

## **Thermal Fluid Sciences PhD Exam:**

The exam will be offered during Winter term in late January or early February each year. It will consist of both written and oral parts. The content will include equal parts of three topic areas: fluid mechanics, heat transfer and thermodynamics. Students who enter Fall or Spring terms with the MS degree will take the exam the first Winter term they enroll. If entering with an MS in Winter term the student is to take the exam the next Winter term they enroll. Those students entering without an MS degree will take the exam in the second Winter term they enroll.

Written exam: The written portion of the exam will consist of three, two hour in classroom exams, extended over a three day period, one topic area per day. The exams will be closed book with any needed reference material provided with the exam.

Oral Exam: The oral exam will be one hour long and will be during the same week as the written exam and will cover material consistent with the written exam.

Evaluation: Students are required to achieve an average of 75% on the three exams with no exam less than 60%. Students may retake individual exams to increase their average and individual scores to passing. Retake exams will be the Spring term following the Winter term of the original exam.

Examiners: The examination committee is to be the entire TFS faculty (except those out on sabbatical or on travel during the scheduled oral exams).