

March 3, 1994

40 Council of Colleges and Schools Bill #14

University of Colorado
Student Union

Sponsored by: Engineering School Representative Kristy Hotaling

Authored by: A.I.A.A. President

Paul Hoffeker

A BILL

BILL HISTORY

2 The American Institute of Aeronautics and Astronautics (AIAA) is an
organization dedicated to exposing its members to all aspects of
4 the Aerospace industry. In this pursuit, the group offers bi-
monthly meetings with guest speakers from the field, social events,
6 paper conferences, department information, industry tours,
student/faculty interaction as well as field and organization
8 publications. Overall, AIAA acts as an extension to students' education.

10 On April 14, 1944, Martin Marietta Senior Engineer Robert Zubrin
will present **Mars Direct: A Simple, Robust, and Cost Effective**
12 **Architecture for the Space Exploration Initiative.** Mars Direct
involves sending an unfueled and unmanned Earth Return Vehicle to
4 Mars. The Vehicle produces a return propellant from Mars
resources. Then, a second vehicle delivers the crew of astronauts,
16 who explore the site, and return in either vehicle.

18 Mars Direct addresses interdisciplinary concerns such as
utilization of natural Martian resources, implementation of
20 redundancies, the projects Lunar Applications, project costs, crew
safety and scientific exploration. In turn, Mr. Zubrin encourages
22 discussion and questions related to the project. This talk yields
an excellent opportunity for students and faculty, from all areas
24 of the university, to benefit from the lecture and discussion.

26 Mr. Zubrin lives in Denver, so his travel costs and associated fees
are minimal. The group will focus on advertising starting one
28 month prior to the event. AIAA will provide pizza and pop to all
those who attend the event, which will foster greater attendance
30 and will allow an informal atmosphere for discussion. In addition,
in appreciation of Mr. Zubrin's participation, the AIAA officers
32 will take him to dinner at a local, moderately priced restaurant.
The rest of the costs will be the audio/visual equipment rented
34 from Academic Media Services.

BILL SUMMARY

38 This bill allocates \$573.95 plus GAR from the Council of Colleges
and Schools Local Schools Rollover Account to fund the expenses
needed to bring a guest speaker, Robert Zubrin from Martin
0 Marietta, to visit the University of Colorado at Boulder campus.

The lecture will take place on April 14, 1994 and all university students will be invited to attend.

BE IT ENACTED by the Council of Colleges and Schools of the University of Colorado Student Union, THAT:


Section 1: This bill allocates \$573.95 plus GAR from the Council of Colleges and Schools Local Schools Rollover Account to fund expenses required to bring a guest speaker, Robert Zubrin from Martin Marietta, to the University of Colorado at Boulder campus. The event is hosted by AIAA and will take place on April 14, 1994.

Section 2: Written reports and editorials shall be submitted pursuant to 34CCSB#15.

Section 3: This bill takes effect upon passage.

BUDGET				
	Item	Quantity	Cost per	Cost Sum
Advertisements	Flyers	50	\$.10	\$ 5.00
	Posters	20	.50	10.00
	Newspaper ads	4	55.00	220.00
	Mailer-students	250	.19	47.50
	Letters-faculty	157	.29	45.53
Lecture	Audio/Visual	1	35.00	35.00
	Acad. Media Svcs.			
	Pizza Hut Pizza	20	8.00	160.00
	Pop, 2 liter	14	.99	13.86
	Napkins, pack	1	.92	.92
	Cups, pack of 20	4	1.11	4.44
	Ice (5 lbs.)	2	.85	1.70
Dinner	Robert Zubrin	1	30.00	30.00
Grand Total				\$573.95

3/3/94-Passes-Council of Colleges and Schools-1st Reading-7-0-0
3/10/94-Passes-Council of Colleges and Schools-2nd Reading-Accl.


Brandon Nicholson, Speaker
UCSU Council of Colleges and Schools