Computer Science Department

Capstone Project Proposal

**Kerbal Space Program Engine Optimizer**

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Course Number and Course Title: GPH CSC 520

Project Advisor

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Descriptions and Diagrams

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**Student Objectives**

* Increase experience using Java
* Increase experience creating GUIs
* Learn how to use databases such as Amazon Webservices using \_\_\_\_\_ (MongoDB/DynamoDB, will choose before final draft)
* Experience with the complete life cycle of a project, from initial idea to problem specification, then creation and verification.
* Increase user’s(and my) enjoyment of KSP by streamlining rocket design