

JOMO KENYATTA UNIVERSITY OF AGRICULTURE AND TECHNOLOGY

DEPARTMENT OF COMPUTER SCIENCE

HRD 2104: PRINCIPLES OF INDUSTRIAL MANAGEMENT

Course Outline

1.0 Purpose of the course:

This module aims to develop a critical understanding of the activities and interactions of industrial management. The course is designed to build on foundation knowledge gained from the Computer science course, the students will be introduced to a range of different principles of industrial management in their studies and this will enable them identify alternative and competing frames of reference.

2.0 Learning Outcomes

By the end of the course the learner should be able to:

1. Clearly understand the meaning of Entrepreneurship, Principles of Industrial Management, the National Economy, Structure and organization of Industry.
2. Demonstrate in depth knowledge and understanding of Principle, Management and Job Specification.
3. Understand Production: Domestic Small Scale and Informal Sector.
4. Understand Primary and Tertiary Industries, Private versus Public Sector.
5. Understand the Sources of Capital.
6. Understand the Business Types: Ownership, licensing and registration.
7. Locating Industry.
8. Understand Production Functions : Modes of Manufacturing , Measures of Efficiency, Research and Development
9. Understand the Law of Contract, Labour Laws, Trade Unions, Collective Bargaining, Disputes and Arbitration.
10. Understand the Factory Act, Health and safety Act,
11. Understand the Environment issues and Industry

3.0 Course Description

WEEK	TOPIC	OUTCOME/SUB TOPICS	Activities
1	Course Overview	<ul style="list-style-type: none">● Get to know the students● Go through the course requirements● Identify groups/group work● Set up the terms of engagement – Class Rep, Communication, agree on the date of CATS● Introduce the course● Definition of key terms and concepts● Basic Concepts/Terminologies	Share the course outline with students. Students to access the class timetable from the JKUAT, identify the venue and agree virtual/in person series.

2	Entrepreneurship	<ul style="list-style-type: none"> ● Meaning of Entrepreneurship ● Examples of Entrepreneurs in Kenya ● Explore global and National Environment of Industry ● Industrial and Management ● Management system Theory 	Short revision questions of reflection, reference materials and notes.
3	Structure and Organization of Industry	<ul style="list-style-type: none"> ● Concept of Industrial Management ● Structure and organization ● Principles of Industrial Management ● Evolution ● Application ● Job specification 	Short revision questions of reflection, reflection and reference materials and notes
4	CAT One	<i>Assignment</i>	Individual CAT
5	Production	<ul style="list-style-type: none"> ● Domestic Small Scale ● Informal Sector ● Primary and tertiary industries ● Private versus Public Sectors ● Sources of Capital 	Short revision questions for reflection, reference materials and notes.
6	Business Types	<ul style="list-style-type: none"> ● Business Types ● Ownership ● Licensing and registration ‘ ● Location of industry 	Short questions for revision and reference Notes
7	CAT Two	Group Assignment and Presentations	Group Assignments
8	Production Function	<ul style="list-style-type: none"> ● Modes of manufacturing ● Measures of efficiency ● Research and development 	Short questions for revision and references. Notes.
9	Law of contract	<ul style="list-style-type: none"> ● Labour Laws ● Trade Unions ● Collective bargaining ● Dispute and arbitration 	Short questions for revision and references Notes.
10	Laws (Act)	<ul style="list-style-type: none"> ● Health and Safety Act ● Factory Act ● Environmental Issues and industry 	Short questions for revision and reference Notes.
11	CAT Three	Group or Individual Assignment - Case Study	Individual Case Study

COURSE ASSESSMENT AND EVALUATION

Examination-70%; Assignments10%: Case Analysis 10%: Discussion and presentations/seminar 10%: Total -100%

Reference

1. Lawrence P. & J W Lorsch (2003). Organization and Environment: Irwin Homewood
2. Menon D. & Varadarajan K. (1997). Fundamentals of Organizational Structure.
www.up.univ-mrs-frl^wlage/ea/gmba/orgthe/topic 2.html.
3. Mintzberg H (1992). The structuring of organization practice Hall. New Jersey
4. Sablinski C. (2002). Organizational structure, environment and performance. The role of strategic choice sociology. Vol. 6. No. 1, pp. 1-22
5. Selto A. & Bourgeois L (2007). The Importance of a Good Organizational Structure.
<http://smallbusiness.chron.com/importance-good> organizational structure.
6. Snow C. C & L. G Hreiniak (2006). Industry Differences in Environmental Uncertainty and Organizational Characteristics Related to Uncertainty. Academy of management Journal. Vol. 23. No. 4, pp. 750-759
7. Sundaram B. & Black J (2003). What Impacts Organizational Structure.
<http://www.chow.com/facts-515>
8. Thompson H (2013). Characteristics of Organizational Environment and Perceived Environmental Uncertainty, Administrative Science Quarterly. Vol. 17. No. 3, pp. 313-327
9. Vroom N (2001). Information Systems Outsourcing Relationship factors: Detailed Conceptualization and Initial Evidence. ACM SIGMIS Database. Vol. 35. No. 4, pp,47-67
10. Walton Nahm (2016). How Organizational Climate and Structure Affect Knowledge Management. The social Interaction Perspective; International Journal of Information Management. Vol. 27. No. 2, pp. 104-118.

Course Journals

1. https://www.ilo.org/wcmsp5/groups/public/---ed_emp/---emp_ent/documents/publication/wcms_820312.pdf
2. <https://documents1.worldbank.org/curated/en/262361468914023771/pdf/106986-WP-P151793-PUBLIC-Box.pdf>
3. file:///C:/Users/Administrator/Downloads/ajol-file-journals_437_articles_105750_submission_proof_105750-5185-286813-1-10-20140725.pdf

Reference Journals

1. Journal of International Business Studies ISSN:0047-2506
2. Journal of Organization Development ISSN:0143-7739
3. International Journal of organizational behavior ISSN:1440-5377