

## Contract Examples

### A&S

#### **Psychology**

My proposed project is to use the GPA, IQ, and self-concept scores of 78 seventh graders from my Statistics textbook and translate these scores into statistics through the use of Excel. For each of the three categories I will calculate the three measures of central tendency (the mean, median, and mode).

I am proposing this project because the discipline of psychology co-evolved with statistics. In other words, without statistics psychologists would have no way to make sense of the data they obtain from experiments. Not only does this project relate to psychology, but it helps me to obtain a better knowledge of the process that a psychologist goes through to come up with accurate statistics.

This project will be evaluated mainly on the basis that I complete all parts of the project. In other words, that I compute all the means, modes, and medians, make all the histograms, and compute all of the correlations that I said I would.

#### **History**

Examine the use of propaganda in the USSR from 1945 to the end of Stalin's Russia. Create a book showing some of this propaganda and describing it in accurate text. Try to find examples of posters, art, newspapers, and political cartoons that were used in the propaganda. After finding these examples, I will put them into a book and explain how they were used.

To show the immense amount of propaganda that was generated at this time in Russia to persuade citizens to think a certain way. While many people are familiar with the American propaganda at this time they have not seen the propaganda from the "eastern" part of Europe.

The book is to be thoughtful, creative, and grammatically correct. It must also look professional (not stapled together at the last minute with glued images on Xeroxes, etc.) 15-20 examples must be examined in the book. It must be turned in to the professor by the end of the quarter.

### CCM

#### **Theatre Design and Production: Costume Design**

As part of the class, I will read *The Tempest*. For my project I will design both a major and minor character costumes. I will draw them out and include fabric swatches with the design. Along with these, I will also write a one or two page paper describing why I chose the designs and fabric swatches for each character. This will not be a random choice, but will result after the reading of *The Tempest*.

I will learn more about the designing area of my field. Going into costume technology, it is very important to have a deep knowledge in how the design process works and how designers go about choosing their designs. I will be learning methods that will help me later in my career, and will start to build a portfolio of my ideas to potentially show to future employees.

The professor will grade me on my ability to complete the project as described above. I must turn it in by the set deadline and complete both the designs and the paper, clearly showing the time and effort put into them.

#### **Lighting Design**

I will be analyzing a play and applying it to my area of study (lighting design). I will be doing this by creating a lighting design for the play that I will be analyzing. I meet with my professor once every couple of weeks to discuss my ideas and gain his perspective on how lighting should be done to gain the greatest effect. Through this, I will present my ideas, and the professor will critique them.

I will gain more knowledge of how to apply the elements of a script to how the lighting is designed, and use the lighting to support the script. I am going beyond the basic requirements by actually carrying out the result of analyzing the script and going as far as to where we would actually carry out my design. While the play will not actually be produced, the goal of the project is to get it to that point.

The evaluation will be a final review of the project and a final meeting with the professor. The criteria that he will use are whether or not I accomplished the goals of the project in successfully creating a lighting design.

### DAAP

#### **Intro to Ceramics II**

This quarter I will spend at least an average of four hours each week (likely more) using the ceramics wheel. I will learn to center and create various types of vessels. The focus of this project will be on learning the different throwing techniques that are involved in using a ceramics wheel.

At the end of the quarter I will write a self-evaluation including a commentary about this technique. My goal for this quarter is to become proficient in the use of the wheel. I may be teaching wheel throwing this summer, so I feel it is necessary for me to become good at it. UC does not offer a course about the wheel, so I am using this contract to supplement my ceramics skills.

The teacher will evaluate my performance based on the forms that I make throughout the quarter and the self-evaluation paper. She will judge based on progress, effort, commitment to learning, and insight into the technique, and whether I have grasped and mastered the techniques well enough to teach others.

## **Fashion Design**

I will research weaving techniques and specifically learning how to card weave. Using the research about weaving techniques, I will make a sample (belt, scarf-type size) using one or more of the weaving techniques that I have studied.

Learn more in depth the techniques used to produce different textiles and produce our own clothing accessories. Having this skill is invaluable to the fashion designer, and by doing this project, I will be able to better understand an aspect of producing textiles that I have not had previous access to.

I will be graded on my ability to learn the technique well enough to produce a successful sample. My project will be graded on the knowledge gained to produce textiles that involve different weaving techniques. I will also be graded on the quality of the project.

## **Engineering**

### **Orientation to Computer Science**

This project will be a computer program using the C++ programming language. While the details of the project have yet to be determined, it will most likely be a culmination of the ideas and techniques learned in the previous course, ECECS121. Unlike the rest of the course participants, I will apply the knowledge gained from the course to actually design and implement a computer program.

The project will provide extra experience with using the language, and will tie the concepts that we learn in class together at the end. Upon completion of this task, I will have a solid example of my ability as a programmer thus far, and hopefully an example of my work to add to my portfolio for future employers view.

The professor will evaluate my performance by how well the program works, the quality of the source code, and how well I know and am able to utilize the C++ computer language.

### **Data Structures**

I will be writing a program to be used in network security here at UC that calculates a large prime number (at least 32 bits long). This would be a prime number at least 4,255,000,000 or so. After completing this, I will need to perform various operations to make sure that this program will be up to par and functioning for UC security.

As a result of this contract, I will learn a great deal about what primality means and how it is used in security, as well as have an opportunity to further practice all of the good software development techniques discussed in class while writing the program.

I will be evaluated by the professor on the quality of my program, whether or not it runs, whether I used good programming style, and whether the program accomplishes the desired task.

## **Nursing**

### **Community Administrative and Psychiatric Nursing**

Another Honors student and I will be making samples of food for the class to taste. We will be presenting high nutrient dense foods vs. low nutrient dense foods and low fat foods vs. high fat foods. The class will be asked to tell the difference by a survey with out knowing which is which. This will help our entire class experience determining the taste differences between the "healthy" food and the "non-healthy" foods.

We will gain insight on how to prepare low-fat and high nutrient dense foods. We will also gain knowledge on the taste differences that go along with making foods healthier. This will be beneficial to us and to our future clients. We will be doing reading and studying about health food preparation in addition to what is required for class to do this project.

The professor will be using her grading criteria that includes aspects in completeness, accuracy, and neatness, spelling and grammar on our presentation in class and also on our 2-page analysis of the presentation and information learned.

## **Teacher's College**

### **Director SOA**

Design an interactive web page that will allow a group to do a get to know each other/icebreaker activity online. By implementing this online this will allow for groups to do a virtual "get to know each other" type activity without everyone needing to meet each other face to face.

By designing an icebreaker, I will be able to apply the various icebreakers I will be introduced to in class into a new format, thus allowing people to get to know each other better. I will also develop some of my web programming skills, and gain a working knowledge of how to set up online activities.

I will be graded on the following: Design of web page, Design of team builder, Usability of web page, Effectiveness of web page as a team builder, Overall Effect.