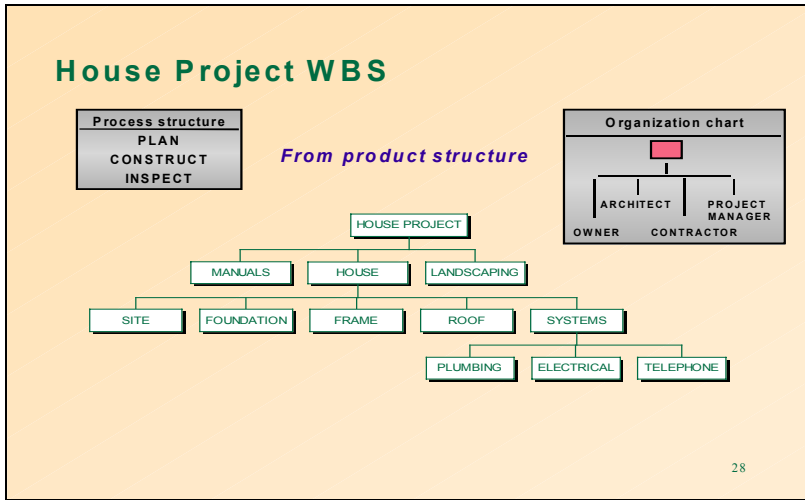


Module	6	Unit	6
PREPARING WORK BREAKDOWN STRUCTURE, RESPONSIBILITY MATRIX, AND MASTER SCHEDULE			
Overview			

	Module Overview
	<p>This module introduces the basic concepts of baseline planning including:</p> <ul style="list-style-type: none"> <input type="checkbox"/> Work Breakdown Structure (WBS) development <input type="checkbox"/> Responsibility Matrix (RM) development <input type="checkbox"/> Master Schedule development <p>Additionally, the participant will practice development of the WBS, RM, and Master Schedule.</p>
	Learning Goals – At The End Of This Module, You Will Be Able To
	<ul style="list-style-type: none"> <input type="checkbox"/> Describe the process to develop a Work Breakdown Structure, Responsibility Matrix, and a Master Schedule.. <input type="checkbox"/> Develop a WBS, RM, and Master Schedule.
	Module Time 16 Hours and linked to participants own projects

Course Description

Participants' Notes



Here is how we've modified the WBS-in-progress:

(1) We've explicitly added under the house deliverable:



- Plan* from the process structure
- Project management* from the organization structure.

(2) We did not add *Inspection* from the process structure to the WBS.

Here is our logic for these decisions:

The WBS must account for all the work on the project (or, in this case, the deliverable, house). Work will be expended to create a plan for the house, to manage the house deliverable, and to inspect each component of the house. Therefore each of these types of work needs to be accounted for in some way on the WBS, either as (1) a separate entry on the WBS or (2) as an activity subsumed within a work element or work package (and consequently not explicitly shown on the WBS).

EXERCISE

2-1	DEVELOP A WORK BREAKDOWN STRUCTURE	
		Page 1
	Exercise Instructions	
Purpose:	The purpose of this exercise is to provide the participant with the opportunity to practice developing a work breakdown structure.	
Inputs:	<input type="checkbox"/> Notes referencing WBS. <input type="checkbox"/> Participant knowledge of current project being managed.	
Directions	<ol style="list-style-type: none"> 1. Form teams based on instructions from instructor. 2. Elect a project manager. 3. Select a project that is currently being managed by one of the team members. 4. Develop a WBS to the 2nd level for the entire project. 5. Develop the WBS to the lowest level for one branch. 6. Project Manager to present WBS to class for review. 	
	20 minutes	
Deliverables	Documented WBS.	

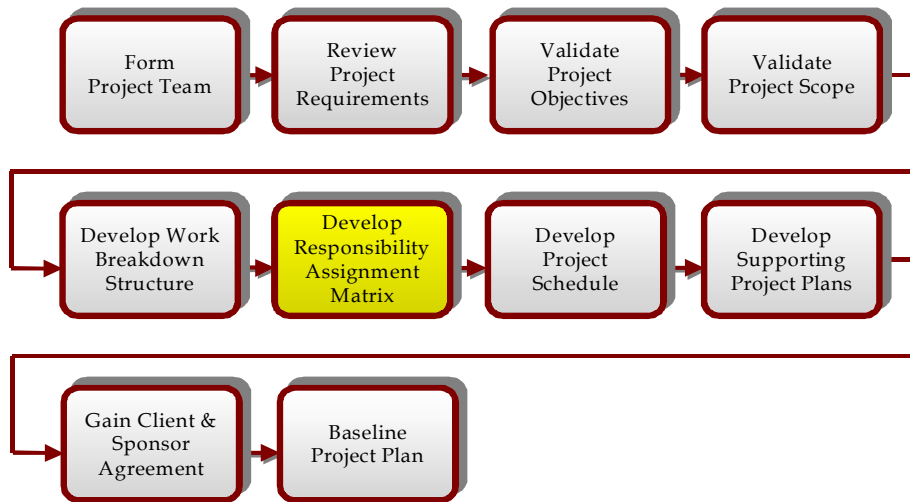
EXAMPLE

2-3

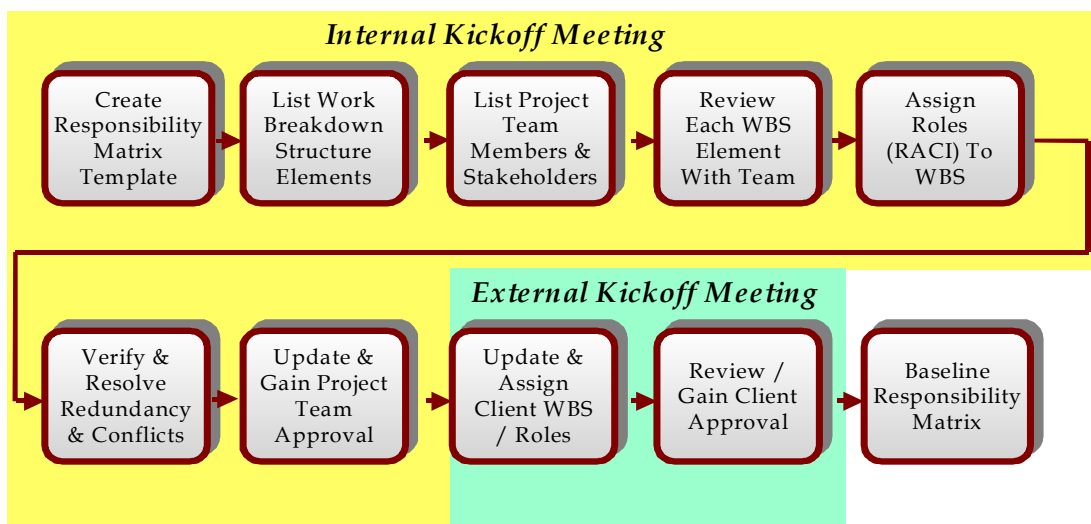
TYPICAL PROCESS STEPS IN DEVELOPING A RESPONSIBILITY MATRIX

Page 1

Where RM Development Fits in Planning Process



Responsibility Matrix Development Process



EXAMPLE

2-4	MEETING ROLES FOR FACILITATOR AND TEAM LEADER
	Page 1

MEETING ROLES

Facilitator:

The Facilitator may be external to the project team or a member of the team who agrees to facilitate the meeting to ensure that the purpose and “end in mind” for the meeting are accomplished. The Facilitator functions as an objective participant rather than a participating team member. Major roles include:

- Ensures that participants stay on target and the discussion is related to the purpose of the meeting.
- Ensures that the “end in mind” for agenda items and meeting are being met.
- Asks questions which require closure to get consensus.
- Documents action items, identifies responsibility and closure date for each.
- Documents items for “parking lot” resolution.
- At the end of the meeting, reviews action items and parking lot issues for commitment to resolution by team members.

Team Leader:

The Team Leader (Project Manager) leads the meeting with support from the Facilitator and the Time Keeper.

- Follows-up with team members to obtain action item / parking lot status for review at the next meeting.



Note Keeper and Time Keeper:

The Note Taker and Time Keeper documents the meeting and ensures that presenters and attendees adhere to the time allotments for discussion and presentations.



- Takes notes and gives presenters advance notice of remaining time, so that they can negotiate additional time from other presenters if possible.
- Distributes meeting notes with action and parking lot items within 48 hours of meeting.

Note: While the guidelines here are ideal and preferred for all meetings, in the real world this concept can only be used with facilitation for very important meetings (such as planning, strategy, etc.) due to the additional costs of the facilitator unless the facilitator is a team member who volunteers for the role.

EXERCISE

2-5	CREATE A RESPONSIBILITY MATRIX FOR YOUR CURRENT PROJECT	
		Page 1
	Exercise Instructions	
Purpose:	The purpose of this exercise is to provide participants practice with the development of the Responsibility Matrix using familiar data from their own projects.	
Inputs:	<input type="checkbox"/> Notes from Responsibility Matrix lecture. <input type="checkbox"/> Participant knowledge of current or previous projects. <input type="checkbox"/> Work Breakdown Structure from previous exercise.	
Directions	<p>In your formed teams, develop a Responsibility Matrix for roles and responsibilities clarifications for the WBS prepared in previous exercise.</p> <ol style="list-style-type: none"> 1. Elect a different project manager. 2. Develop the WBS portion of the RM from the previous exercise. 3. Think about all the key stakeholders affecting these deliverables. 4. Agree on the stakeholder groups accountable for each deliverable. 5. Construct the complete Responsibility Matrix. 6. Prepare a presentation for the class using the tools of your choice. 	
	20 minutes	
Deliverables	Presentation of Responsibility Matrix.	

EXERCISE

2-6	CREATE A MASTER SUMMARY SCHEDULE	
		Page 1
	Exercise Instructions	
Purpose:	The purpose of this exercise is to provide participants practice with the development of the Master Summary Schedule using familiar data from their own projects.	
Inputs:	<input type="checkbox"/> Notes from Master Summary Schedule lecture. <input type="checkbox"/> Participant knowledge of current or previous projects. <input type="checkbox"/> Work Breakdown Structure from previous exercise.	
Directions	In your formed teams, develop a Master Summary Schedule using the WBS prepared in previous exercise. <ol style="list-style-type: none"> 1. Elect a different project manager. 2. Develop the MSS. 3. Think about all the key stakeholders affecting these deliverables. 4. Prepare a presentation for the class using the tools of your choice. 	
	20 minutes	
Deliverables	Presentation of Master Summary Schedule.	