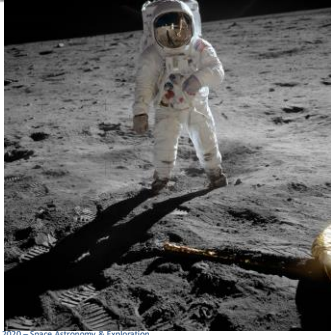


Today's Class: *To the Moon, CapCom Go!*

1. Read about Project Apollo at:
https://en.wikipedia.org/wiki/Apollo_program
2. Exam #1 next Monday, Sep. 21.



Astronomy 2020 – Space Astronomy & Exploration

1

Last Class

- USSR first again – 1st man in space.
- Project Mercury
 - Program goals
 - First U.S. astronauts
 - Shepard & Glenn
- Project Gemini – bridge to the Moon

Astronomy 2020 – Space Astronomy & Exploration

2

Today's Learning Goals

- Why was Apollo important in learning how to explore another planetary body?

Astronomy 2020 – Space Astronomy & Exploration

3

Fiske Planetarium Program

CapCom Go!

Astronomy 2020 – Space Astronomy & Exploration

4

Class Exercise

Did we go to the Moon too soon in the 1960's when the costs were high and technology had to be developed from scratch? Was this part of the reason that the space exploration program was not sustainable after Apollo? Take a position and justify.



Astronomy 2020 – Space Astronomy & Exploration

5

First Man



Astronomy 2020 – Space Astronomy & Exploration

6

TO THE MOON
WITH DYNETICS

THE IMPORTANCE OF LUNAR EXPLORATION AND UTILIZATION

TUESDAY
SEPT 15
11 AM EST / 10 PM CST
VIRTUAL WEBINAR

MEET THE DYNETICS HUMAN LANDING SYSTEM AND SEE HOW WE ARE ENABLING AN EXCITING AND SUSTAINABLE FUTURE FOR HUMAN EXPLORATION

FEATURED SPEAKERS

FORMER ASTRONAUTS

- Jim Dickson
- Lina Bachhuber
- Janet Kavand
- Carl Weitz

INDUSTRY EXPERTS

- Dr. Alan Stern
- Dr. Jack Burns
- Mark Peley
- Ian Haverickson
- Dr. Georgiana Kramer

Dynetics
A Lockheed Company

AIAA

MAXAR
SBO

LOCKHEED MARTIN
ULA

LET US KNOW FROM YOUR REGISTRATION & FOR YOUR PRESENTER, AIAA WILL RECEIVE A 20% DISC. TO ACCESS OUR AIAA WEBSITE.

7

Today's Learning Goals

- Why was Apollo important in learning how to explore another planetary body?

Astronomy 2020 – Space Astronomy & Exploration

8