



Strategic Project Management

Unit 2

Course Layout and Overview

- Seven units
 - Unit One: What is Project Management
 - **Unit Two: The Project Lifecycle**
 - Unit Three: Initiating Projects
 - Unit Four: Planning Projects
 - Unit Five: Executing Projects
 - Unit Six: Monitoring and Controlling Projects
 - Unit Seven: Closing Projects



Unit 2 Learning Outcomes



Differentiate

differentiate the work completed during each phase of a project

Apply

apply appropriate project management techniques to each project phase

Demonstrate

demonstrate the proper use of project management documents throughout the project management lifecycle

Why Are Learning Outcomes Important?

- Every learning outcome ties back to course materials and content.
- Assessments are tied to each learning outcome.
- Test Preparation



Unit Two Overview Topics



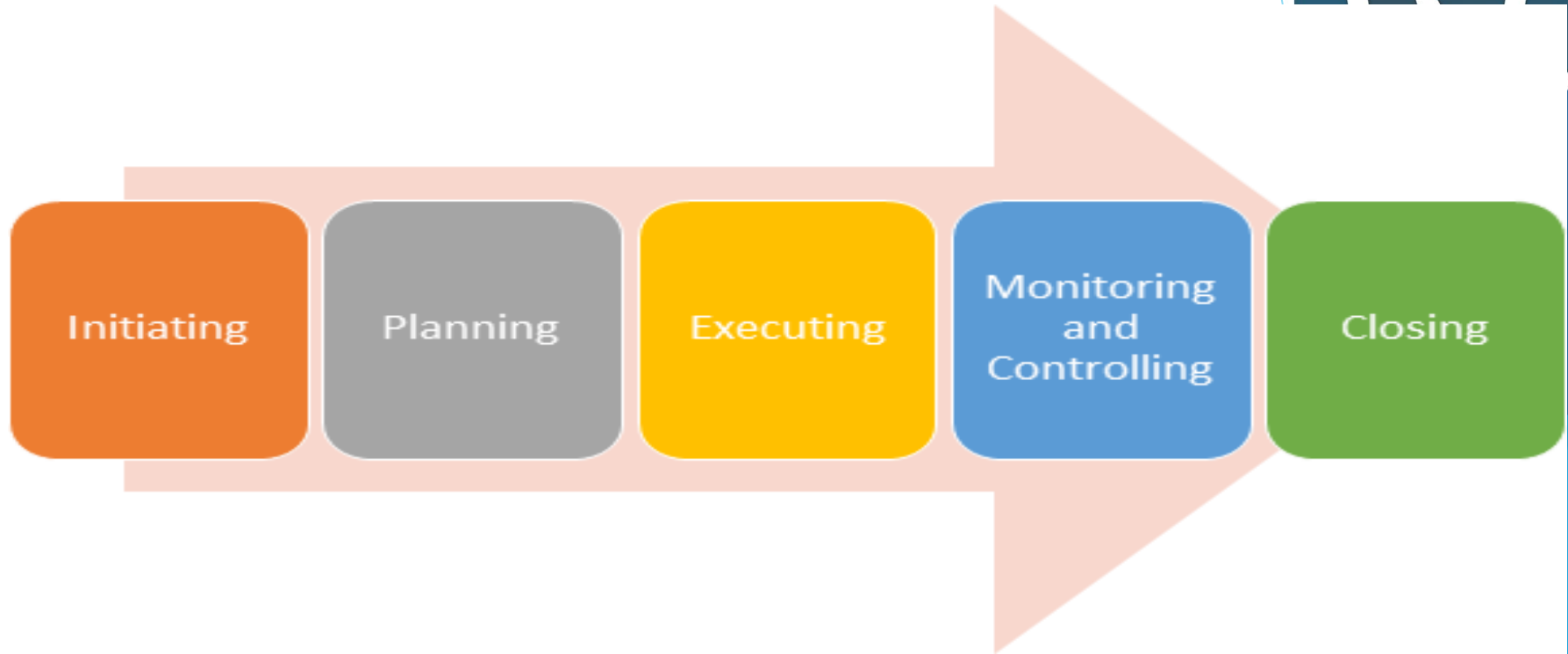
- Definitions
- Objective a:
 - Define the work completed during each phase of the project lifecycle.
 - What are the goals of the project team?
- Objective b:
 - Can you identify several project management techniques used during each phase of the project?
 - How or when can project phases overlap?
 - What is the significant work effort in each project phase?
 - Relate the triple constraint to each phase of the project.
- Objective c:
 - What are the document outputs for each phase of the project?
 - How do these documents help guide the team through project execution

Project Management Definitions

- Business case
- Project charter
- Project initiation
- Responsibility assignment matrix
- Scope creep
- Scope of work
- Work breakdown structure



Project Life Cycle



Initiating

What happens

- Decision made that the project will benefit the organization
- Define needs and characteristics of the project
- Project sponsor talks to project manager and key stakeholders
- Gather data
- Use financial tools such as net present value or weighted decision matrix to justify project

What is produced

- Project Charter
- Business case
- Scope statement



Planning

What happens

- Project manager works on
 - Scope
 - Schedule
 - Budget
- Build project team
- Find someone to do the work
- Preliminary look at risks
- Identify stakeholders

What is produced

- Project Charter - refine
- Project management plans
 - Schedule
 - costs
- Work breakdown structure
- Responsibility matrix
- Gantt Chart



Executing

What happens

- Work of project begins
 - Project execution can begin before project plans are complete
- Team works through project tasks

What is produced/used

- Project plans
- Change control board
 - Manage project scope
 - Triple Constraint
 - Costs
 - Schedule
 - Scope



Monitoring and Controlling - coincides with project execution

What happens

- Coincides with project execution
- Analyze status of project execution
- Report status to stakeholders and team
- Updating project software
- Taking corrective action

What is produced/used

- Project management software
- Project status reports
- Communications plan
- Risk plans
- Quality plans
- Procurement plans



Closing

What happens

- Work of project is complete
- Final approval
- Close out vendor contracts
- Capture lessons learned
- Celebrating success
- Disassembling team

What is produced/used

- Project Audits
- Procurements closed
- Project documentation archived

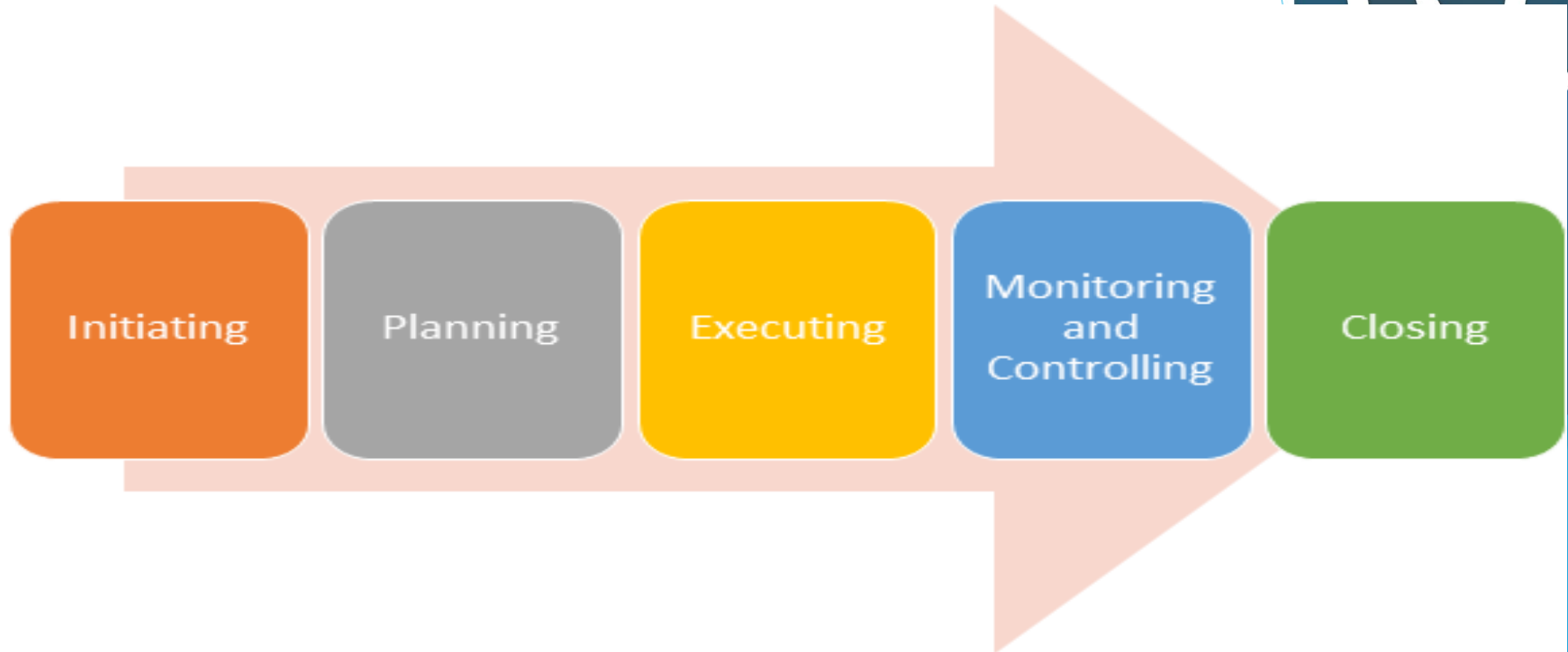


Simple Gantt Chart

	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6
Initiating						
Planning						
Executing						
Controlling and monitoring						
Closing						



Project Life Cycle – 5 phases



Conclusion - Unit 2

- Learning objectives:
 - differentiate the work completed during each phase of a project
 - apply appropriate project management techniques to each project phase
 - demonstrate the proper use of project management documents throughout the project management life cycle



What's next?

