

FIRST YEAR STUDENT COURSES AT CUUB

- **BIOLOGY** - Each student is enrolled in a six-week course in biological science. The course emphasizes field and laboratory skills as they pertain to ecological concepts in the world of living things.
- **CREATIVE WRITING** - In this course, students are expected write clearly about immediate experiences, write a commentary expressing and supporting an opinion, edit, proofread, and rewrite their own work and the work of others. In addition students will partake in writing in different styles of poetry, short stories, and dialogue. In addition to the normal class time, students are provided a writing lab in order to receive more individualized instruction and computer time.
- **MATHEMATICS** - Each student is placed in an individualized program. The mathematics instructor employs students' school records, informal diagnostic procedures, as well as diagnostic mathematics test results to place students in math courses. These courses encompass all high school level mathematics. This includes Pre-Algebra, Algebra 1, Algebra 2, Geometry, Pre-Calculus/Trigonometry, and Introductory Calculus and Calculus 2.
- **SPANISH 1** - First year students are enrolled in a Spanish 1 course. Students learn about how another language is related to their own, allowing them to compare and contrast languages. Students will understand that language is a major component of culture.
- **COMPUTING SKILLS** - This course emphasizes basic computer literacy. Students learn to navigate computer operating systems and use applications programs. Students master word processing and spreadsheet software and thereafter turn in English assignments and lab reports in printed form
- **STUDY SKILLS** - Students learn general study skills including note taking, reading strategies, time management, and test preparation.
- **NANO-SATELLITES/HERBST** – In conjunction with the Colorado Space Grant Consortium and the CU School of Engineering we will be offering students a chance to build nano-satellites. The practice of engineering and real-life constraints such as budget, goals, specifics, and data-collection will be employed. An overview of project success and reports will ensue. The CU School of Engineering will allow access to all laboratory equipment and facilities.
- **INTRO TO ENGINEERING** – Through various hands on experiments, guest speakers and class projects CUUB students will gain a deeper understanding of the world of Engineering and what Engineers do.