

Module 2.1 – Instructor Guide

No materials or other requirements are needed for this module.

The PowerPoint slides provide a basis for a 10-15 minute introductory/overview lecture followed by 10-15 minutes of in-class problem solving/example problems to apply the concepts from the overview. Homework problems provide exercises for students to work either in-class or at home. The PowerPoint slides (overview lecture and in-class example problems) should cover the 20-25 minutes with the homework problems reinforcing and expanding on the material. The PowerPoint slides are in a very basic format to simplify customization to a desired background.

It is suggested to have the students work the homework problems on their own and then present solutions during class with a discussion period for each problem. The homework problems can be extended to increase difficulty or this can be used to help facilitate discussion during the in-class discussion of the problems.

Module 2.1 – Common Pitfalls for Instructors and Students

Instructors:

- None

Students:

- Sometimes both data and task parallelism are needed to efficiently parallelize a problem.