

Mission To Mars

Dates of Course

This course is set to run: (TBD)

Course Description

Mission Statement:

It is my goal through this online course to give all participants a positive and rewarding experience through our interaction. There will be readings, discussions and classroom projects. This course will be a fun online activity. You will create a useable power point and several classroom activities. This course was produced in alignment with the NYS Standards. There will be reflections on various related readings from several web-sites. This course is very adaptable to all levels but is highly recommended for teachers 5-12. Are you ready for the mission?

NY State Standards

This course is aligned with NYS Standards in Science & Technology, Social Studies, English and Language Arts. This course will enable participating teachers to support their students in meeting the following standards, key ideas and indicators:

English Language Arts

1. Language for information and sharing
2. Language for Literary Response and Expression
3. Language for Critical Analysis and Evaluation
4. Language for Social Interaction

Social Studies

1. Standard 3 Geography

Mathematics, Science and Technology

1. Analysis, Inquiry and design
2. Information Systems
3. Science
4. Mathematics
5. Technology
6. Interconnectedness, Common Themes
7. Interdisciplinary Problem Solving

Career Development and Occupational Studies

1. Career Development
2. Integrated Learning
3. Career majors

Standard 2-Information Systems

1. Retrieve, process and transfer information using appropriate technologies.

Office Contact Information

Contact me:

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Additional virtual office hrs (agreed to by consensus)

Prerequisite Skills/Knowledge

In order to be successful in this course, participants should possess the following skills/knowledge.

1. Working knowledge of Power Point Program in Microsoft Office. Participants should be literate in Microsoft Word, creating documents, attaching documents, and downloading documents and Microsoft Excel.
2. Participants should have basic technology skills. These include, but are not limited to, accessing the Internet, using e-mail, and basic word processing.
3. Participants will need reliable access to a computer, the Internet and a printer.
4. It is expected that participants will have a working e-mail account and be able to use e-mail effectively.
5. Virus protection software is suggested.
6. Participants should take the tutorial on the software we will be using (Caucus). The tutorial can be found in the "Resources" area.

Road Map Overview

For a more complete road map of the course, refer to the section "Course Documents" and look for Road Map.

Week 1 Ice Breaker Activity: Electronic Name Badge, Tutorial on Caucus, Rules of the Course.
Week 2 NASA: Mars Rover Website is explored
Week 3 Read the article about space science as a career. Then post a response to questions.
Week 4 Create a classroom activity.
Week 5 Research future Mar's missions.
Week 6 Read article then discuss space science as a career.
Week 7 View exemplary power point as an example. Create a power point presentation, (4 slides). Read the article on Special Education then describe how you could modify your power point assignment to make it more successful for the special education student.

Course Evaluation

Time Allocation

This is a 1 credit In-service Course offered by the Teacher Centers Online Academy. In accordance with guidelines set by the Teacher Centers Online Academy this course will reflect 15 hours of actual class work time. The class work will be conducted both online and offline.

Discussion Boards & Chats:

1. Try to maintain threads by using the reply button on the item you are responding to (not the last item in the thread). Preview your posting before submitting.
2. Be patient and read others' comments thoroughly before posting your reply.
3. Be positive, inquisitive and reflective in your responses.
4. Be respectful of other people's ideas.
5. Do not make insulting or inflammatory comments