

# Capstone Project: Mission Proposal

## Criteria for Success

Name \_\_\_\_\_

	Expert Design	Intermediate Design	Beginner Design
<b>Mission Destination</b>	Mission destination is unique and innovative with a strong science focus. Destination shows thoughtful consideration to current and past missions.	Mission destination is a popular hotspot for scientific exploration. However, this location has already been heavily explored.	Mission destination is not necessarily of scientific interest.
<b>Phase A: Mission Science</b>	Mission has a strong science goal and a clear plan for collecting data.	Mission has a valuable science goal.	Mission's science goal is unclear.
<b>Phase B: Mission Design (Engineering)</b>	Mission has an efficient design that matches the challenges of the destination. Design provides details about how the spacecraft and its instruments will be protected from the challenges of the specific space environment of the destination.	Mission has a thoughtful design that takes into consideration the general challenges of exploring the space environment.	Mission design doesn't directly address the challenges of exploring the general space environment.



# Capstone Project: Mission Proposal

## Criteria for Success (Points)

Name \_\_\_\_\_

	Expert Design (2)	Intermediate Design (1)	Beginner Design (0)
<b>Mission Destination</b>	Mission destination is unique and innovative with a strong science focus. Destination shows thoughtful consideration to current and past missions.	Mission destination is a popular hotspot for scientific exploration. However, this location has already been heavily explored.	Mission destination is not necessarily of scientific interest.
<b>Phase A: Mission Science</b>	Mission has a strong science goal and a clear plan for collecting data.	Mission has a valuable science goal.	Mission's science goal is unclear.
<b>Phase B: Mission Design (Engineering)</b>	Mission has an efficient design that matches the challenges of the destination. Design provides details about how the spacecraft and its instruments will be protected from the challenges of the specific space environment of the destination.	Mission has a thoughtful design that takes into consideration the general challenges of exploring the space environment.	Mission design doesn't directly address the challenges of exploring the general space environment.
<b>Points</b>	<b>A = 6-5</b>	<b>B = 4-3</b>	<b>C = 2-1</b>
			<b>Resubmit = 0</b>

