

Course Calendar:

Module	Assignments	Due	Points
Module 1	Discussion: Self Introductions	Week 1	25
	Discussion: Key Fundamental Definitions – Validation v/s Verification	Week 1	5
	Activity: Literature Review and Bibliography	Week 2	5+
	Assignment: Course Components Interaction Diagram	Week 2	25
	Assignment: Research SE Article - Library Resources	Week 2	5
	Assessment: Module 1 Quiz	Week 2	50
	Module 1 Activity: Upload Selected Systems Con Ops	Week 3	10+
Module 2	Discussion: Analyze System Requirements	Week 3	25
	Activity: Review Checklists, Defect Log, and IVVT Template	Week 3	
	Group Assignment: System Requirements Verification Matrix (RVM)	Week 4	35
	Assignment: Case Study 1	Week 4	35
	Assessment: Module 2 Quiz	Week 4	30
Module 3	Assignment: Team Communication and Infrastructure	Week 5	25
	Group Discussion: System Cost Benefit Analysis (CBA)	Week 5	25
	Activity: Peer Review of CBA	Week 6	
	Group Assignment: Requirements Bidirectional Traceability Matrix	Week 6	35
	Student Lecture Group 1&2 : Selected Chapter 4 Concepts	Week 6	100
Module 4	Activity: Update IVV Plan	Week 8	50
	Assignment: Subsystem / Components Test Documents	Week 7	35
	Assignment: Validation Criteria/Document for Acceptance	Week 8	35
	Assignment: Case Study 2	Week 8	35

	Student Lecture Group 3&4: Selected Chapter 5 Concepts	Week 9	100*
	Assessment: Module 4 Quiz	Week 8	20
	Discussion: Peer Review of Test Document	Week 8	25
Module 5	Activity: Risk and Cost Analysis for Integration Test Selection	Week 9	10+
	Student Lecture Group 5&6: Selected Chapter 5 Concepts	Week 10	100*
	Discussion: Peer Review of BIT Systems	Week 10	25
	Assessment: Module 5 Quiz	Week 10	35
Module 6	Discussion: Peer Review of Qualification IVVT Activities – Extra Credit	Week 12	25+
	Student Lecture Group 7: Selected Chapter 3 Concepts	Week 12	100*
	Assignment: Upload Project Pre-Final IVVT Plan	Week 11	50
	Discussion: Peer Review of Pre-Final IVVT Plan	Week 11	30
Module 7	Assignment: Final Presentation of Course Project	Week 13	100
	Assignment: Upload Final Report of Course Project	Week 13	100
	Discussion: Self Reflection	Week 14	40
	Course Defect Log	Week 14	20+
TOTAL			1000