Strategic Project Management
Unit 5

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 5 Learning Outcomes

CHARACTERIZE EFFECTIVE PROJECT MANAGEMENT TEAMS IN AN ORGANIZATION

EXAMINE TEAM MANAGEMENT TECHNIQUES AND PRACTICES IN A PROJECT CONTEXT

APPLY APPROPRIATE CHANGE CONTROL PROCESSES TO MANAGE THE PROJECT'S TRIPLE CONSTRAINT

DEMONSTRATE GOOD INTERPERSONAL SKILLS NEEDED FOR THE SUCCESSFUL MANAGEMENT OF STAKEHOLDERS, SPONSORS, TEAM MEMBERS, VENDORS, SUPPLIERS, AND OTHERS INTERESTED IN THE PROJECT

DETERMINE APPROPRIATE CORRECTION ACTIONS TO TAKE WHEN PROJECT RISK IS REALIZED

IDENTIFY APPROPRIATE TECHNIQUES FOR QUALITY ANALYSIS GIVEN A SCENARIO

COMPARE THE IMPACT OF RISK ON THE PROJECT'S SCOPE, SCHEDULE, OR BUDGET

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 Five Overview Topics

- Definitions
- Project management teams
- Team management
- Change control
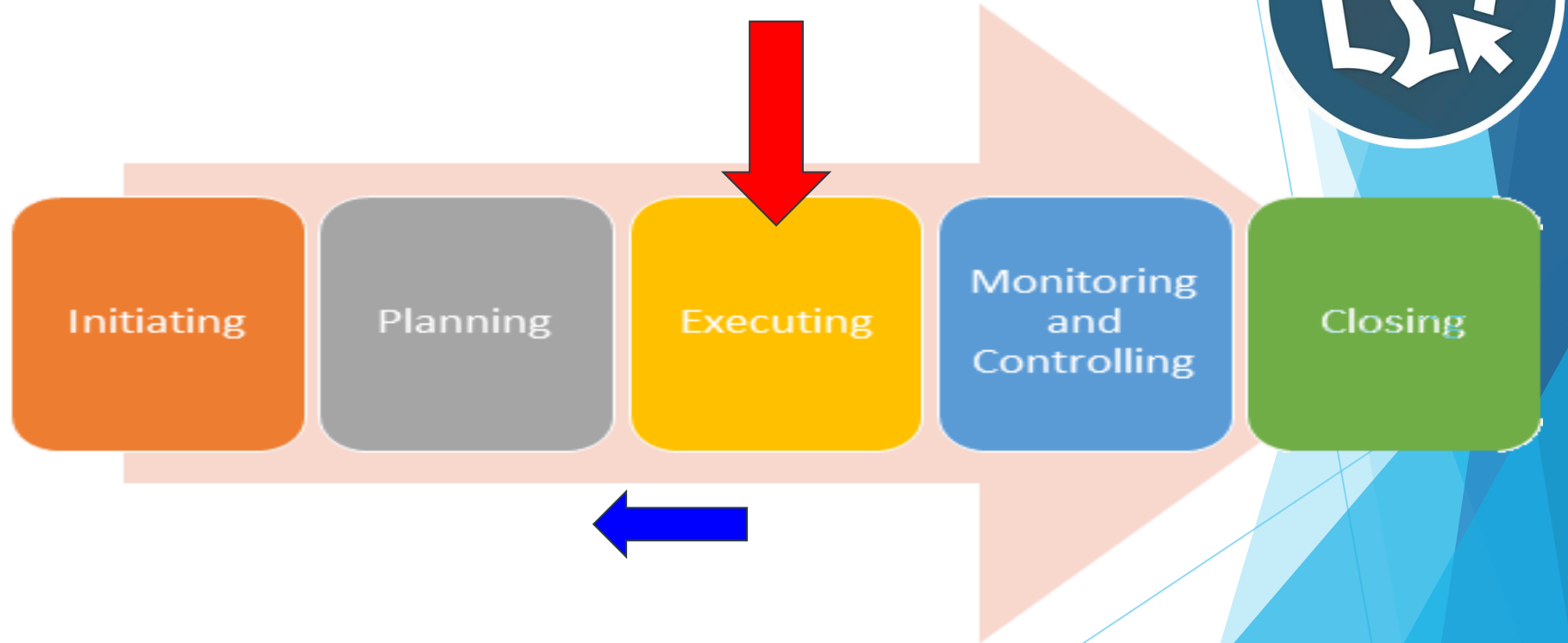- Managing Stakeholders
- Project risk
- Quality analysis

Project Management Definitions

- Contingency plan
- Management
- Mitigation plan
- Persuasion

- Quality assurance
- Quality control
- Risk impact

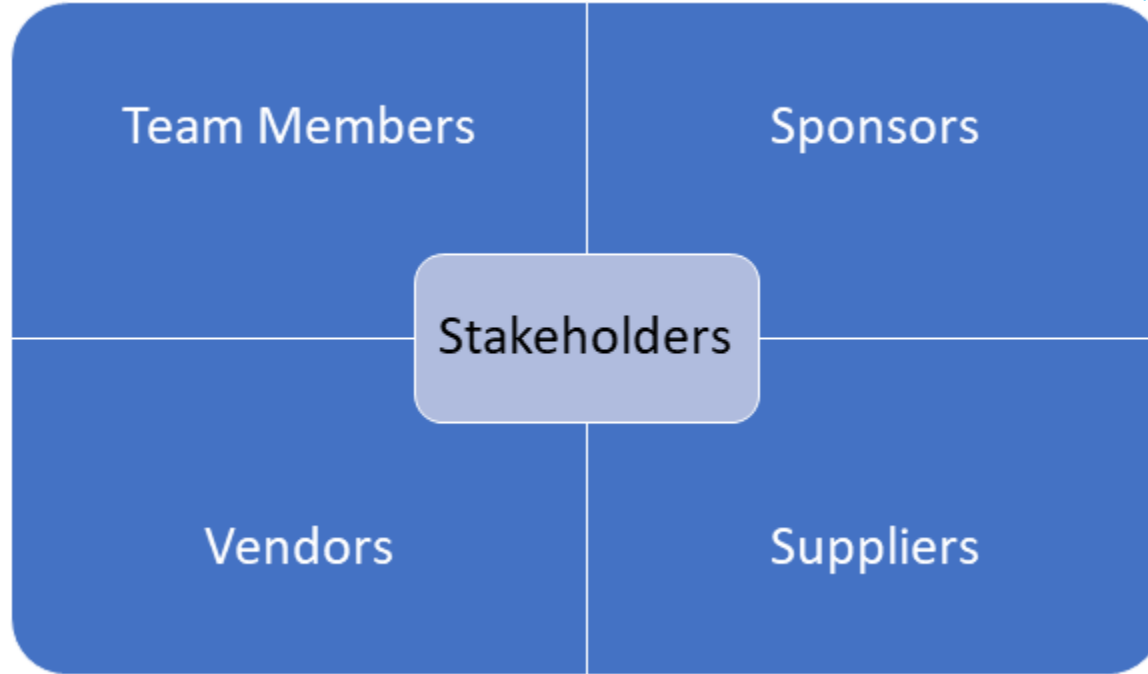# Project Life Cycle

Effective Project Management Teams

Project Management Teams

- Required skills
- Set clear goals
- Accountability
- Build tust

Who are the Stakeholders?

Team Management

- ## Interpersonal skills
  - **Persuasion** - the ability to sell yourself and your ideas.
  - **Thinking on your feet** - the ability to speak well when under pressure.
  - **Recognize organizational politics** - understanding the political climate in your workplace and using your advantage and the advantage of others without causing harm.
  - **Building teams** - the ability to build strong relationships within the members of the team to accomplish the project goals.
  - **Manage conflict** - the ability to implement conflict resolution techniques within teams to the benefit of all parties.
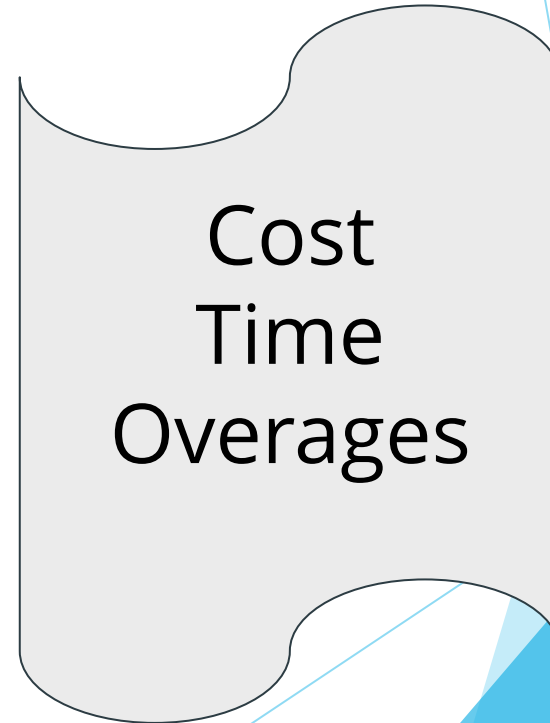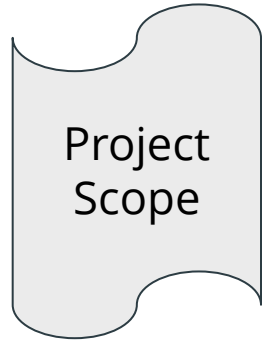
Change Control - Scope Document
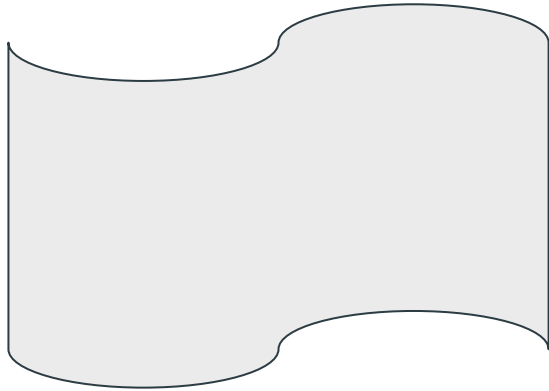
Becomes

Change Control - Scope Creep

Project Scope

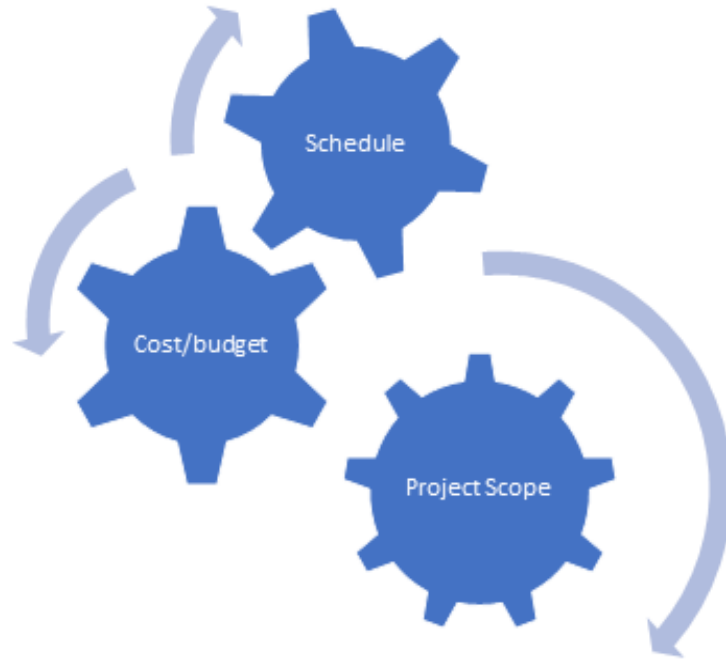Additions to Scope
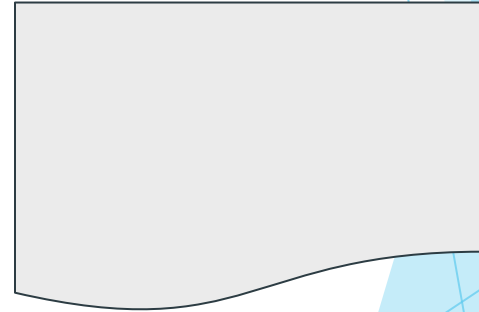
Cost
Time
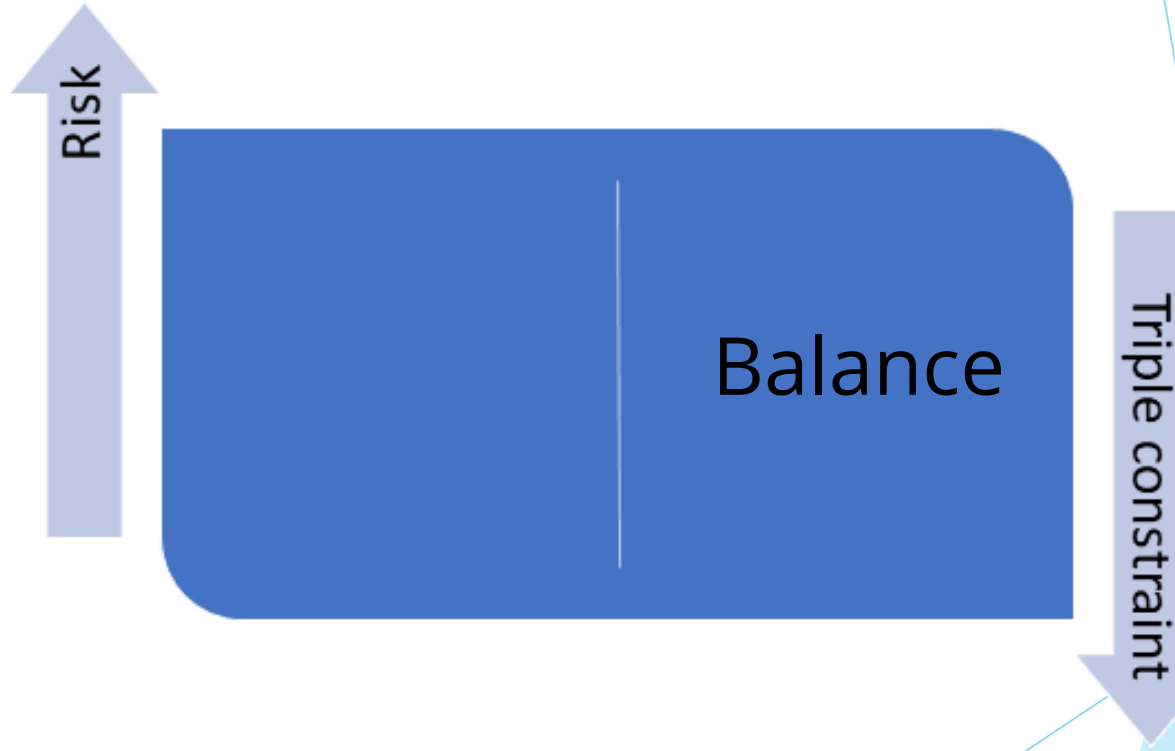Overages

Change Control - Documentation

- Formal Process
  - Evaluate each change that is submitted
    - Does it make the project significantly better
    - What is the offset in cost and time
  - Use to request additional money or time to complete the project

Impact of Risk on Scope, Schedule, or Budget
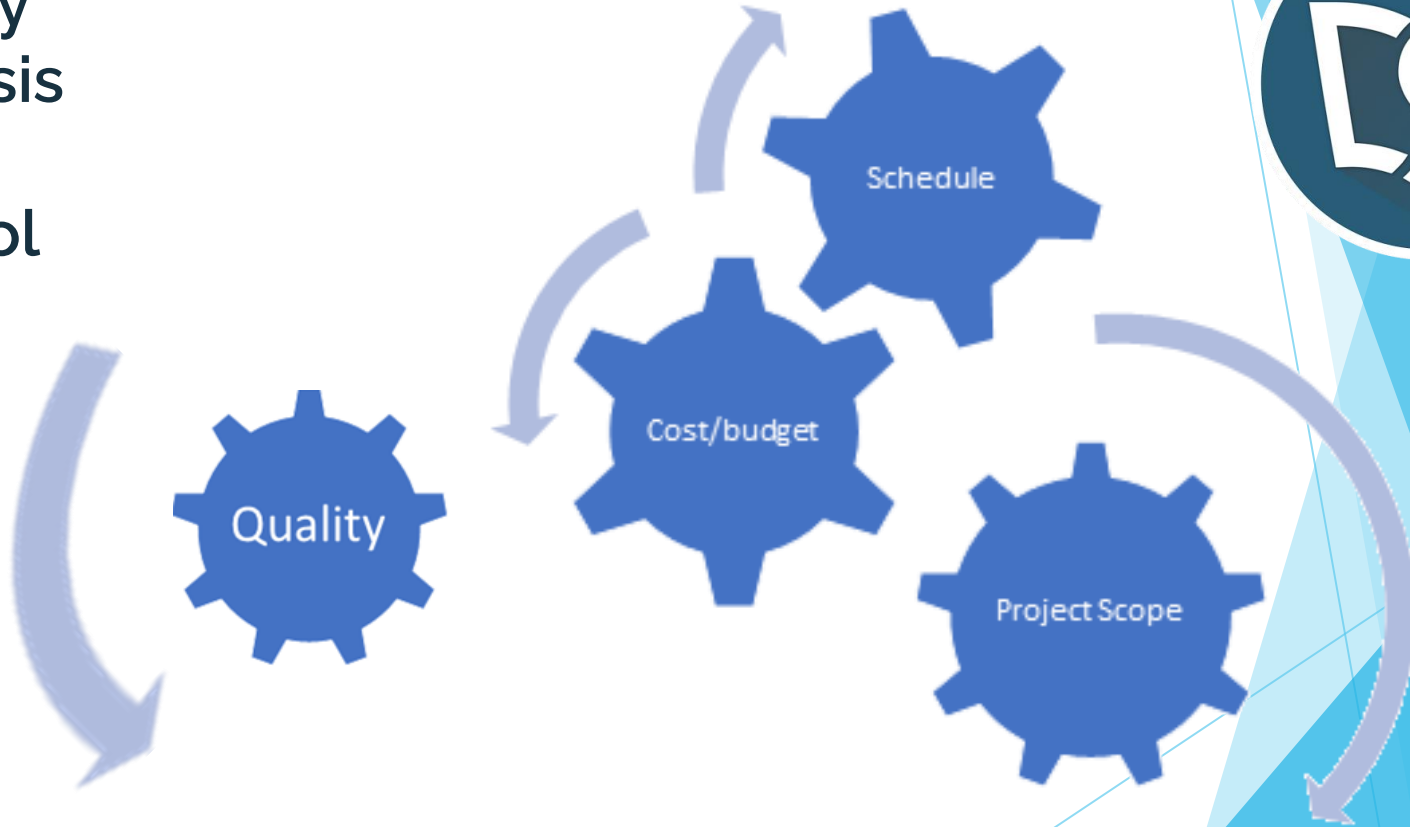
Impact of Risk - Balanced

Managing Project Risk

- Risk mitigation plan
- Risk contingency plan
- Risk assessment chart
- Risk register

Quality Analysis and Control

Quality Analysis and Control

- **Checklists** - a checklist or a list to tally issues.
- **Histograms** - provides a graphical representation of frequency distribution.
- **Run charts** - a line over graphed data that demonstrates changes in a process over time.
- **Control charts** - a run chart with limits.
- **Pareto charts** - a bar chart of frequencies which shows the largest to smallest.

Conclusion - Unit 5

- Learning objectives:
  - characterize effective project management teams in an organization
  - examine team management techniques and practices in a project context
  - apply appropriate change control processes to manage the project's triple constraint
  - demonstrate good interpersonal skills needed for the successful management of stakeholders, sponsors, team members, vendors, suppliers, and others interested in the project
  - determine appropriate correction actions to take when project risk is realized
  - identify appropriate techniques for quality analysis given a scenario
  - compare the impact of risk on the project's scope, schedule, or budget

What's next?