

Notional Schedule – Day 1

ACTIVITY	PURPOSE/DESCRIPTION	TIMING
CLASS MEETING: COURSE KICK OFF & DAY 1 INTRODUCTION	Roll call, T4E orientation, instructor/student introduction, course overview, & Day 1 Assignment Introduction; DAU.edu Tools Orientation	0800 - 1015
BREAK		1015 - 1025
ASSIGNMENT 1.1 ENGINE IPT FORMATION	Construct an Integrated Product IPT (IPT); balancing personnel availability & experience / expertise	1025 - 1130
LUNCH		1130 - 1230
ASSIGNMENT 1.2 IPT CHARTER DEVELOPMENT	Prepare a team charter, describing the key aspects of the team & developing useful team processes	1230 - 1400
ASSIGNMENT 1.3 TECHNOLOGY READINESS	Determine the technological maturity for each of the engine candidates using engine manufacturer & market research data	1400 - 1600
DAY 2 PRE-WORK	Individually review Day 2 Handouts & Artifacts / Complete Day 1 Reflections & Review Quiz	

Notional Schedule – Day 2

ACTIVITY	PURPOSE/DESCRIPTION	TIMING
CLASS MEETING: DAY 1 DEBRIEF	Roll call, Presentation of Day 1 Assignment deliverables with discussion & guidance on appropriate solutions	0800 - 0915
BREAK		0915 - 0925
DAY 2 INTRODUCTION	Introduce Day 2 Assignments	0925 - 0955
ASSIGNMENT 2.1 ENGINE EVALUATIONS PART 1	Select criteria to evaluate the engine alternatives. Use the selected criteria & prioritization matrix tool to rank the engines	0955 - 1200
LUNCH		1200 - 1300
ASSIGNMENT 2.2 ENGINE EVALUATIONS, PART 2	Re-analyze all data & use decision making skills to make an informed recommendation on the best engine	1300 - 1415
ASSIGNMENT 2.3 SCHEDULE ANALYSIS	Analyze a schedule to look for errors, discrepancies, & inconsistencies that cause problems or risks	1415 – 1600
DAY 3 PRE-WORK	Individually review Day 3 Handouts & Artifacts / Complete Day 2 Reflections & Review Quiz	

Notional Schedule – Day 3

ACTIVITY	PURPOSE/DESCRIPTION	TIMING
CLASS MEETING: DAY 2 DEBRIEF	Roll call, Presentation of Day 2 Assignment deliverables with discussion & guidance on appropriate solutions	0800 - 0900
BREAK		0900 - 0910
DAY 3 INTRODUCTION	Introduce Day 3 Assignments	0910 - 0940
ASSIGNMENT 3.1 RISK & OPPORTUNITY MANAGEMENT	Use analytical skills to identify potential future problems & opportunities; & evaluate risk management tools	0940 - 1130
LUNCH		1130 - 1230
ASSIGNMENT 3.2 COST ESTIMATING	Develop a Subcontractor's detailed cost estimate to support their bid to the truck prime contractor for the upcoming Low Rate Initial Production (LRIP) contract	1230 - 1400
ASSIGNMENT 3.3 PROBLEM SOLVING, PART 1	Use problem solving tools to analyze a team issue & prepare an information issue paper documenting their analysis & potential courses of action	1400 - 1600
DAY 4 PRE-WORK	Individually review Day 4 Handouts & Artifacts / Complete Day 3 Reflections & Review Quiz / Study for Exam	

Notional Schedule – Day 4

ACTIVITY	PURPOSE/DESCRIPTION	TIMING
CLASS MEETING: DAY 3 DEBRIEF	Roll Call, Presentation of Day 3 Assignment deliverables with discussion & guidance on appropriate solutions	0800 - 0930
BREAK		0930 - 0940
DAY 4 INTRODUCTION	Introduce Day 4 Assignment	0940 - 1000
ASSIGNMENT 4.1 PROBLEM SOLVING, PART 2	Use problem solving tools to develop a decision briefing documenting the team's recommended course of action to potentially resolve their issue. DAU.edu Tools Orientation	1000 - 1130
LUNCH		1130 - 1230
CLASS MEETING: DAY 4 DEBRIEF	Roll Call, Presentation of Day 4 Assignment deliverables with discussion & guidance on appropriate solutions; Final Exam Administration	1230 - 1400
FINAL EXAM	Students individually complete final exam in T4E (MS Forms)	1400 - 1530