



SYS 5013 Systems Engineering Analysis I Course Schedule

Note: Review syllabus in Moodle course for details on the late policy for this course.

Week 1: 8/19 – 8/25

-
- Due Wednesday 11:59 PM EST ○ Discussion Forum 1, Initial Responses
 - Due Sunday by 11:59 PM EST ○ Discussion Forum 1, Peer Responses
 - Infographic Assignment: the roles and responsibilities in the Systems Engineering lifecycle

Week 2: 8/26 - 9/1

-
- Due Wednesday 11:59 PM EST ○ Discussion Forum 2, Initial Responses
 - Due Sunday by 11:59 PM EST ○ Modeling Exercise
 - H5P: Systems Engineering basics crossword puzzle ○ Discussion Forum 2, Peer Responses

Week 3: 9/2 – 9/8

-
- Due Wednesday 11:59 PM EST ○ Discussion Forum 3, Initial Responses
 - Due Sunday by 11:59 PM EST ○ Information Gathering Exercise
 - Teach back: effective Data Gathering in the Systems Engineering lifecycle ○ Discussion Forum 3, Peer Responses

Week 4: 9/9 – 9/15

-
- Due Wednesday 11:59 PM EST ○ Discussion Forum 4, Initial Responses

- Due Sunday by 11:59 PM EST ○ Agile Modeling Exercise ○ DFD Exercise
 - Point/Counterpoint podcast: using Agile vs. Traditional methods of PM/SE ○ Discussion Forum 4, Peer Responses

Week 5: 9/16 - 9/22

- Due Wednesday 11:59 PM EST
 - Discussion Forum 5, Initial Responses
- Due Sunday by 11:59 PM EST ○ Data Dictionary Exercise ○ Infographic: Data Dictionaries ○ Discussion Forum 5, Peer Responses

Week 6: 9/23 – 9/29

- Due Wednesday 11:59 PM EST ○ Discussion Forum 6, Initial Responses
- Due Sunday by 11:59 PM EST ○ UML Exercise ○ Case Study with SDLC ○ Discussion Forum 6, Peer Responses

Week 7: 9/30 – 10/6

- Due Wednesday at 11:59 PM EST ○ Discussion Forum 7, Initial Responses
- Due Sunday by 11:59 PM EST ○ Input Design Exercises ○ Database Design Exercise ○ Discussion Forum 7, Peer Responses

Week 8: Work due by Saturday at 11:59 PM EST

- Due Wednesday 11:59 PM EST ○ Discussion Forum 8, Initial Responses
- Due Saturday by 11:59 PM EST ○ Design Exercise ○ Data Entry Procedure Exercise
 - Final Exam
 - Discussion Forum 8, Peer Responses

