

Component 8 Installation and Maintenance of Health IT Systems

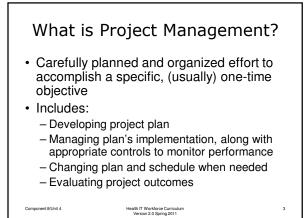
Unit 4 Structured Systems Analysis and Design

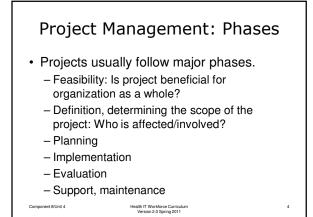
What We'll Cover

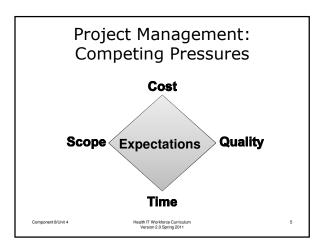
- What is project management?Role of the project manager
- What is a project plan?
- Before you begin: factor analysis
- 8 steps of a project plan
- 6 steps to an EHR plan

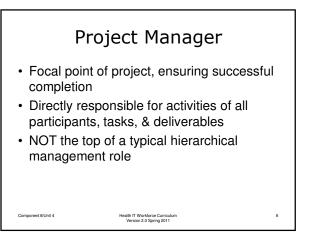
Component 8/Unit 4

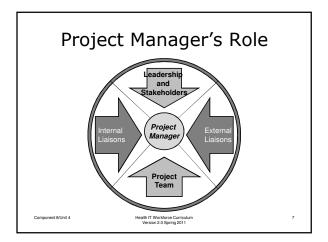
Health IT Workforce Curriculum Version 2.0 Spring 2011













What is a Project Plan?

- Formally accepted blueprint charting entire project start to finish
- · Detailed vs. summarized, as needed
- Balances all components: scope, time, cost, quality, & outcome expectations
- Anticipates & plans for potential negatively-impacting issues

Health IT Workforce Curriculum Version 2.0 Spring 2011

Project Plan: Typical Contents

- · Applicable agreements
- Purpose

Component 8/Unit 4

- Business/project goals & objectives
- Scope & expectations
- · Roles & responsibilities
- · Assumptions & constraints
- · Quality management approach
- Project management approach
- Ground rules

ent 8/Unit 4

Health IT Workforce Curriculum Version 2.0 Spring 2011

Factor Analysis

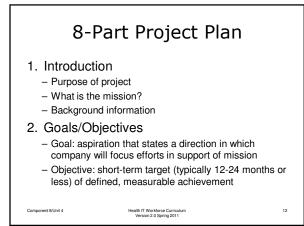
In "Creating a Project Plan", Joe Launi outlines the technique of factor analysis:

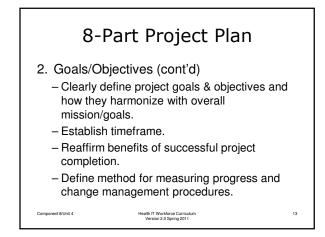
- Consider before you finalize your project plan.
- Disciplined technique for investigating, analyzing, & understanding a project prior to making any formal commitments

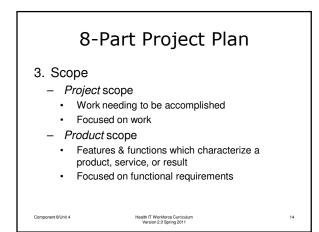
Health IT Workforce Curriculum Version 2.0 Spring 2011

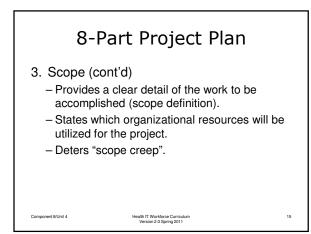
ent 8/Unit 4

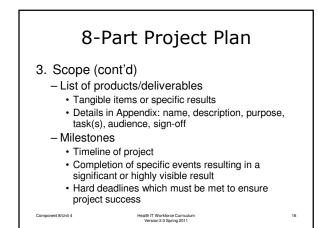
<section-header><section-header><list-item><list-item><list-item><list-item><list-item><list-item><list-item><list-item><list-item><list-item><list-item><list-item><list-item><list-item><list-item><list-item><list-item><list-item><list-item><list-item><list-item><list-item>

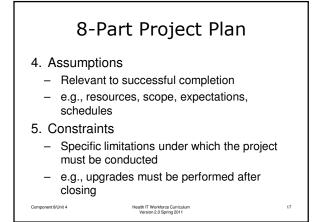














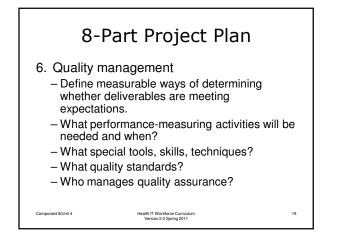
5. Constraints (cont'd)

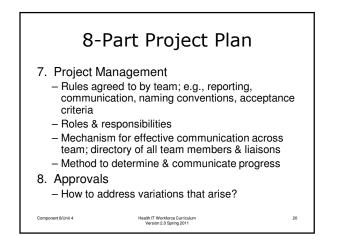
ent 8/Unit 4

- Related projects: Other projects influenced by project, and how
- Critical dependencies: Important relationships between tasks and subtasks which may influence timeline or completion

Health IT Workforce Curriculu Version 2.0 Spring 2011

18







- 3. Selection
- 4. Implementation
- 5. Evaluation

ent 8/Unit 4

6. Improvement

Health IT Workforce Curriculum Version 2.0 Spring 2011 21

Summary

- <u>Project management</u> a carefully planned and organized effort to accomplish a specific, and usually one-time, objective. \
- A <u>Project Manager</u> Oversees all aspects of the project

Health IT Workforce Curriculum Version 2.0 Spring 2011

- · Projects have major phases
- Factor Analysis helps organize the project

Component 8/Unit 4

