What Will You Learn
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1. How To Plan Projects
2. How To Make A Time Schedule
3. How To Allocate Resources
   (Time, Money, People, others)
4. How To Monitor Progress
5. How To Manage And Control The Project
6. How to plan and schedule Linear projects
Packers Play Book
Four Project Goals

Projects Should Be Completed:

1. On Schedule
2. Within Budget
3. Of Acceptable Quality
4. With Zero Accident
Planning and Control

Why We Need a Plan

1. To establish time frame and organize construction activities
2. To provide a communication tool between all parties involved (contractors, subs, A/E, owner)
3. Used as a document for future projects
4. Can refer to for modifications
5. To show the impact of productivity-related problems on project completion.
General Project Management Functions

Plan → Schedule → Allocate → Work → Monitor → Record

What is to be done? How and in what order?
When will plan and resources be committed?
Action to commit resources
Work effort consuming resources
What is being done by whom?
What has been done?
Project Definition

Project Management Requires:

1. Set project objectives or goals in terms of:
   a. Time
   b. Cost
   c. Logic

2. Produce alternative schedules, and associated time and cost.

3. Select the best schedule.
4. Optimize resource allocation for the schedule.
5. Implement the project plan.
6. Monitor progress
   Plan, Compare, and Modify