

**JAMESTOWN COMMUNITY COLLEGE**  
**State University of New York**

---

**INSTITUTIONAL COURSE SYLLABUS**

**Course Title:** Science Connections

**Course Abbreviation and Number:** INT 2800

**Credit Hours:** 1 credit hour.

**Course Type:** Lecture

**Course Description:** A science outreach opportunity for science majors, students in this course design and present hands-on science investigations for elementary students in physical science, biology, chemistry, and earth science/geology.

**Prerequisite:** science major with sophomore standing and permission of instructor.

---

**Student Learning Outcomes:**

Students who demonstrate understanding can:

1. Design a hands on laboratory experience for elementary children that focuses on a particular learning outcome. Examples may include, but are not limited to: simple circuits; keeping data on the weather; rocks and fossils; wave motion, using a microscope, understanding colors; how do we see? etc.
2. Interact with elementary students in a positive and encouraging manner. JCC students will lead the elementary students to construct their own understandings via sufficient time and encouragement.
3. Appreciate the importance of sharing the excitement of science with elementary aged children.

**Topics Covered:** The topical outline is determined every semester by the interests of the JCC students involved in the course. There are no predetermined topics to cover. Attempts are made to coincide with the curriculum of the grade level. However, it is more important to tap into the experience and expertise of the individual JCC students. The lessons are all hands on and the teachers can extend the lesson in subsequent weeks as time and energy allow.

---

**Information for Students**

- Expectations of Students
    - [Civility Statement](#)
    - [Student Responsibility Statement](#)
    - [Academic Integrity Statement](#)
  - [Accessibility Services](#)  
Students who require accommodations to complete the requirements and expectations of this course because of a disability must make their accommodation requests to the Accessibility Services Coordinator.
  - [Get Help: JCC & Community Resources](#)
  - [Emergency Closing Procedures](#)
  - Course grade is determined by the instructor based on a combination of factors, including but not limited to, homework, quizzes, exams, projects, and participation. Final course grade can be translated into a grade point value according to the following:

A=4.0	B+=3.5	B=3	C+=2.5	C=2	D+=1.5	D=1	F=0
-------	--------	-----	--------	-----	--------	-----	-----
  - Veterans and active duty military personnel with special circumstances (e.g., upcoming deployments, drill requirements, VA appointments) are welcome and encouraged to communicate these to the instructor.
- 

**Effective Date:** Fall 2021