

SECOND YEAR STUDENT COURSES AT CUUB:

As a student progresses, the coursework and expectations increase. During their second year in the program, a student will continue their academic work in mathematics, and writing, Spanish. In addition, a second year student will take the following courses:

- **MATHEMATICS – See FIRST YEAR**
- **CHEMISTRY** - Each second year student completes an introductory course in chemistry. This course takes advantage of access to the lab facilities in the Department of Chemistry on the University of Colorado campus, which provides students with an introduction to an area of science unavailable in the target schools. Basic Chemistry topics are covered and correct lab etiquette and lab reporting are stressed to emphasize the scientific process.
- **AMERICAN INDIAN LITERATURE** - Course content alternates from year to year depending on instructors' and students' concerns about current issues. Sample topics include introduction to federal Indian law, tribal sovereignty, story, and stereotypes. This course also serves as the English component for the second year focusing on literary critique, writing style, and writing exercises devoted to annotation, argument, and critique.
- **SPANISH 2** - This course continues the study of Spanish 1 by building upon the ideas offered to first year students. More time is spent on this topic in the second year. By the time students are finished with this two year sequence students should have a basic understanding of the structure of the Spanish language as well as differences between the languages they speak and the Spanish language.
- **CAREERS** – Students will explore and research career fields of interest. They will explore which fields best suit their working style. They will do some job shadowing and will be involved in a “career day” in which they will hear employees educate them on their respective fields. Employees will represent the following professions: medicine, engineering, and science the rich scientific community offered in Boulder.
- **NATIVE AMERICAN STUDIES** – Students in this course will gain an historical and contemporary understanding of the state of Indian Country. Federal policy, government to government relationships, Tribal Sovereignty, tribal membership, economic development and many other issues will be explored.
- **ELECTIVES** - Each second year student will take an elective. They will have the opportunity to choose from four areas (listed below) depending upon interests.
- **ASTRONOMY** – This class is designed to offer students an introduction into the night sky. Contemporary topics in Astronomy will be covered as well as a history of Astronomy, both Native American and Western will be covered. Use of the planetarium and observatory will be available to students.
- **NANO-SATELLITES 2** - In conjunction with the Colorado Space Grant Consortium we will be offering students a chance to build nano-satellites. This is a continuation of the course

offered to 1 st year students and provides an opportunity to advance knowledge in the area of engineering.

- **FILM** – Students in this class will discover how to make film. Storyboards, layout, and dialogue will aspects that this class will explore. Projects may include documentaries, short stories or feature films.