Expectations:

Attendance: If you miss a class, you are still responsible for the class work and any assignments completed.



Tip

- 1) Always come to class with your Chromebook!!!
- 2) Any work done through Google Classroom must be turned in online in order to receive marks. Work that is not submitted will be deemed late until turned in and not marked.