

LIBRARY QEP: Real-World Problem Solving

Creating a campus environment that is friendly to students with disabilities

The challenge that has been brought before us is to research the needs of students with ADA-recognized disabilities at Columbus State University and design potentially viable solutions which will aid these students to succeed in their academic endeavors. Projects will be judged for design viability by a panel of judges.

Please Note: Dates & Times May Change
Total Points: 500 POINTS!!!!

Discover the Real-World Problem (RWP): In the discovery phase of this project, your team will perform the following:

Your team is charged with discovering an informational need (research problem) involving persons with disability on Columbus State University campus.

1. Brainstorm, utilizing a concept map. The concept map will become part of your final project. This activity will be further explained during assignment entitled: **Team Concept Map** on your syllabus.

DUE: Feb. 23rd 100 Points

2. As a part of the final project, you will be asked to create a KWHL chart. This activity will be further explained in the activity entitled: **Final Project KWHL Chart**.

DUE: Feb. 23rd 30 Points

3. **Field Work Activity**: I want your team to collect information from students who identify with disabilities. Dr. Izumi will ask you to complete a field work exercise.

DUE: Feb 23rd 50 Points

4. Define the Problem: At the end of the above activities, you will be able to state your problem which you intend to solve. I will ask the group to explain the team's Final Project Concept Maps, KWHL, and Field Research on Feb 23rd.

DUE: Feb 23rd *Score is included in Final Project Concept Map*

Design a solution for your RWP: Your team needs to come up with a solution to the problem. In order to design a solution, you must obtain an understanding of the problem and past solutions. The following will aid you in an understanding of your RWP:

1. Create a Final Project Proposal that describes your solution and is based on research. This activity will be further explained with more details in the activity entitled: **Real-World Solutions**

DUE: April 4th 50 Points

2. Your team is to add your possible solutions to the concept map. The team will also add the informational resources they utilized in the project. This will be further explained in the assignment and in **Team Concept Map Part 2**

DUE: Graded on Tower Day 100 Points

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Delivery of Your Presentation: You are going to present to your solution to the world. Columbus State University has an event called **Tower Day**.

“Tower Day is the annual showcase of undergraduate research and creative endeavors that is the cornerstone of the Academic Week of Excellence. Students from all disciplines have been invited to present their scholarly activities to our community to share their discoveries and inspire others to study in and learn more about their fields.” - 2016 Tower Day PDF

Your team will present your research in the poster session. More details of what I expect will be explained in the activity entitled **Tower Day Presentation!**

DUE: April 13th 200 Points

We will also be making a **Master Presentation** which will tie all the team projects surrounding campus improvements which might lead students with disabilities to student success.

DUE: April 11th 20 Points

Reflect on your Solutions: We will spend some time reflecting on your project. We will perform an exercise on Reflection and Resolution. For more details see **Reflection and Resolution Exercise**.

DUE: April 25th 50 Points