



Course Specification

(Bachelor)

Course Title: **Knowledge Economics**

Course Code: **ECN431**

Program: **BSC. Finance**

Department: **Department of Economics & Finance**

College: **College of Business Administration**

Institution: **University of Ha'il**

Version: **Three**

Last Revision Date: **05-10-2023**



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A. General information about the course:

1. Course Identification

1. Credit hours: 3 Hours

2. Course type

A. ☐ University ☐ College ☒ Department ☐ Track Others
B. ☒ Required ☐ Elective

3. Level/year at which this course is offered: 8th Level/4th Year

4. Course general Description:

The course is designed to provide the students a good understanding of the nature and production of knowledge and its role in the economic growth and development of a country.

5. Pre-requirements for this course (if any):

ECN102

6. Co-requirements for this course (if any): None

None

7. Course Main Objective(s):

The objective of the course of knowledge economics is to equip students with sufficient knowledge, about the nature and importance of knowledge, use economic principles for knowledge production and management, and help play role in developing effective policies for creating an effective economic environment for the production, distribution, management and dissemination of knowledge in order to achieve growth and development.

2. Teaching mode (mark all that apply)

No	Mode of Instruction	Contact Hours	Percentage
1	Traditional classroom	45 hours	100%
2	E-learning	0 hours	0%
3	Hybrid <ul style="list-style-type: none"> Traditional classroom E-learning 	0 hours	0%
4	Distance learning	0 hours	0%



3. Contact Hours (based on the academic semester)

No	Activity	Contact Hours
1.	Lectures	45 hours
2.	Laboratory/Studio	0 hours
3.	Field	0 hours
4.	Tutorial	0 hours
5.	Others (specify)	0 hours
Total		45 Hours

B. Course Learning Outcomes (CLOs), Teaching Strategies and Assessment Methods

Code	Course Learning Outcomes	Code of CLOs aligned with program	Teaching Strategies	Assessment Methods
1.0	Knowledge and understanding			
1.1	Memorise the characteristics of knowledge economy.	K1	-Lecture -Discussion	<ul style="list-style-type: none"> •Direct -Quizzes, -Midterm -Final Exam •Indirect -Course evaluation survey by students
1.2	Describe the characteristics of knowledge as a public goods.	K1	-Lecture -Discussion	<ul style="list-style-type: none"> •Direct -Midterm -Final Exam •Indirect -Course evaluation survey by students
2.0	Skills			
2.1	Explain various types of IPR and the benefits of IPR.	S2	-Lecture, -Discussion -Cooperative Learning	<ul style="list-style-type: none"> •Direct -Midterm, -Final Exam -Research Project





Code	Course Learning Outcomes	Code of CLOs aligned with program	Teaching Strategies	Assessment Methods
				<ul style="list-style-type: none"> •Indirect -Course evaluation survey by students
2.2	Differentiate between internal and external knowledge spillovers.	S2	-Lecture -Discussion	<ul style="list-style-type: none"> •Direct -Midterm -Final Exam •Indirect -Course evaluation survey by students
2.3	Write the central idea of endogenous growth theory.	S3	-Lecture -Discussion	<ul style="list-style-type: none"> •Direct -Midterm -Final Exam •Indirect -Course evaluation survey by students
3.0	Values, autonomy, and responsibility			
3.1	Demonstrate leadership and collaboration in a teamwork.	V1	-Discussion -Cooperative learning [Extracurricular activity]	<ul style="list-style-type: none"> •Direct -Research Project •Indirect -Course evaluation survey by students
3.2	Show ethical and responsible behaviours while working in a team.	V2	-Discussion -Cooperative Learning [Extracurricular activity]	<ul style="list-style-type: none"> •Direct -Research Project •Indirect -Course evaluation survey by students





C. Course Content

No	List of Topics	Contact Hours
1.	Introduction to Knowledge Economy	8 Hours
2.	Knowledge as a Public Good	8 Hours
3.	Production of Knowledge	4 Hours
4.	Organization of Knowledge	4 Hours
5.	Knowledge Spillovers	4 Hours
6.	Role of IPR in Creativity & Knowledge-Economy	4 Hours
7.	Towards a Global Knowledge Economy: Recent Achievements and Challenges	8 Hours
8.	Case Studies	5 Hours
Total		45 Hours

D. Students Assessment Activities

No	Assessment Activities *	Assessment timing (in week no)	Percentage of Total Assessment Score
1.	Quiz 1	3 rd	7%
2.	Midterm	8 th	30%
3.	Research Project	10 th	6%
4.	Quiz 2	12 th	7%
5.	Final Exam	16 th	50%

*Assessment Activities (i.e., Written test, oral test, oral presentation, group project, essay, etc.).

E. Learning Resources and Facilities

1. References and Learning Resources

Essential References	The Economics of Knowledge by Dominique Foray, 2006.
Supportive References	KSA Vision 2030
Electronic Materials	Library Online Databases of the university - http://libsys.uoh.edu.sa:2048/login
	Blackboard - http://www.uoh.edu.sa/MediaCenter/Advertisements/Pages/blackboard-tutorial.aspx
	http://wps.prenhall.com/ca_ph_ehrenberg_labourecon_1/19/5035/1289009.cw/-/t/index.html
	http://wps.aw.com/bp_ehrensmit mlaborecon_12/243/62400/15974613.cw/index.html



Other Learning Materials

<https://www.economicsnetwork.ac.uk/teaching/Assessment%20Materials/Labour%20Economics%2C%20Employment%20and%20Unemployment>

2. Required Facilities and equipment

Items	Resources
facilities (Classrooms, laboratories, exhibition rooms, simulation rooms, etc.)	A classroom with proper seating arrangements.
Technology equipment (projector, smart board, software)	Smart board & Projector
Other equipment (depending on the nature of the specialty)	None

F. Assessment of Course Quality

Assessment Areas/Issues	Assessor	Assessment Methods
Effectiveness of teaching	Chairperson & Peer (PAAPA) Class observation (Using class observation form) Students course evaluation Survey)	(Direct) (Indirect)
Effectiveness of Students assessment	Reviewer (Faculty from the same department) Reviewing the exam paper Co-signing the grades Unified midterm/final exams	(Direct)
Quality of learning resources	Instructors (course report) Students course evaluation survey (CES)	(Direct) (Indirect)
The extent to which CLOs have been achieved	Instructor direct method (CLOs assessment form for all assessment methods) Students CLO assessment survey	(Direct) (Indirect)
Other		

Assessors (Students, Faculty, Program Leaders, Peer Reviewer, Others (specify))

Assessment Methods (Direct, Indirect)

G. Specification Approval

COUNCIL /COMMITTEE

DEPARTMENT COUNCIL





REFERENCE NO.	3
DATE	12/11/2023

