**58:160 Intermediate Mechanics of Fluids**

# Instructions and Grading for CFD Lab Report

Section Points

1 **Title Page** 5

 1.1 Course Name

 1.2 Title of report

 1.3 Submitted to “Instructor’s name”

 1.4 Your name (with email address)

 1.5 Your affiliation (group, section, department)

 1.6 Date and time lab conducted

2 **Test and Simulation Design** 10

 Purpose of CFD simulation

3 **CFD Process** 20

 Describe in your own words how you implemented CFD process

 (Hint: CFD process block diagram)

4 **Data Analysis and Discussion** 45

 Answer questions given in **Exercises** of the CFD lab handouts

5 **Conclusions** 20

 Conclusions regarding achieving purpose of simulation

 Describe what you learned from CFD

 Describe the “hands-on” part

 Describe future work and any improvements

 Total 100

**Additional Instructions**:

1. Each student is required to hand in individual lab report.
2. Conventions for graphical presentation (**CFD**):

 **\*** Color print of figures recommended but not required

3. Reports will not be graded unless section 1 is included and complete

 4. CFD Process block diagram (next page)

 **CFD Process Block Diagram**

