

# ENGR 125CS

To the Moon, Part 1

Name: \_\_\_\_\_

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1. What year did the Soviet Union launch Sputnik, the first artificial satellite?
2. What does the acronym NASA stand for?
3. What were the three *transit modes* considered for travel to the moon?
4. What led the NASA engineers to finally choose the LOR mode to get to the moon?
5. What were the main objectives of the Gemini program?
6. Why did astronaut Gene Cernan have so much difficulty during the spacewalk on Gemini IX?
7. What caused the deaths of astronauts Gus Grissom, Ed White, and Roger Chaffee, in 1967?
8. At the funeral, Roger Chafee's grieving father says "The price of progress comes high at times." Give a few reasons cited by the NASA managers for why the tragic Apollo 1 test failure led to success later in the Apollo program.