

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

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**INSTITUTIONAL COURSE SYLLABUS**

**Course Title:** Science Connections

**Course Abbreviation and Number:** INT 2800

**Credit Hours:** 1 credit hour.

**Course Type:** Lecture

**Course Description:** Science Connections is an experiential course that is designed for students who are passionate about science, education, and outreach. This course offers the opportunity to design and teach hands-on science lessons to elementary school students. Throughout the course, participants will explore key principles of science and education, develop engaging, age-appropriate lessons, and gain experience leading science activities in local elementary classrooms. Students will work collaboratively to create lessons that foster curiosity, critical thinking, and a love of science.

**Prerequisite:** ENG 1510

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**Student Learning Outcomes:**

Students who demonstrate understanding can:

1. Develop age-appropriate science lessons in Biology, Chemistry, Physical and Earth Sciences.
2. Engage in reflection to improve teaching practices.
3. Effectively communicate scientific concepts in an accessible and fun way, while making a positive impact on the next generation of scientists.

**Topics Covered:**

Lessons will include: Biology, Chemistry, Physics/Physical Science and Earth Science.

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**Information for Student**

- 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
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- 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.
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**Effective Date:** Spring 2026