

IPR1 – Due Friday 18 March by 1630.

Requirements:

- 30-minute appointment (anticipate this might go 30-60 minutes)
- Team leader plus any available team members.
- Appointments are in Room 441 outside of normal class time.
- Be prepared to discuss plan of action (who will do what) and any progress to date.
- No PowerPoint or any formal documents are required for submission. However, you should be prepared with planning notes, diary, etc., with tasks and assignments written down. PowerPoint, Word, or other electronic notes may be appropriate, but use is at your discretion.
- Problem 2 Only: Pyoil simulation is complete. Cadets have executed the PowerPoint Procedure for Creating a Psuedocomponent Curve in CHEMCAD for Barrow Island and for Pyoil.
- Point values can vary from values in rubric (e.g., 20/50 as opposed to 25/50)

Assessment: Assessment will be based on my impression of your knowledge of the problem and associated tasks and point values will be awarded based on the following rubric:

Level (Points)	Description
0	Knowledge of the design problem and associated assignments has not been demonstrated or is essentially nonexistent. Cadets are unprepared and group coordination is difficult to ascertain.
25	Cadets have begun to read the assignment but are vague or ambiguous about solution approaches. Work is spotty and group coordination is poor or needs improvement. No evidence of progress toward technical designs.
50	Cadets functioning well as a team; associated problems have been identified; detailed plan of attack is presented. Progress has already been made toward process designs. Problem 2 only: Pyoil TBP plot is complete and adequately models provided TBP data.