

IET2305 Role of IETs in Industrial Systems

Course Schedule Summer 2014 - Professor Gregory Wiles

All **Module Assignments** must be completed and submitted no later than 10:00 AM on the Due Date listed below. The **Optional Final Exam** will be available online beginning at 9:00 AM on the date indicated below. All students are expected to attend all class sessions beginning with the first class session and continuing all the way through Final Exam Week. The Textbook includes some, but not all, of the material reviewed in each of the Learning Modules below.

Module	Begin Date	Due Date	Assignment & Topic	Textbook
1	May 20 Tues	May 27 Tues	Module 1: Introduction to IE and IET, Product versus Process Engineering Module 2: Complete Fabrication versus Final Assembly Only	Chapters 1, 3 Chapter 3
2				
3	May 27 Tues	June 03 Tues	Module 3: Basic Statistics Module 4: Quality History, Acceptance Sampling Plans	Appendix A Chapter 8
4				
5	June 03 Tues	June 10 Tues	Module 5: Quality Systems, Quality Control Charts Module 6: Human Factors Engineering	Chapter 8 Chapter 11
6				
7	June 10 Tues	June 17 Tues	Module 7: Work Analysis and Work Measurement Module 8: Organizational Models and Management Controls	Chapter 6 Chapter 19
8				
9	June 17 Tues	June 24 Tues	Module 9: Inventory Management, Kanbans, JIT Module 10: Material Handling and Distribution	Chapter 7 Chapter 5
10				
11	June 24 Tues	July 01 Tues	Module 11: Facility Location and Design Module 12: Total Product Costs	Chapter 4 Chapter 13
12				
13	July 01 Tues	July 08 Tues	Module 13: Financial Statements Module 14: Engineering Economy	Chapter 13 Chapter 13
14				
15	July 08 Tues		Module 15: Course Review Optional Final Exam (opens after class today)	