Engineering Economics & Management

Project Management

21st March 16

Engineering Economics & Management: Project Management

Organizational Structures

21st Mar 16

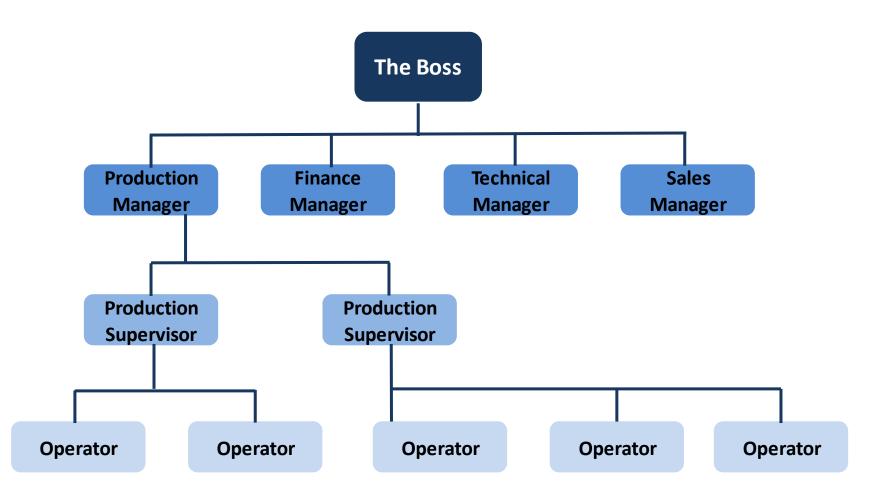
Engineering Economics & Management: Project Management

Structures

Every company has different structure. No two companies have same structure and hierarchy. We can identify and categorize them in some broader types. Basic categorizes of the organizational structure are

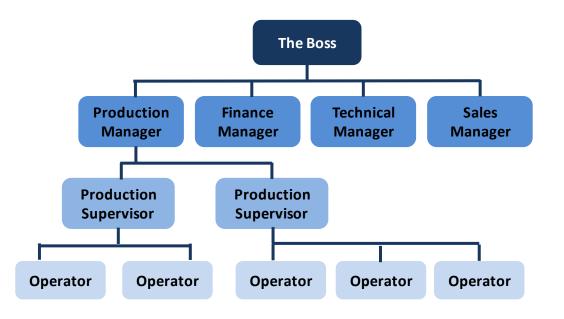
- 1. Functional structure
- 2. Matrix structure
- 3. Project based structure

Functional Organization Structure



Engineering Economics & Management: Project Management

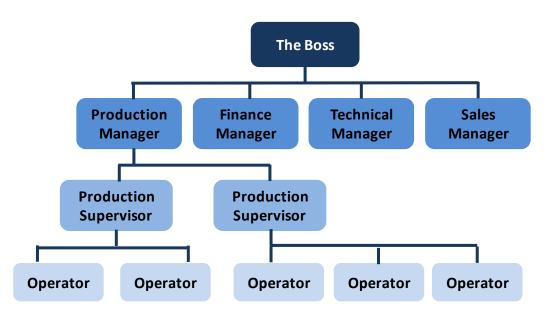
Attributes of Functional Structure



- Products are limited
- Demands are changing rapidly
- Managers have defined role
- Each employee has one boss

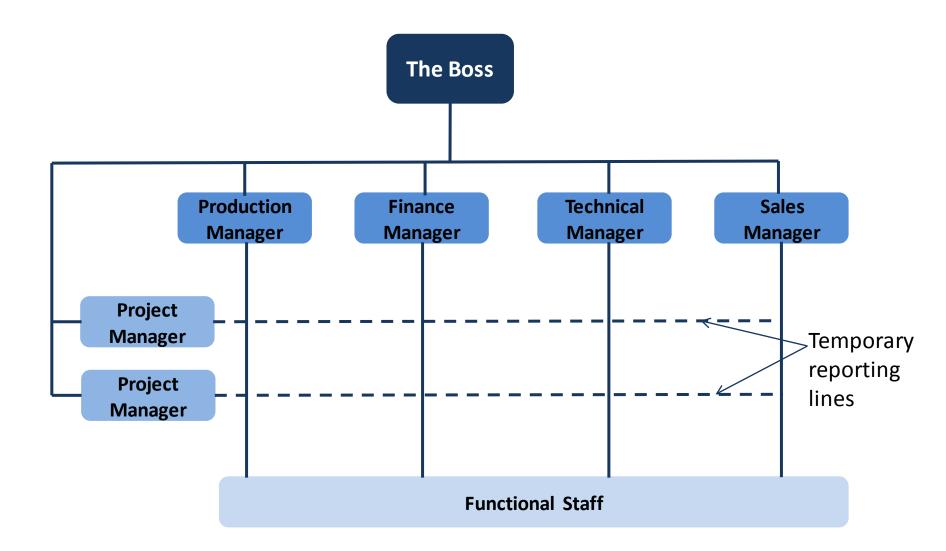
- Policies and procedures are defined
- Communication is well established
- Communication is vertical

Disadvantages of Functional Structure



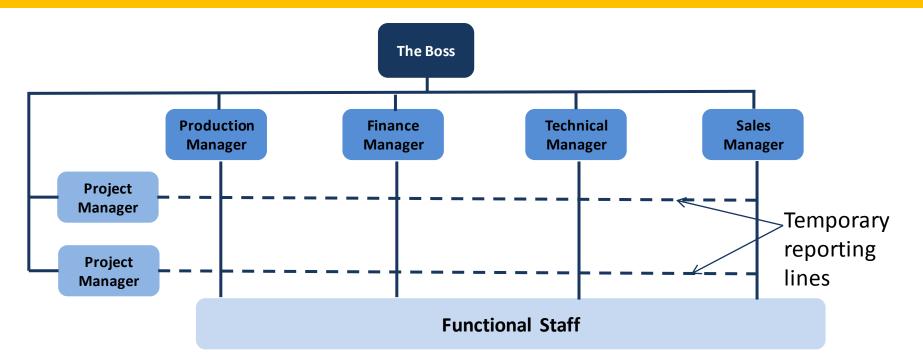
- No one person is responsible for all aspects
- More time is needed for approvals as stakeholders and decision makers are more
- No one person looking out the customers
- Level of motivation and innovation is low
- Blame game is more

Matrix Organization Structure 21st Mar 16



Engineering Economics & Management: Project Management

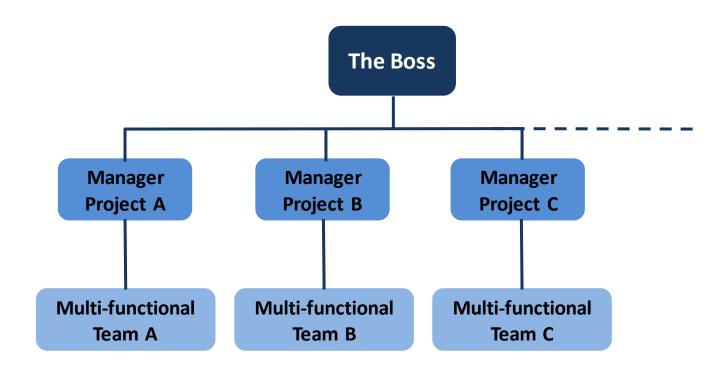
Matrix Organization Structure 21st Mar 16



- Members of project teams has two bosses
- Project managers only need work for their projects
- Functional staff has to satisfy needs of project managers as well as their direct managers
- Its mixture of functional and project structures

Project Based Structure

21st Mar 16



Engineering Economics & Management: Project Management

Project Based Structure

The BossManager
Project AManager
Project BManager
Project CMulti-functional
Team AMulti-functional
Team BMulti-functional
Team C

- Team members are assigned to new project when they are available
- Less middle management
- Flat management structure
- Work assigned on task based work

21st Mar 16

Thankyou

21st Mar 16

Engineering Economics & Management: Project Management