

ISTE-600-02-2201 Analytical Thinking
Final Exam Outline

Final Exam is a **closed book** exam.

You may use one crib sheet for the final exam,
and must scan and send.

- Textbook (2nd ed. Tan, et al.),
- Lecture Notes,
- Video Lectures,
- Labs,
- Weka,
- Discussion Questions
- Final Exam Review (a list of lecture topics by week) available in Week 14 folder

Crib sheet requirements:

- One sheet of 8 ½" by 11" paper
- Hand-written on front and/or back
- No attachments
- No photo copies
- Your name must be *prominently* displayed
- Submit with your exam

Tentative Final Exam Outlines:

- Part I (35 points, 1 point each): Multiple choice, SA (short answer), FiB (Fill in the Blank) questions covering the entire course materials
- Part II (14 points): Classification Test Options
- Part III (21 points): Association Rule Mining
 - Part III.1 (w/o Weka): Given a set of market basket transactions, answer questions
 - Part III.2 (w/ Weka): In Weka Explorer, run Apriori on a dataset & answer questions
- Part IV (20 points): Cluster analysis questions on Partitional & Hierarchical Analyses w/o Weka
- Part V (10 points): Outliers
- Parts II-IV
 - Work on papers and Scan/send them along with a Crib Sheet, or
 - Write on MyCourses Quiz.