






**Project: Selecting a Computer For A Client**  
**ECS – Understanding Computer Components**  
**20 pts.**



**Purpose:** Students will understand the purpose and value of computer components based on the user's need.

**Project:** Two students will play the roll of two separate fictional characters who are in the market for a computer and have specific needs. Each students will research and build a computer online that will meet these needs, but for the least amount of money possible. The student will have to explain to the funder (the rest of the class) why the funder should pay for this computer. The class will then vote for the computer the feel meets the need at the best price. Winner gets a prize...to be determined.

Photo	User's Name	Funder	Description of Need
	Grandpa George	Himself	Grandpa likes to email his family and friends. He surfs the internet looking for articles to send them. He is older, so rarely leaves the house. He also has a fixed income and can't spend much.
	Sales Director Sally	Small Corporation	Sally spends most of her days traveling. Making sales calls to clients. The only thing she uses a computer for is to email business clients, watch ;movies on Netflix and to download and read an occasional book.
	Andrew the Accountant	Large Corporation	Andrew is an accountant for a major tire manufacturer. Andrew starts each day emailing the clients and, but then spends the rest of the day sitting in his tiny office working on Microsoft Excel spreadsheets and Word documents. Andrew rarely gets out.
	College Bound Craig	His Father	College is starting college. He needs a computer that will allow him to take notes in all his classes. He enjoys emailing and checking up on his friends on Facebook. He will need Microsoft Word and PowerPoint for his projects In his free time, Craig will spend hours playing video games.
	Susie the Video Queen	Her Business	Susie owns a very successful video editing company. Clients will send her film and she spends day and night in her office editing films.

**Gradesheet – 20 pts.**

The judges (students) need to highlight the needs for each user above. Then, as the student presents the computer they recommend, the judges need to check to see if each of the needs are being met.

Criteria	Points
Does the computer being recommended meet the needs of the user?	5pts.
Is the computer being recommended show that the student tried to minimize the cost of the computer?	5pts.
How was the student's presentation? Did they persuade you into believing this was the best computer to buy?	5pts.
Which student did the class vote for?	5pts.