

CTF “Business”: Comp B

CSI: Cool Science Investigation

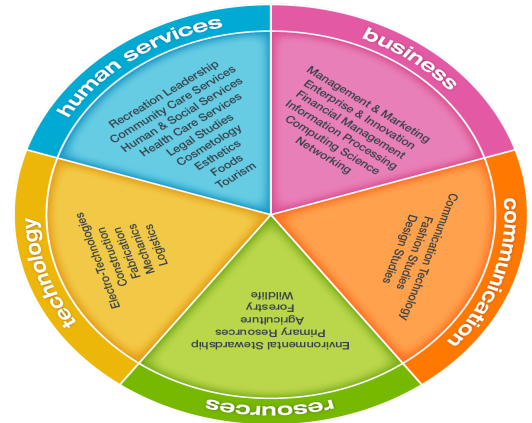
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Course Description:

Enjoy the wonderful world that science has to offer by enquiring, exploring, and implementing experiments. Each class will be set up as an individual lab activity involving physics, chemistry and maybe even a little mythbusting.



Activities

- **A variety of lab and stem activities will be completed this semester:**
 - Newspaper tower building
 - Bridge building
 - Marshmallow catapults
 - Elephant Toothpaste
 - Pop bottle Rockets
 - Unpoppable Bubble
 - Fireproof and Skewer balloons
 - 3D Holograms
 - Homemade Lava Lamps
 - Hovercrafts
 - Etc.

Supplies

Students are expected to bring the following supplies to class during this course:

- Pencil or Pen, Duotang
- Computer logon passwords

CTF Outcomes

These are the areas we will be focusing on as a class.

Outcome # 1: I explore my interests and passions while making personal connections to career possibilities.

Outcome # 2: I create products, performances or services in response to challenges.

Outcome # 3: I follow safety requirements associated with occupational areas and related technologies.

Evaluation

Students will be expected to complete daily assignments, projects and tasks. Students will be assessed on completed projects and work habits within the classroom. The rubrics for marking projects and work habits are listed below.

Sample Project Rubric

Project Criteria	Adapt	Apply	Acquire	Incomplete
Project Requirements	Amazing! This project goes above and beyond the requirements outlined.	Good! This project has the requirements outlined for this project but does not go above and beyond what is expected.	Project is satisfactory, but lack of planning is evident. Missing some key requirements of the project	Project is incomplete or only the minimum standard was completed.
Creativity	Demonstrates a unique level of originality and makes the project their own.	Demonstrates originality but is unable to create unique ideas independently.	Lacks sincere originality.	Shows little or no evidence of original thought.
Effort	The project is outstanding and was finished with a great deal of patience and effort.	Completed in an above average manner.	Project is finished but lacks finishing touches or could be improved upon with little effort	Project was not completed in a satisfactory manner.

Work habits rubric

Work habits criteria	Adapt	Apply	Acquire	Incomplete
Positive attitude	Always	Regularly	Occasionally	Rarely
On task	Always	Regularly	Occasionally	Rarely
Uses supplies/resources responsibly	Always	Regularly	Occasionally	Rarely
Finishes projects on time	Always	Regularly	Occasionally	Rarely
Follows routines & classroom procedures	Always	Regularly	Occasionally	Rarely
Treats others with respect	Always	Regularly	Occasionally	Rarely