

EBU5608 Product Development and Management

Topic 14 - Introduction to Management



Agenda

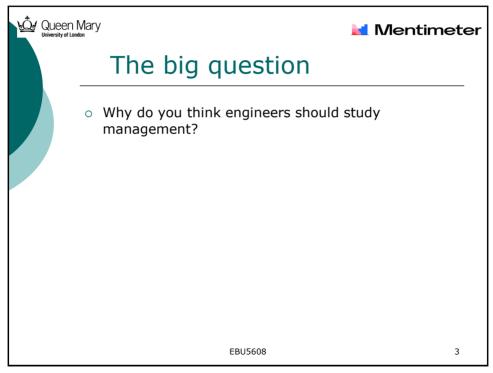
Management

- Definition
- The 3Es Efficiency, Effectiveness and Equity
- The roles of a manager
- Management Theories

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The big question

You need to study this to

- Understand the basic concepts and principles of management
- Build your business vocabulary
- Develop your workplace skills
- Learn about various forms and functions of technology organisations
- Appreciate today's business careers



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Management and managers

- o What is management?
- o What do managers do?
- What skills, styles and capabilities do they need?
- o How do managers learn and develop?
- Why study management as a discipline?
- Can management theories enhance learning and enlighten practice?

What do you think? Give us your views



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Management: a process

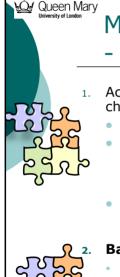
Management is a process of achieving organisational **objectives** within a changing environment, by **balancing** efficiency, effectiveness and equity, obtaining the **most** from limited resources, and working with and through **people**.

Let's look at those a little more...



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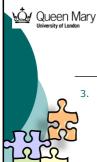
Management: a process - objectives and balance

- Achieving organisational **objectives** within a changing **environment**
 - An objective is a target or aim to be striven for
 - In this course, you'll find out that an organisation, or an individual, is more successful if they seek outcomes that are both challenging and achievable
 - Managers, especially senior managers, spend a great deal of their time, learning about the changing environment

Balancing efficiency, effectiveness and equity

we'll look at these later

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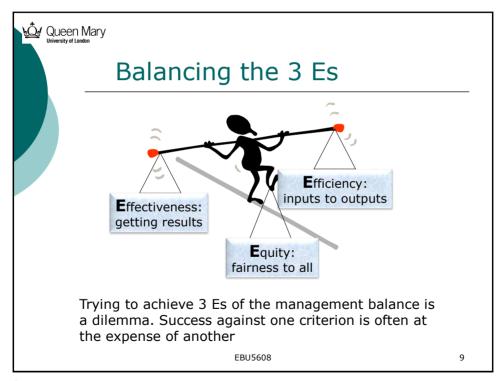
Management: a process - resources & people

Obtaining the most from limited resources

- Recognizing that resources are limited is more than a question of using them most efficiently
- Where materials are scarce, innovation may be needed
- This means adapting products or processes to use fewer or alternative resources
- 4. Working with and through **people**
 - Management is primarily a social process, often defined as 'getting things done through people'
 - There's a danger of presenting management as a set of **techniques**, such as for optimising plans, but eventually, **people** put all plans into effect

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The 3 Es - Efficiency

- Efficiency is a measure of how well input resources are transformed into outputs
- o For example:
 - Washing machine suppliers state that their washing machine can save energy
 - By using less water/electricity, their washing machine can wash more loads than other brands for the same cost
- Similarly, a more efficient **factory** can produce more goods from less labour and/or raw material





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The 3 Es - Effectiveness

- Effectiveness is an assessment of how far a stated objective is achieved
- Often, a focus on 'getting the job done' is important,
 e.g. when managing a crisis
- War, the ultimate crisis, requires leaders who believe in 'winning at all costs'
- But even in such circumstances, good generals consider how to **conserve** and **deploy** their resources

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The 3 Es – Effectiveness or Efficiency?

- A leader's **overemphasis** on effectiveness leads to a **loss** of efficiency
 - Resources are wasted
- On the other hand, too much stress on efficiency may mean that the task may not get done at all
- The right **balance** is a management decision



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The 3 Es - Equity

- **Equity** is the third ingredient of the mixture of Es
- This concerns the **fair distribution** of outputs among recipients
- Many public and not-for-profit organisations place equity at the core of their objectives
- o Can you think of examples?



Business vs. non-profit organisations

Business

- An individual or organization that tries to earn a profit by providing products that satisfy people's needs
- Examples are IBM and Coca-Cola





Non-profit organisation

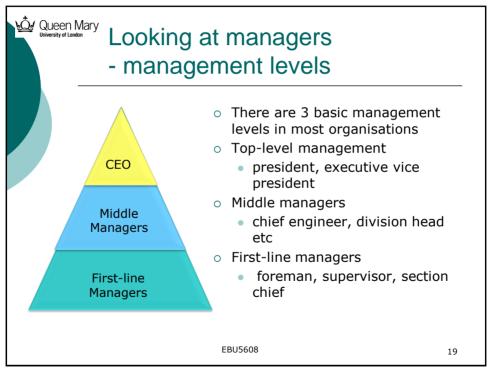
- Provides products, especially services, for some purpose other than profits
- o Examples are
 - Religious/social such as The Salvation Army
 - Colleges & universitiessuch as QMUL

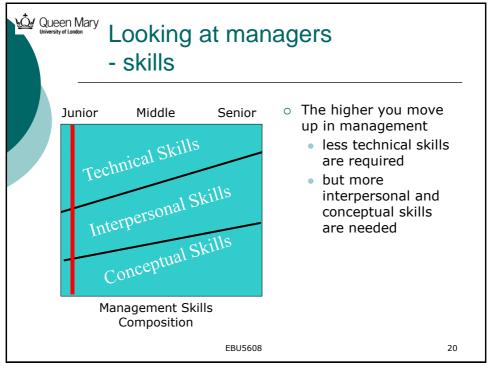




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Managerial Roles (What Managers Do)

- o The roles of managers fall into 3 groups
 - Interpersonal
 - Informational
 - Decisional





o Figurehead role

- Handles outward relationships
- Embodies legal authority; leads formal duties, e.g. signing documents, accepting visitors
- Leader role
 - Downward relationships
 - Motivates others to do their iobs
- Liaison role
 - Horizontal relationships in company

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Managerial roles

- informational role

- Monitor Role
 - Collects information about internal operations and external events



- Disseminator Role
 - Transforms information internally to everybody in organization (like a telephone switchboard)



- Spokesman Role
 - Public relations





Managerial roles

- decisional role



• Initiates changes, assumes risks, transforms ideas into

useful products

Entrepreneurial Role





 Deals with unforeseen problems and crises



Distributing resources



 Bargains with suppliers, customers etc in favour of their enterprise



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Management

- is it an art or a science?

- Management has a body of specialised knowledge
- This knowledge need not to be obtained in formal disciplined programs
- The study of management involves an interplay between theory and practice



Management is somewhere between art and science





Theories in management

- **Descriptive** theories the world as it **is**
 - e.g. 'multinational enterprises usually have decentralised personnel functions'
- This makes **no judgement** and
 recognises that there is
 never a best way that
 applies in all cases

- Prescriptive theories the way the world ought to be
 - e.g. 'multinational enterprises should decentralise their personnel functions'
- This tells all organisations in a particular category what is best

Many managers prefer to be prescriptive

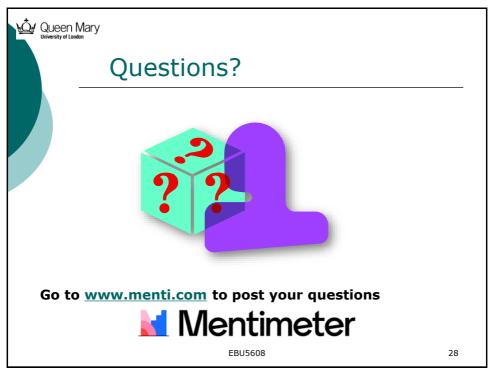
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Summary

- 'Management is a process of achieving organisational **objectives** within a changing **environment**, by balancing **efficiency**, **effectiveness** and **equity**, obtaining the most from **limited resources**, and working with and through **people**.
- There are 3 basic management levels in most organisations
 - Top-level management
 - Middle managers
 - First-line managers
- The roles of managers fall into 3 groups
 - Interpersonal
 - Informational
 - Decisional





References

- Adapted from *Management*, S. P. Robbins and M.A. Coulter, 14th Edition, 2018, Pearson, Chapter 1
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- 6. .. Pg. 24
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