

# **CTED918 - Integrating Science Web Resources in the Classroom (Online)**

## **1 Credit Independent Study**

**Instructor** Name: Amy Kretsch  
Email: it4educators@gmail.com

**Course Description:** Explore online Science resources and compile an annotated list of Science websites for classroom technology integration. Use Science websites to develop project based technology ideas, create an online repository of web resources and determine website uses for your classroom.

### **Goals and Objectives**

As a result of this participation in this course, students should:

1. Determine State curricular areas/academic standards in your classroom to incorporate Science websites.
2. Develop project-based technology ideas and assessments related to Science from a variety of online resources.
3. Create an annotated classroom list of Science websites for technology integration use by students and the teacher.
4. Create an online account (del.icio.us) with a list of Science websites that can be accessed from any computer.

### **Texts/Readings**

All required readings are found online.

### **Assignments and Projects- (100 points total)**

The following assignments and projects are required for this course:

- 1) Science Website Objectives (1) form (20 points) –**  
Select a website from the list of **Science Websites Assignment (1)** to integrate into your classroom curriculum. Fill out Science Website Objectives (1) form. Be sure to include the website name, website address, brief description of website, the curricular objectives and the assessment or outcome expected from the website. Save in Microsoft Word and upload it in Moodle. Label the Assignment – Science Website Objectives (1).
- 2) Create a del.icio.us account (5 points) –**  
Create an online account at [www.del.icio.us.com](http://www.del.icio.us.com). Add the Science websites that you will use in your classroom to your account as you complete each objective form. Send an e-mail to your instructor with your del.icio.us account name on it.
- 3) Science Website Objectives (2) form (20 points)-**  
Select a website from the list of **Science Websites Assignment (2)** to integrate into your classroom curriculum. Fill out Science Website Objectives (2) form. Be sure to include the website name, website address, brief description of website, the curricular objectives and the assessment or outcome expected from the website. Save in Microsoft Word and upload it in Moodle. Label the Assignment – Science Website Objectives (2)

**4) Web Guide Planning Template (15 points) –**

Fill out the web guide planning template for a website to integrate into your classroom curriculum. After you have completed the web guide, copy and paste it into Microsoft Word and upload it in Moodle.

**5) Science Website Objectives (3) form (20 points) -**

Select a website from the list of **Science Websites Assignment (3)** to integrate into your classroom curriculum. Fill out Science Website Objectives (3) form. Be sure to include the website name, website address, brief description of website, the curricular objectives and the assessment or outcome expected from the website. Save in Microsoft Word and upload it in Moodle. Label the Assignment – Science Website Objectives (3)

**6) Personal Science Website Objectives form (20 points) -**

Select three websites from **your own personal list of Science Sites**. Fill out Science Website Objectives (4) form (in Moodle). Be sure to include the website name, website address, brief description of website, the curricular objectives and the assessment or outcome expected from the website. Save in Microsoft Word and upload it in Moodle. Label the Assignment – Personal Science Website Objectives (4)

## **Evaluation and Grading**

(Course specific assessment description)

All assignments, regardless of length, must be typed and incorporate APA style references when appropriate. Written assignments will be evaluated on accuracy of information, completeness of assignment, clarity of writing/presentation, organization of information and material, and accomplishment of the goals for each assignment.

A = 94-100 points

A- = 90-93 points

B+ = 87-89 points

B = 84-86 points

B- = 80-83 points

C = 75-79 points

F = less than 75 points

I = Incomplete Work