



Outcome-Based Education (OBE) Curriculum

CHITTAGONG INDEPENDENT UNIVERSITY

DEPARTMENT OF FINANCE

BACHELOR OF BUSINESS ADMINISTRATION (BBA) IN FINANCE PROGRAM

Part A

VISION OF CHITTAGONG INDEPENDENT UNIVERSITY

Chittagong Independent University aspires to become a premier institution delivering transformative higher education and research to support sustainable economic growth in the country while ensuring a mutualist relationship with local, national, and global communities.

MISSION OF CHITTAGONG INDEPENDENT UNIVERSITY

- 1) To produce graduates of global standards by infusing essential knowledge, skills, values and creativity through innovative education and scholarship.
- 2) To encourage, support and conduct valuable research responsive to the diverse needs of society, economy and industry.
- 3) To create a collaborative relationship with outside communities stimulating exchange of ideas and productive endeavors.



DEPARTMENT OF FINANCE

VISION:

The department of Finance aspires to become a center of excellence in offering knowledge of modern finance and conducting scholarly and contemporary researches.

MISSION:

M1	To produce the finance graduates with sufficient knowledge and skills in modern finance and its practices.
M2	To advance the knowledge of finance through relevant and contextual research.
M3	To integrate Sustainable Development Goals (SDGs) in all aspects of teaching, learning, and research with regard to the finance.
M4	To foster the culture of innovation and entrepreneurship in line with The Fourth Industrial Revolution (IR 4.0).
M5	To engage with community, alumni, industry, and all other stakeholders.

NAME OF THE DEGREE:

Bachelor of Business Administration (BBA) in Finance.

DESCRIPTION OF THE PROGRAM:

Sl. No	Category of Courses	Distribution of Credits
1	General Education/Foundation Courses	36 Credits
2	Core Courses	57 Credits
3	Major Courses	23 Credits
4	Minor Courses in any one of the following 6 fields: Marketing, International Business, Accounting, Human Resources Management, General Management, Management Information System.	15 Credits
5	LFE (Live-in-Field Experience)	3 Credits
6	Internship/Research Project	6 Credits
<i>Total requirement for the degree</i>		<i>140 credits</i>

GRADUATE ATTRIBUTES:

- 1) Knowledgeable in contemporary issues of finance and financial management;
- 2) Creative, innovative, conscientious;
- 3) Having business intelligence, leadership, professionalism, and problem-solving skills;
- 4) Having negotiation, communication, persuasiveness, critical thinking, and decision making ability;
- 5) Tendency to develop team working ability, intercultural competency, inquisitiveness, self-awareness, and lifelong learning habit.



Program Education Objectives (PEOs):

PEO1	Understanding core concepts and principles of finance: The students are expected to be able to exhibit an appropriate blend of knowledge in the field of finance.
PEO2	Problem solving, critical thinking, and ethical reasoning: The students are expected to develop critical thinking skills as well as develop the understanding of the ethical reasoning including the ability to describe, analyze, and link the context with concepts and theories, evaluate the situation, solve problems, and make and defend decisions.
PEO3	Effective communication skills: The students are expected to develop effective reading, listening, writing, and speaking skills in the context of professional business communications.
PEO4	Team building, and networking: The students are expected to be able to interact professionally and productively in small teams in a variety of social and business settings and demonstrate effective leadership and collaboration skills for making decisions and accomplishing the goals.
PEO5	Entrepreneurial competencies: The students are expected to be able to start their own business ventures by having both theoretical knowledge and practical experience of certain period.

Program Learning Outcomes (PLO):

PL01	The students will be able to develop in-depth theoretical and practical knowledge of finance in light of sustainable development and industrial revolutions.
PL02	The students will be able to develop capacity to prepare and implement business plans through utilizing latest technology along with creativity, integrity, and entrepreneurial skills.
PL03	The students will be able to develop ability to understand, predict, and manage the operational & environmental issues of business through strong leadership and professionalism.
PL04	The students will be able to develop effective communication skills to present ideas, problems and solutions to all the stakeholders.
PL05	The students will be able to develop adaptability to work in a diverse, dynamic and challenging environment through self-improvement, teamwork, and innovation.

Mapping Mission of the University with PEOs:

PEOs	Mission 1	Mission 2	Mission 3
PEO1	3	3	2
PEO2	3	3	2
PEO3	3	2	3
PEO4	3	2	3
PEO5	3	1	3

Mapping PLOs with the PEOs:

PLOs	PEO1	PEO2	PEO3	PEO4	PEO5
PLO1	3	3	1	2	3
PLO2	3	3	1	2	3



PLO3	3	3	2	3	3
PLO4	2	2	3	3	1
PLO5	1	2	3	3	3

Mapping Courses with the PLOs:

SI No.	Courses	PLO1	PLO2	PLO3	PLO4	PLO5
1	ENG-0114-101	1	1.5	2	3	2
2	ENG-0114-102	1.5	2.5	3	3	2.5
3	BUS-0114-105	2	2.5	3	3	1
4	ENG-0114-106	2.5	3	2	2.5	2.5
5	CAB- 0611-101	3	3	3	2	2
6	DTB-0613-101	3	2	2.5	2.5	1.5
7	BUS-0542-211	2	3	2	3	2
8	MAT-0021-101	1	2	1	1	1
9	ENV-0521-111	2	2	2.5	2	1
10	PHY-0533-111	2	2	2.5	2	1
11	PSY-0313-111	2	2	2.5	2	1
12	SOC-0314-111	3	3	3	3	1.5
13	HEA-0923-101	2	2	2	2	1
14	ANT-0314-111	1.5	2.5	2.5	2.5	3
15	SOC-0111-301	2	2.5	1.5	2	3
16	BUS-0114-201	3	2.5	2.5	3	2
17	ETH-0223-201	3	2	3	1.5	1.5
18	BDS-0114-101	3	2.5	3	2	2.5
19	BDS-0222-102	3	3	3	2.5	2
20	BLL-0232-101	2.5	2.5	2.5	2	2.5
21	ACN-0411-201	3	3	2.5	2.5	2
22	ACN-0411-204	2.5	2.5	3	2.5	2
23	ACN-0411-304	3	2	2.5	3	1.5
24	BUS-0114-201	3	2.5	2.5	3	2
25	BUS-0114-202	3	2.5	3	2.5	3
26	BUS-0114-310	2.5	3	1	2.5	1
27	BUS-0421-361	2.5	1.5	3	2	2.5
28	BUS-0111-485	3	3	3	3	1.5
29	ECN-0311-211	3	3	2.5	2.5	1
30	ECN-0311-212	2.5	2.5	3	2	2
31	FIN-0412-211	3	3	2	3	2.5
32	FIN-0412-311	3	3	2	2	2.5
33	HRM-0413-301	3	3	3	3	2.5



34	HRM-0413-381		2.5	3	2.5	2.5	2
35	MGT-0413-201		3	2.5	2	2.5	2
36	MGT-0413-301		3	3	3	2.5	2
37	MGT-0413-305		2.5	3	2.5	2.5	2
38	MGT-0413-331		2.5	2.5	3	2	2
39	MGT-0413-490		2.5	2.5	3	2.5	2.5
40	MIS-0612-201		3	3	2	2.5	3
41	MKT-0414-201		3	3	2.5	3	1.5
42	FIN-0412-303		3	3	2.5	3	2
43	FIN-0412-306		3	3	2	2.5	2.5
44	FIN-0412-440		3	3	3	2.5	2.5
45	FIN-0412-465		2.5	2.5	2.5	1	1.5
46	FIN-0412-480		3	2.5	1.5	2	2.5
47	FIN-0412-309		3	2.5	2.5	2.5	2
48	FIN-0412-380		3	3	3	2	2
49	FIN-0412-390		2	2	3	3	1
50	FIN-0412-403		1.5	3	3	2	1
51	FIN-0412-410		3	3	2	2	2.5
52	FIN-0412-430		3	3	3	2	2
53	FIN-0411-450		3	3	2	1.5	2.5
54	FIN-0412-475		3	3	2	2.5	2.5
55	FIN-0412-490		3	2	3	1.5	1.5
56	FIN-0412-400L		2.5	2.5	2.5	2	2
57	LFE-0111-201		2.5	2	2	2.5	3
58	BBA-0111-496		3	3	2.5	2	3
59	BBA-0111-497		3	3	2.5	2	3



Part B

Structure of the Curriculum

BBA IN FINANCE PROGRAM

- a) Duration of the program: Years: 4 (Four) Years; Semesters: 8 (Eight);
- b) Admission Requirements:
 - i. Minimum GPA 2.5 both in SSC/Equivalent and HSC/Equivalent or GPA 6.00 (Combined) but the score should not be less than GPA 2.00 in any individual examination;
 - ii. O' Level in 5(Five) subjects and 'A' Level in 2(Two) subjects with a minimum 'B' Grade in four subjects and 'C' Grade in three subjects.
- c) Total minimum credit requirement to complete the program: According to BNQF (Part B): 140 Credits;
- d) Total class weeks in a Year/semester: 15 Weeks/Semester;
- e) Minimum CGPA requirements for graduation: CGPA 2.00 on the scale of 4.00;
- f) Maximum academic years of completion: 08 (Eight) Years.
- g) Category of Courses:

i. GENERAL EDUCATION/FOUNDATION COURSES:

General Education/Foundation Courses			36 Credits
Communication Skills			6
1.	ENG-0114-101	Listening and Speaking Skills	3
2.	ENG-0114-102	English Reading Skills	3
3.	BUS-0114-105	Business Communication	3
4.	ENG-0114-106	Advanced English Skills	3
Computer & IT Skills			3
1.	CAB- 0611-101	Computer Applications in Business	3
2.	DTB-0613-101	Digital Transformation in Business	3
Numeracy			6
1.	BUS-0542-211	Business Statistics	3
2.	MAT-0021-101	Intermediate Mathematics	3
Natural Sciences			3
1.	ENV-0521-111	Introduction to Environmental Science	3
2.	PHY-0533-111	Physics	3
3.	PSY-0313-111	Psychology	3



Social Sciences			9
1.	SOC-0314-111	Introduction to Sociology	3
2.	HEA-0923-101	Health and Society	3
3	ANT-0314-111	Anthropology	3
4	SOC-0111-301	Social Science Research Methods	3
5	BUS-0114-201	Introduction to Business	3
6	ETH-0223-201:	Ethics, Responsibility, and Sustainability in Business	3
Humanities			9
1.	BDS-0114-101	Bangladesh Studies	3
2.	BDS-0222-102	History of the Emergence of Bangladesh	3
3.	BLL-0232-101	Bangla Bhasha & Shahitto (বাংলা ভাষা এবং সাহিত্য)	3

ii. CORE COURSES:

Core Courses			57 Credits
1.	ACN-0411-201	Principles of Accounting	3
2.	ACN-0411-204	Cost and Management Accounting	3
3.	ACN-0411-304	Auditing and Taxation	3
4.	BUS-0114-202	Business Mathematics	3
5.	BUS-0114-310	Business Analytics	3
6.	BUS-0421-361	Legal Environment of Business	3
7.	BUS-0111-485	Business Research Methods	3
8.	ECN-0311-211	Microeconomics	3
9.	ECN-0311-212	Macroeconomics	3
10.	FIN-0412-211	Principles of Finance	3
11.	FIN-0412-311	Bank Management	3
12.	HRM-0413-301	Human Resource Management	3
13.	HRM-0413-381	Employment / Labour Law	3
14.	MGT-0413-201	Principles of Management	3
15.	MGT-0413-301	Organizational Behavior	3
16.	MGT-0413-305	Entrepreneurship Development & SME Management	3
17.	MGT-0413-331	Operations & Supply Chain Management	3
18.	MGT-0413-490	Strategic Management	3
19.	MIS-0612-201	Fundamentals of MIS	3



20. MKT-0414-201	Principles of Marketing	3
------------------	-------------------------	---

iii. MAJOR & MINOR COURSES OF FINANCE:

Course requirements for Major in Finance: 23 Credits
 Course requirements for Minor in Finance: 15 Credits

List of courses for both Finance Major & Minor		
Group: A (Mandatory)		Credit Hours
1.	FIN-0412-303 Corporate Finance	3
2.	FIN-0412-306 Financial Markets & Institutions	3
3.	FIN-0412-440 Insurance and Risk Management	3
4.	FIN-0412-465 Investment Analysis	3
5.	FIN-0412-480 International Financial Management	3
Group: B (Optional) Any Three including FIN-0412-400L		
1.	FIN-0412-309 Introduction to Fin Tech	3
2.	FIN-0412-380 Islamic Finance	3
3.	FIN-0412-390 Quantitative Analysis of Financial Decision	3
4.	FIN-0412-403 Financial Econometrics	3
5.	FIN-0412-410 Emerging Market Finance	3
6.	FIN-0412-430 Export-Import Financing and Strategies	3
7.	FIN-0411-450 Advanced Financial Accounting	3
8.	FIN-0412-475 Derivative Instruments	3
9.	FIN-0412-490 Sustainable Finance	3
10.	FIN-0412-400L Software Applications in Finance (compulsory for major)	2

iv. LFE & INTERNSHIP/RESEARCH PROJECT:

Mandatory		9
1.	LFE-0111-201 Live-in-Field Experience	3
2.	BBA-0111-496 Internship	6
3.	BBA-0111-497 Research Project**	6

**In exceptional situation, a student will be allowed to opt for Research Project as an alternative to Internship.

SEMESTER- WISE DISTRUBUTION OF THE COURSES

First Semester- BBA in Finance Program:

Sl No.	Course Code	Course	PoE	Credits	Marks
1	ENG-0114-101	Listening and Speaking Skills	BBA	3	100
2	CAB- 0611-101	Computer Applications in Business	BBA	3	100
3	BUS-0114-201	Introduction to Business	BBA	3	100
4	HEA-0923-101	Health and Society	BBA	3	100
5	MIS-0612-201	Fundamentals of MIS	BBA	3	100
6	MGT-0413-201	Principles of Management	BBA	3	100

Second Semester- BBA in Finance Program:

Sl No.	Course Code	Course	PoE	Credits	Marks
1	BUS-0114-105	Business Communication	BBA	3	100
2	MKT-0414-201	Principles of Marketing	BBA	3	100
3	ENG-0114-106	Advanced English Skills	BBA	3	100
4	MAT-0021-101	Intermediate Mathematics	BBA	3	100
5	BDS-0114-101	Bangladesh Studies	BBA	3	100
6	BUS-0542-211	Business Statistics	BBA	3	100

Third Semester- BBA in Finance Program:

Sl No.	Course Code	Course	PoE	Credits	Marks
1	ENV-0521-111	Introduction to Environmental Science	BBA	3	100
2	BDS-0222-102	History of the Emergence of Bangladesh	BBA	3	100
3	ACN-0411-201	Principles of Accounting	BBA	3	100
4	HRM-0413-301	Human Resource Management	BBA	3	100



5	BLL-0232-101	Bangla Bhasha & Shahitto (বাংলা ভাষা এবং সাহিত্য)	BBA	3	100
6	ECN-0311-211	Microeconomics	BBA	3	100

Fourth Semester- BBA in Finance Program:

Sl No.	Course Code	Course	PoE	Credits	Marks
1	FIN-0412-311	Bank Management	BBA	3	100
2	ECN-0311-212	Macroeconomics	BBA	3	100
3	MGT-0413-301	Organizational Behavior	BBA	3	100
4	BUS-0114-202	Business Mathematics	BBA	3	100
5	ACN-0411-304	Auditing and Taxation	BBA	3	100
6	FIN-0412-211	Principles of Finance	BBA	3	100

Fifth Semester- BBA in Finance Program:

Sl No.	Course Code	Course	PoE	Credits	Marks
1	MGT-0413-331	Operations & Supply Chain Management	BBA	3	100
2	BUS-0114-310	Business Analytics	BBA	3	100
3	ACN-0411-204	Cost and Management Accounting	BBA	3	100
4	BUS-0421-361	Legal Environment of Business	BBA	3	100
5	HRM-0413-381	Employment / Labour Law	BBA	3	100
6	MGT-0413-305	Entrepreneurship Development & SME Management	BBA	3	100

Sixth Semester- BBA in Finance Program:

Sl No.	Course Code	Course	PoE	Credits	Marks
1	Major 1*		BBA	3	100
2	Major 2*		BBA	3	100
3	Major 3*		BBA	3	100
4	Minor 1*		BBA	3	100
5	Minor 2*		BBA	3	100



6	Minor 3*		BBA	3	100
---	----------	--	-----	---	-----

*To be offered on the basis of the necessity.

Seventh Semester- BBA in Finance Program:

Sl No.	Course Code	Course	PoE	Credits	Marks
1	BUS-0111-485	Business Research Methods	BBA	3	100
2	Major 4*		BBA	3	100
3	Major 5*		BBA	3	100
4	Major 6*		BBA	3	100
5	Minor 4*		BBA	3	100
6	Minor 5*		BBA	3	100

*To be offered on the basis of the necessity.

Eight Semester- BBA in Finance Program:

Sl No.	Course Code	Course	PoE	Credits	Marks
1	Major 7*		BBA	3	100
2	Major 8*		BBA	3	100
3	MGT-0413-490	Strategic Management	BBA	3	100
4	LFE-0111-201	Live-in-Field Experience	BBA	3	100
5	BBA-0111-496 or BBA-0111-497	Internship or Research Project	BBA	6	50

*To be offered on the basis of the necessity.

Part C

Description of the Courses

BBA IN FINANCE PROGRAM

GENERAL EDUCATION/FOUNDATION COURSES

Communication Skills

ENG-0114-101: LISTENING AND SPEAKING SKILLS

Credit Hours: 3

Rationale of the Course:

The course will equip students with two of the most important aspects of communication – listening and speaking through an interactive learning environment where students will actively engage themselves in the classroom discussions and tasks.

Course Objective

This course covers listening and speaking skills and is designed to develop students' existing ability to communicate successfully in English. The focus of the course is on the functional and interactive aspect of the language acquisition. At the end of the course students will feel confident, positive to communicate their messages effectively to a variety of audience for academic, social and work-related purposes.

Course Learning Outcomes (CLO)

At the end of the course, students will be able to:

CL01	Demonstrate basic understanding of communication in various contexts and communicate in English with sufficient accuracy and fluency so that they successfully make meanings in academic and professional setting.
CL02	Develop students' abilities to assimilate meaning and comprehend maximum number of sentences in natural contexts
CL03	Deliver clear and focused oral presentations while communicating with the community
CL04	Use analytical thinking skills to understand main and specific information and interpret stress and intonation while listening and comprehend different levels of oral language to take part in more advanced topics
CL05	Monitor and apply strategies to a specified level of accuracy in grammar, sentence structure, word choice, and pronunciation elements while communicating in real life situations



Mapping of CLOs to PLOs

	PLO1	PLO2	PLO3	PLO4	PLO5
CLO 1	1	1	3	3	2
CLO 2	1	2	2	3	2
CLO 3	1	1	1	3	1
CLO4	1	2	2	3	2
CLO5	1	1	2	2	3
Average	1.0	1.4	2.0	2.8	2.0

(Level of integration: 3-High, 2-Medium, 1-Low)

Course Plan: Teaching-Learning & Assessment Strategy mapped with CLOs:

Topic	Hours	Teaching-Learning Strategy	Assessment Strategy	Corresponding CLOs
1.Listening for main ideas and specific information Greetings, introducing yourself and others.	3	Teacher- Student interaction, Student-Student interaction	Test/ Presentation / Role play	1
2. Understanding instructions/ directions	3	Teacher- Student interaction, Student-Student interaction	Test/Presentation/ Role play	1, 2
3. Understanding advice & responding questions appropriately	3	Teacher- Student interaction, Student-Student interaction	Test/ Presentation / Assignment	1, 2
4.Infering the meaning of unfamiliar words Getting meaning from context	3	Teacher- Student interaction, Student-Student interaction	Test/Assignment	2
5. Accurate note-taking utilizing a variety of methods	3	Teacher- Student interaction, Student-Student interaction	Test/Assignment	5
6.Making reservation, appointments, and complaints	3	Teacher- Student interaction, Student-Student interaction	Test/ Presentation / Assignment	1, 2
7.Giving direction and instructions	3	Teacher- Student interaction, Student-Student interaction	Test/ Presentation / Assignment	2, 3
8. Giving opinions and suggestions	3	Teacher- Student interaction, Student-Student interaction	Test/ Presentation / Assignment	3
9.Understanding	6	Teacher- Student	Test/	4

intonation, pronunciation practice		interaction, Student-Student interaction	Presentation / Assignment	
10. Understanding the main idea of an argument and arguing on a particular topic	3	Teacher- Student interaction, Student-Student interaction	Test/ Presentation / Assignment	1, 5
11. Describing situations, people, places	3	Teacher- Student interaction, Student-Student interaction	Test/ Presentation / Assignment	1
12. Understanding content presented in English in various media utilized in the academic environment	6	Teacher- Student interaction, Student-Student interaction	Test/ Presentation / Assignment	1, 4
13. Summarizing Oral Presentation	3	Teacher- Student interaction, Student-Student interaction	Test/ Presentation / Assignment	1, 3

Textbook(s)

New Headway Upper Intermediate/ Advanced: Liz Soars, John Soars

Reference(s)

1. *New English File Upper Intermediate/ Advanced* : Clive Oxenden, Christina Latham-Koenig, and Paul Seligson
2. *New Inside Out*: Sue Kay and Vaughan Jones
3. *English Pronunciation – Stress and Intonation*: Jill McMillan
4. *Better English Pronunciation*: J. D. O'Connor
5. *Oxford Advanced Learner's Dictionary*: OUP

Assessment and Evaluation

Bloom's Category	Class Performance	1 st Term	Mid-term	Final	Total
Remember		05	05	05	15
Understand	03	05	05	05	18
Apply	03	05	05	10	28
Analyze		05		05	10
Evaluate			05	05	10
Create	04		10	10	19
Total	10	20	30	40	100

Grading System: As per UGC recommendation

ENG0114-102: READING SKILLS

Credit Hours: 3

Rationale of the Course:

The course will help the students to be fluent readers within and outside their comfort zone and overcome troubling issues in reading by equipping the learners with various techniques and classroom exercises.

Course Objective

This course includes intense reading strategies and skills with an emphasis on increased reading comprehension rate and faster reading speed. This course involves the study of critical reading, comprehension and metacognition, namely what are our brains doing while our eyes are looking at the text. It is designed to enhance the student's success in reading more complex passages with an increased level of comprehension and confidence, preparing them to do well in their academic reading.

Course Learning Outcomes (CLOs)

At the end of the course, students will be able to:

CLO1	ability to read and interpret textbooks and other assigned material
CLO2	making connections, engaging with the text, active meaning construction, monitoring understanding, analysis and synthesis, and critical reading
CLO3	ability to form a basic core of reading skills and apply these skills in an extensive reading environment

Mapping of CLOs to PLOs

	PLO1	PLO2	PLO3	PLO4	PLO5
CLO1	2	2	2	4	1
CLO2	1	3	2	3	1
CLO3	1	3	3	3	3
CLO4	1	2	3	2	3
CLO5	1	2	3	2	3
CLO6	1	2	3	2	3
Average	1.5	2.5	3	3	2.5

(Level of integration: 3-High, 2-Medium, 1-Low)

Course Plan: Teaching-Learning & Assessment Strategy mapped with CLOs:

Topic	Hours	Teaching-Learning Strategy	Assessment Strategy	Corresponding CLOs
1. Basic reading theories & techniques Skimming, scanning, reading speed per minute, eye-reading, comprehension rate, intensive & extensive reading etc. Practice Reading ;	6	Lecture, Practice, and Feedback	Test & Quiz	1



2. Extracting Main Ideas Distinguishing between important and unimportant information	3	Lecture, Practice ,and Feedback	Test & Quiz	2
3. Reading for Specific information	3	Lecture, Practice , and Feedback	Test & Quiz	2, 3
4. Understanding Text organization	3	Lecture ,Practice ,and Feedback	Test & Quiz	3
5. Predicting	3	Lecture ,Practice ,and Feedback		3
6. Checking Comprehension	3	Lecture ,Practice ,and Feedback	Test & Quiz	3
7. Inferring	3	Lecture ,Practice ,and Feedback	Test & Quiz	2
8. Dealing with unfamiliar words	3	Lecture ,Practice ,and Feedback	Test and Quiz	2
9. Linking Ideas	3	Lecture ,Practice ,and Feedback	Test	3

10. Understanding Complex Sentences	3	Lecture ,Practice ,and Feedback	Test	3
11. Understanding Writer's Style	3	Lecture ,Practice ,and Feedback	Test	3
12. Evaluating the text	3	Lecture ,Practice ,and Feedback	Test	3
13. Reacting to the text	3	Lecture ,Practice ,and Feedback	Test	3
14. Writing summary of a text	3	Lecture ,Practice ,and Feedback	Test	3

Textbook(s)

Greenall, S., & Swan, M. (1986). *Effective reading student's book: Reading skills for advanced students* (Vol. 1). Cambridge University Press.

Reference(s)

1. Rupley, W. H., Blair, T. R., & Nichols, W. D. (2009). Effective reading instruction for struggling readers: The role of direct/explicit teaching. *Reading & Writing Quarterly*, 25(2-3), 125-138.
2. Glendinning, E. H., & Holmström, B. (2004). *Study reading: A course in reading skills for academic purposes*. Cambridge University Press.
3. Zemach, D. (2010). *Building Academic Reading Skills/book 2*. University of Michigan Press.
4. Glover, A.J. *Build Up Your English*. Littlehampton Book Services Ltd.

5. Alexander, L.G. Fluency in English. Longman Group Ltd.

Supplementary Reading(s)

1. Montgomery, M., Durant, A., Fabb, N., Furniss, T., & Mills, S. (2007). *Ways of reading: Advanced reading skills for students of English literature*. Routledge.
2. Sam McCarter & Norman Whitby: Reading Skills. Macmillan Education.
3. Liz Soars. Head way Series. Oxford University Press.

Assessment and Evaluation

Bloom's Category	Assignments	Quizzes	Mid-term (Test)	Final-term (Test)	Total
Remember		10	05	05	20
Understand	05		05	10	20
Apply			05	15	20
Analyze			05	10	15
Evaluate			05	05	10
Create	05		05	05	15
Total	10	10	30	50	100

Grading System: As per UGC recommendation

BUS-0114-105: BUSINESS COMMUNICATION

Credit Hours: 3

Rationale of the Course:

The course will facilitate the students to learn various corporate correspondences which are crucial to thrive and grow in this rapidly changing, highly competitive, diverse business environment through hands-on tasks.

Course Objective

This course aims to help you develop the proficiency needed to succeed in today's technologically enhanced workplace by focusing on the development of professional oral and written communication skills. Having good oral communication and writing skills are imperative in today's workplace. In the past, business people may have written couple of business letters a month, but now they can receive and send hundreds of email messages weekly. Their writing skills are showcased in every message they send. As well, with the arrival of video conferencing, large-scale meetings are possible with increased frequency. Through this course, you will improve your letter, email and report and presentation skills.

Course Learning Outcomes (CLO)

At the end of the course, students will be able to:

CLO1	Understand the importance of being an effective business communicator in today's changing workplace.
------	--



CLO2	Write a polished resume and cover letter
CLO3	Create and maintain a proper LinkedIn profile
CLO4	Speak publicly impromptu and on a predetermined topic
CLO5	Present professionally using various applications

Mapping of CLOs to PLOs

	PLO1	PLO2	PLO3	PLO4	PLO5
CLO1	2	1	3	2	1
CLO2	3	3	3	3	1
CLO3	2	3	3	3	1
CLO4	1	2	3	2	1
CLO5	2	3	3	3	1
Average	2.0	2.4	3.0	2.6	1.0

(Level of integration: 3-High, 2-Medium, 1-Low)

Course Plan: Teaching-Learning & Assessment Strategy mapped with CLOs

Topic	Hours	Teaching-Learning Strategy	Assessment Strategy	Corresponding CLOs
1.Communication for Digital Age Career Effective Listening-Nonverbal Communication-Culture and Communication-Miscommunication	3	Lecture and Class Participation	Test	1
2.Emails To/CC/BCC-Subject Line-Greetings-Body-Closing-Signature-Replying with Down Editing-Vacation Responder-Labels-Attachments-Templates	9	Lecture, Class Participation-Practice	Test	2
3.Business Letter Cover Letter-Positive Message-Negative Message-Direct Strategy-Indirect Strategy	9	Lecture and Class Participation-Practice	Test	2, 3
4.CV-Resume Career Portfolio-LinkedIn-Elevator Pitch	3	Lecture and Class Participation-Practice	Test	3, 4
5.Public Relations and Press Release	3		Test	2
6.Public Speaking	6	Lecture and Practice	Presentation	5
7.Impromptu Speaking	6	Lecture and Practice	Presentation	5
8.Presentation	6	Practice	Presentation	5

Textbook(s)

Guffey, M. E., & Loewy, D. (2016). *Essentials of business communication* (10th ed.). Boston, MA: Cengage Learning.

Assessment and Evaluation

Bloom's Category	Attendance	Assignment	Class Tests	Mid-Term Exam	Final Exam	Total
Remember			10			10
Understand	05	05	10	05	05	30
Apply				05	05	10
Analyze		05	10	05	05	25
Evaluate	05				05	10
Create		10			05	15
Total	10	20	30	15	25	100

Grading System: As per UGC recommendation

ENG-0114-106: ADVANCED ENGLISH SKILLS

Credit Hours: 3

Rationale of the Course:

The course will train the students beyond primary English skills in order to orient them with applied communication with a view to making them ready for real-life business correspondence situations.

Course Objective

This is an integrated-learning course which covers Listening, Speaking, Reading and Writing skills and designs to develop students' confidence and spontaneity in using English in various communication situations, both formal and informal. The focus of the course is on the functional and interactive aspects of the English language acquisition. At the end of the course students will feel competent enough to communicate in a variety of academic and social contexts.

Course Learning Outcomes (CLO)

At the end of the course, students will be able to:

CL01	develop reading skills through extensive reading
CL02	paraphrase information from academic sources distinguishing between main ideas, understanding topic and its details effectively and accurately
CL03	use strategies to listen actively to understand the other persons point of view and to respond with empathy
CL04	give oral presentations in English both in terms of fluency and comprehensibility
CL05	improve public speaking abilities in English, by giving the opportunities to speak in the class, both informally and formally
CL06	develop the awareness of correct usage of English grammar in writing and speaking parallelly
CL07	increase awareness of using correct etiquette in academic writing

Mapping of CLOs to PLOs

	PLO1	PLO2	PLO3	PLO4	PLO5
--	------	------	------	------	------



CLO1	2	3	1	1	2
CLO2	3	2	3	3	3
CLO3	3	3	2	3	3
CLO4	1	2	3	2	1
CLO5	3	3	1	3	3
CLO6	3	3	3	3	3
CLO7	2	3	2	2	2

(Level of integration: 3-High, 2-Medium, 1-Low)

Course Plan: Teaching-Learning & Assessment Strategy mapped with CLOs

Topic	Hours	Teaching-Learning Strategy	Assessment Strategy	Corresponding CLOs
1. Discussion on the basic strategies of Reading Skimming, Scanning	3	Classroom Lectures, doing Classwork from referred texts, Feedback	Lecture & Class Test	CLO1
2. Understanding topic and topic sentence in the passage, find specific information in reading passage	3	Classroom Lectures, doing Classwork from referred texts, Feedback	Lecture & Class Test	CLO2
3. Comprehending relationships between ideas Analyzing written discourse in terms of content, genre	3	Classroom Lectures, doing Classwork from referred texts, Feedback	Lecture	CLO2
4. Listening for main ideas and specific information understanding of speaker's purpose and attitude	3	Classroom lectures on the tips and strategies of Listening information properly, Classwork on Listening Practice and Feedback	Lecture & Class Test	CLO3
5. Understanding spoken data in order to make inferences draw conclusion, identifying stressed words and reductions	3	Classwork on Listening Practice and Problem solution in the class	Lecture	CLO3
6. Listening to obtain and give information greetings, classroom interaction	3	Classwork on Listening Practice and Feedback	Oral Assessment	CLO3
7. Learning how to express ideas and opinions clearly	6	Classroom Lectures, practice on oral presentation in	Lecture with presentation	CLO4

		the class, Feedback		
8.Learning how to organize a friendly class debate with examples	3	Classroom lectures on the pros and cons of a friendly class debate with examples	Lecture With presentation	CL05
9.Learning how to use vocabulary appropriately Producing accurate grammatical forms in writing a paragraph	6	Classroom Lectures on the rules of writing a paragraph, Doing Classwork, Feedback	Lecture & Class Test	CL06
10.Learning to Electronic communication Formal E-mail etiquette	3	Classroom Lectures and presentation on the formal e-mail writing with proper etiquette, doing Classwork, Feedback	Lecture& Class Test	CL07
11.Learning how to write meeting minutes Meetings Terminology	3	Classroom Lectures on the rules of writing a Meeting minutes, doing Classwork, Feedback	Lecture& Class Test	CL07
12.Learning how to write a Cover Letter	3	Classroom Lectures on the rules of writing a Cover Letter, doing Classwork, Feedback	Lecture with Presentation	CL07
13.Learning how to write a Newspaper report	3	Classroom Lectures on the rules of writing a Newspaper Report, doing Classwork, Feedback	Lecture & Class Test	CL07

Textbook(s)

Hartman, Pamela & James Mentel. *A Reading/Writing Book*.

Reference(s)

1. Ediger, Anne & Pavlik, Cheryl. Reading Connections
2. Pinto, Xavier (edited). Art of Effective Writing English
3. Judith Tanka, Paul Most, Lida R. Baker. Interactions 1: Listening/Speaking (BK,1)
Mc Graw Hill



4. Raymond, Murphy. Intermediate English Grammar. Cambridge University Press
5. Swan M. Practical English Usage. Oxford University Press
6. Liz, Soars, Head way Series, Oxford University Press
7. Greenall, S.and Swan M. Effective Reading, Cambridge University Press

Assessment and Evaluation

Bloom's Category	Assignments	Quizzes	Mid-term (Test)	Final-term (Test)	Total
Remember		10	05	05	20
Understand	05		05	10	20
Apply			05	15	20
Analyze			05	10	15
Evaluate			05	05	10
Create	05		05	05	15
Total	10	10	30	50	100

Grading System: As per UGC recommendation

Computer Skills

CAB-0611-101: COMPUTER APPLICATIONS IN BUSINESS

Credit Hours: 3

Rationale of the Course

Through this course, students will gain the essential theoretical and practical knowledge on computer applications used in everyday life, education & learning and business professions. Special emphasis will be put on word processing, spreadsheets, presentation, file management, content creation, database, network management, e-commerce and other integrated applications.

Course Objective

The purpose of this course is to familiarize students with computer terminology, hardware, and software related to the business environment. This course aims to develop students' digital literacy skills to find, use, summarize, evaluate, create, and communicate information using business productivity software applications, and other business oriented digital technologies.

Course Learning Outcomes (CLO)

At the end of the course, students will be able to:

CLO1	Make the students aware about the important link between computers and business
CLO2	Prepare business presentations using text, graphics and/or sound
CLO3	Prepare business documents using Microsoft Word, Excel and Power Point

Mapping of CLOs to PLOs

	PL01	PL02	PL03	PL04	PL05
--	------	------	------	------	------



CLO1	3	3	3	1	2
CLO2	3	3	3	2	2
CLO3	3	3	3	3	1
Average	3	3	3	2	1.67

(Level of integration: 3-High, 2-Medium, 1-Low)

Course Plan: Teaching-Learning & Assessment Strategy mapped with CLOs

Topic	Hours	Teaching-Learning Strategy	Assessment Strategy	Corresponding CLOs
1.Introductory Session	2	Lecture	Test and Exam	1
2.Computer Systems	2	Lecture	Test and Exam	1, 2, 3
3.Looking Inside the Computer System	2	Lecture	Test and Exam	1, 2
4.Interacting with the Computer: Part I	2	Lecture	Test and Exam	1, 2
5.Interacting with the Computer: Part II	2	Lecture	Test and Exam	2, 3
6.Types of Software	2	Lecture	Test and Exam	2, 3
7.Graphics, Multimedia and Networking	2	Lecture	Test and Exam	2, 3
8.Microsoft Word: Practical I	2	Lecture and Practical	Test and Exam	2, 3
9.Class Test # 1 and Feedback	2	Lecture	Test	1
10.Seeing, Hearing and Printing Data	2	Lecture	Test and Exam	2, 3
11.Microsoft Word: Practical II	2	Lecture and Practical	Test and Exam	2, 3
12.Doing Business in the Online World	2	Lecture	Test and Exam	1, 2, 3
13.Security Measures	2	Lecture	Test and Exam	1, 2, 3
14.Types of Storage Devices	2	Lecture	Test and Exam	1, 2, 3
15.Database Management Systems	2	Lecture	Test and Exam	1, 2, 3
16.Microsoft Excel: Practical I	1.5	Lecture and Practical	Test and Exam	2, 3
17.Microsoft Power Point: Practical Part I	1.5	Lecture and Practical	Test and Exam	2, 3

Textbook(s)

Introduction to Computers (2011) Seventh Edition, Peter Norton

Reference(s)

1. Discovering Computers: Digital Technology, Data, and Devices (2018)
2. Misty E. Vermaat, Susan L. Sebok, Steven M. Freund, Jennifer T. Campbell, and Mark Frydenberg

Assessment and Evaluation

Bloom's Category	Attendance (10)	Assignment (10)	Presentation (10)	Class Tests (30)	Mid-Term Exam (15)	Final Exam (25)	Total (100)
Remember				10			10
Understand	05	05	05	10	05	05	35
Apply					05	05	10
Analyze				10	05	05	20
Evaluate	05		05			05	15
Create		05				05	10

Grading System: As per UGC recommendation

DTB -0613-101: DIGITAL TRANSFORMATION IN BUSINESS

Credit Hours: 3

Course Rationale:

The course familiarizes students with the basic information system components to formulate digital transformation strategies based on internal and external environmental scanning. It will also help the future managers to evaluate and choose effective information systems for the organizations to compete and survive in a fast-changing world.

Course Objective

This course presents students to the application of Information Systems (IS) in business and society. It aims to provide students an appreciation of how modern-day and emerging technologies impact the management of businesses, relationships that businesses have with external stakeholders, and products and services that businesses can offer.

Course Learning Outcomes (CLO)

At the end of the course, students will be able to:

CLO1	Explain fundamental Information Systems (IS) components - hardware, software, data, processes and people
CLO2	Analyze both external business environment and internal business model components and processes and explain their importance in formulating digital transformation strategies.
CLO3	Propose how organizations could leverage on IS systems and tools to achieve organizational efficiency and effectiveness and compete in a global marketplace
CLO4	Evaluate the suitability of various IS infrastructure options

Mapping of CLOs to PLOs

	PLO1	PLO2	PLO3	PLO4	PLO5
CLO1	3	1	1	2	1
CLO2	3	1	3	2	3
CLO3	2	3	3	3	1
CLO4	3	3	3	3	1
Average	2.75	2	2.5	2.5	1.5

(Level of integration: 3-High, 2-Medium, 1-Low)

Course Plan: Teaching-Learning & Assessment Strategy mapped with CLOs

Topic	Hours	Teaching-Learning Strategy	Assessment Strategy	Corresponding CLOs
1.An invitation to digital transformation of business	6	Lecture Class participation	Assignment & Test	1
2.The information age accelerates	6	Lecture Case Analysis	Assignment & Test	1, 2
3.The elastic cloud	6	Lecture Group Discussion	Assignment & Test	2, 3
4.Big data	6	Lecture Team project Case Analysis	Test & Quiz	2, 3
5.The AI renaissance	6	Lecture Case analysis	Test & Quiz	2, 3
6.The internet of things	6	Lecture Case Analysis	Test & Quiz	2, 3
7.The digital enterprise and CEO action plan	9	Lecture Case Analysis Team Project Group presentation	Test and Quiz	1,2, 3, 4

Textbook(s)

Siebel, T. M. (2019). Digital transformation: Survive and thrive in an era of mass extinction, RosettaBooks, USA.

Reference(s)

1. Rogers, D. L. (2016). The digital transformation playbook: Rethink your business for the digital age, Columbia Business School Publishing, USA.

Assessment and Evaluation

Bloom's Category	Class attendance and participation	Assignments/ Case Analysis/ Presentation	Quizzes	Mid-Term (Test)	Final-Term (Test)	Total
Remember	10		05			15
Understand	10		05	05		20



Apply		05		05	05	15
Analyze		05	10	05	05	25
Evaluate		05		05	05	15
Create		05			05	10
Total	20	20	20	20	20	100

Grading System: As per UGC recommendation

Numeracy

BUS-0542-211: BUSINESS STATISTICS

Credit Hours: 3

Rationale of the Course:

The course will introduce statistics to the students from a business perspective and help them to get acquainted with basic statistical functions widely used in business operations.

Course Objective

This course will introduce freshman and/or sophomore business students with basic statistical concepts and methods in business applications. It will orient the business students with a new way of looking into data and appreciate its importance. Besides students will also learn to perform rudimentary statistical functions; interpret and communicate the statistical results.

Course Learning Outcomes (CLO)

At the end of the course, students will be able to:

CLO1	Have idea about primary business statistics concepts
CLO2	Have some rudimentary concept regarding how to design a questionnaire and/or interview guide.
CLO3	Have some simple idea regarding ensuring the quality of data
CLO4	Have some basic concept regarding presentation of data
CLO5	Get acquainted with some fundamental statistical data analysis and interpretation

Mapping of CLOs to PLOs

	PLO1	PLO2	PLO3	PLO4	PLO5
CLO1	2	1	2	3	3
CLO2	2	3	2	3	1
CLO3	2	3	2	3	1
CLO4	2	3	2	3	1
CLO5	2	3	2	3	3
Average	2	3	2	3	2

(Level of integration: 3-High, 2-Medium, 1-Low)

Course Plan: Teaching-Learning & Assessment Strategy mapped with CLOs

Topic	Hours	Teaching-	Assessment	Correspon-
-------	-------	-----------	------------	------------



		Learning Strategy	Strategy	ding CLOs
1.Introduction	6	Lecture and Class Participation	Viva	1
2.Collection of Data Sources of Data-Tests of Reliability- Designing the Questionnaire-Variety Types of Questionnaire-Key Points of Designing a Questionnaire- Pre-testing the Questionnaire- Editing Primary Data	9	Lecture and Class Participation	Test	2, 3
3.Presentation of Data Classification of Data-Types of Classification-Formation of Frequency Distribution-Classification according to Class Interval-Exclusive and Inclusive Methods- Principles of Classification	9	Lecture and Class Participation-Practice	Test	4
4.Measures of Central Tendency Objectives of Averaging-Characteristics of a Good Average-Arithmetic Mean-Median-Mode	12	Lecture and Class Participation-Practice	Test	5
5.Measures of Variations Significance of Measuring Variation-Range-Interquartile Range-Average Deviation-Standard Deviation	9	Lecture and Class Participation-Practice	Test	5

Textbook(s)

Gupta, S. P., & Gupta, M. P. Business statistics. Sultan Chand & Sons. (19th Edition)

Assessment and Evaluation

Bloom's Category	Quiz 1/Viva	Quiz 2	Mid Exam	Final Exam	Total
Remember	5				5
Understand	5	5	10	10	30
Apply	5	5	8	8	26
Analyze		10	7	7	24
Evaluate			5	5	10
Create	5				5
Total	20	20	30	30	100



Grading System: As per UGC recommendation

MAT-0021-101: INTERMEDIATE MATHEMATICS

Credit Hours: 3

Rationale of the course:

This course will enable students to apply mathematics in real-life contexts including identifying relevant information, formulating problems in appropriate mathematical terms, selecting and applying tools correctly, finding solutions, and interpreting solutions in the context of a problem.

Course Objective

Goal of this course is to create proficiency on the fundamental concepts of mathematics and its application in business decision making. The objectives of this course are to teach the application of basic mathematical tools in business and to learn the mathematical techniques so that the students will be able to solve the various real life business problems.

Course Learning Outcomes (CLO)

At the end of the course, students will be able to:

CLO1	Acquire knowledge to explain the theory of sets, numbers as well as operation and algebra of sets.
CLO2	Demonstrate the ability to solve the differentiation coefficient, partial differentiation of a given function and apply the chain rule, optimization and curve sketching.
CLO3	Evaluate the Integrals associated with different type of functions with the application of integration
CLO4	Understand and explain the basic concepts of the types of functions.
CLO5	Apply the basic concepts to solve the different matrices form and linear equation
CLO6	Compute the different functions related to coordinate geometry-straight line and circle.

Mapping of CLOs to PLOs

	PLO1	PLO2	PLO3	PLO4	PLO5
CLO1	1	2	1	1	1
CLO2	1	2	1	1	1
CLO3	1	2	1	1	1
CLO4	1	2	1	1	1
CLO5	1	2	1	1	1
CLO6	1	2	1	1	1
Average	1	2	1	1	1

(Level of integration: 3-High, 2-Medium, 1-Low)

Course Plan: Teaching-Learning & Assessment Strategy mapped with CLOs



Topic	Hours	Teaching-Learning Strategy	Assessment Strategy	Corresponding CLOs
1.Set theory and theory of Numbers Sets, Notation, Finite and Infinite sets, Equality of Sets, Null Sets, Singleton, Subset, Proper subset, Comparability, Set of sets, Universal set, Power set, Disjoint set, Venn – Euler Diagram.	6	Classroom Lectures and Feedback	Class Test, Mid Term	1
2.Sets of number, Set operations, Algebra of sets, Application of the set theory Real numbers, Integers, Rational numbers, Natural numbers, Irrational Numbers, Intervals, Properties of Intervals, Infinite Intervals. Union, Intersection, Difference, Complement, Operations and Comparable Sets. Idempotent, Associative, Commutative, Distributive, Identity, Complement and De Morgan’s Laws. Algebra of complex numbers.	6	Classroom Lectures and Feedback	Class Test, Mid Term	1
3.Differentiation The meaning of derivative; Standard derivatives; Product rule, quotient rule and chain rule; Optimization; Curve sketching; Economic applications of the derivative: marginal and profit maximization.	6	Classroom Lectures and Feedback	Class Test, Mid Term, Final Exam	2
4.Integration Indefinite integrals; Definite integrals; Standard integrals; Substitution method; Integration by parts; Partial fractions; Economic applications of integration: Determination of total cost from marginal cost and cumulative changes.	6	Classroom Lectures and Feedback	Mid Term,	3
5.Function Function, Function types, Domain, range of a function, polynomial function, Explicit and Implicit function, Limit of a function, Continuous and discontinuous functions	3	Classroom Lectures and Feedback	Final Exam	4

6. Matrices and linear equations Types of matrices, operations of matrices, properties of matrices, solution of different matrix function, System of linear equations and their expression in matrix form; Solving systems of linear equations using row operations (in the case where there is a unique solution); Some economic/managerial applications of linear equations.	9	Classroom Lectures and Feedback	Assignment, Final Exam	5
7. Coordinate Geometry, Coordinates and Locus, Straight Line, Circle Definition of Cartesian, Polar and spherical coordinate systems, Distance between two points. Definition of function, Equation of a straight line, Slope of a line, Finding slope, Equation in slope form, Intercept form, Linear equation and Angle between two lines. General Equation of circle, Tangent at a given point and Tangent from an outside point	9	Classroom Lectures and Feedback	Assignment, Final Exam	6

Textbook(s)

V K Kapoor and D C Sancheti, “Business Mathematics”, Latest Edition

Reference(s)

- Qazi Zameeruddin, V K Khanna and S K Bhambri**, “Business Mathematics”, Latest Edition
- Robert Smedley, Gary Wiseman**, Introducing Pure Mathematics ,Oxford Publishing
- H. Anton, C. Bivens and S. Davis**, “Calculus”

Assessment and Evaluation

Bloom’s Category	Attendance	Assignment	Class Tests	Mid-Term Exam	Final Exam	Total
Remember			10			10
Understand	05	05	10	05	05	30
Apply				05	05	10
Analyze		05	10	05	05	25
Evaluate	05				05	10
Create		10			05	15
Total	10	20	30	15	25	100

Grading System: As per UGC recommendation

Natural Sciences

ENV-0521-111: Introduction to Environmental Science

Credit Hours: 3

Rationale of the Course:

The course will help to develop the understanding of the students about their surrounding physical environment.

Course Objective

The course provides an overview of the interactions among the physical, chemical and biological components of the environment, with a focus on degradation of the environment related to human activities. It is an interdisciplinary subject that applies knowledge from other disciplines such as economics, law and social sciences.

Course Learning Outcomes (CLO)

At the end of the course, students will be able to:

CLO1	Make the students aware about the important link between environment and society
CLO2	Highlight the importance of environmental issues and factors in maintaining a healthy and productive life.
CLO3	Allow the students to understand that environment is not only a scientific issue, but an important human concern as well

Mapping of CLOs to PLOs

	PL01	PL02	PL03	PL04	PL05
CLO1	2	2	2	2	1
CLO2	2	2	3	2	1
CLO3	1	2	2	2	1
Average	1.67	2	2.33	2	1

(Level of integration: 3-High, 2-Medium, 1-Low)

Course Plan: Teaching-Learning & Assessment Strategy mapped with CLOs

Topic	Hours	Teaching-Learning Strategy	Assessment Strategy	Corresponding CLOs
1. Environmental Problems and Sustainable Development	2	Lecture	Test and Exam	1, 2, 3
2. Ecosystems and Biodiversity	2	Lecture	Test and Exam	1, 2
3. Human Population and Urbanization	2	Lecture	Test and Exam	1, 2, 3



4. Air Pollution	2	Lecture	Test and Exam	1, 2, 3
5. Wildlife Trafficking	2	Lecture	Test and Exam	1, 2, 3
6. Water Resources and Water Pollution	2	Lecture	Test and Exam	1, 2, 3
7. Environmental Resources: Energy and Minerals	2	Lecture	Test and Exam	1, 2, 3
8. Disasters Part I: Natural Disasters	2	Lecture	Test and Exam	1, 2, 3
9. Disasters Part II: Man-made Disasters	2	Lecture	Test and Exam	1, 2, 3
10. Solid and Hazardous Waste Management	2	Lecture	Test and Exam	1, 2, 3
11. Briefing Session 2: Group Assignment	2	Lecture and Participation	Assignment	2, 3
12. Sound Pollution	2	Lecture	Test and Exam	1, 2, 3
13. Food Production and the Environment	2	Lecture	Test and Exam	1, 2, 3
14. Environmental Impact Assessment (EIA)	2	Lecture	Test and Exam	1, 2, 3
15. Climate Disruption and Ozone Depletion	1.5	Lecture	Test and Exam	2, 3
16. Electronic Waste	1.5	Lecture	Test and Exam	2, 3

Textbook(s)

Living in the Environment (2012) 17th Edition, G. Tyler Miller and Scott E. Spoolman

Reference(s)

Environmental Science A Global Concern (2018) 14th Edition, William P. Cunningham and Mary Ann Cunningham

Assessment and Evaluation

Bloom's Category	Attendance (10)	Assignment (10)	Presentation (10)	Class Tests (30)	Mid-Term Exam (15)	Final Exam (25)	Total (100)
------------------	-----------------	-----------------	-------------------	------------------	--------------------	-----------------	-------------



Remember				10			10
Understand	05	05	05	10	05	05	35
Apply					05	05	10
Analyze				10	05	05	20
Evaluate	05		05			05	15
Create		05				05	10

Grading System: As per UGC recommendation

PHY-0533-111: PHYSICS

Credit Hours: 3

Rationale of the course:

The course strengthens quantitative reasoning and problem solving skills of students those are valuable in areas beyond physics.

Course Objective

The main goals of the course are to: increase students' understanding of natural laws in mechanics, electromagnetism, thermal physics, and optics; develop students' curiosity about physical phenomena and enhance students' problem solving and critical thinking skills; enhance students' language proficiency in the domain of scientific discourse, gain an understanding on Physics and its application to everyday life.

Course Learning Outcomes (CLO)

At the end of the course, students will be able to:

CLO1	Make the students aware about the overall importance of physics
CLO2	Highlight the importance of physics in maintaining a functional society
CLO3	Allow the students to understand that physics is not only a scientific issue, but an important human concern as well

Mapping of CLOs to PLOs

	PLO1	PLO2	PLO3	PLO4	PLO5
CLO1	2	2	2	2	1
CLO2	2	2	3	2	1
CLO3	1	2	2	2	1
Average	1.67	2	2.33	2	1

(Level of integration: 3-High, 2-Medium, 1-Low)

Topic	Hours	Teaching-Learning Strategy	Assessment Strategy	Corresponding CLOs
1. Introduction to Physics	2	Lecture	Test and Exam	1, 2, 3
2. Potential Energy and Conservation of Energy:	2	Lecture	Test and Exam	1, 2



Part I				
3. Potential Energy and Conservation of Energy: Part II	2	Lecture	Test and Exam	1, 2, 3
4. Newton's Laws of Motion: Part I	2	Lecture	Test and Exam	1, 2, 3
5. Newton's Laws of Motion: Part II	2	Lecture	Test and Exam	1, 2, 3
6. Work, Energy and Momentum: Part I	2	Lecture	Test and Exam	1, 2, 3
7. Work, Energy and Momentum: Part II	2	Lecture	Test and Exam	1, 2, 3
8. Rotation	2	Lecture	Test and Exam	1, 2, 3
9. Temperature and Heat	2	Lecture	Test and Exam	1, 2, 3
10. First Law of Thermodynamics	2	Lecture	Test and Exam	1, 2, 3
11. Second Law of Thermodynamics	2	Lecture	Test and Exam	1, 2, 3
12. Waves and Vibrating Bodies	2	Lecture	Test and Exam	1, 2, 3
13. Nature and Propagation of Light	2	Lecture	Test and Exam	1, 2, 3
14. Interference and Diffraction: Part I	1.5	Lecture	Test and Exam	2, 3
15. Interference and Diffraction: Part I	1.5	Lecture	Test and Exam	2, 3

Textbook(s)

Hugh D. Young . University Physics with Modern Physics. Pearson.

Reference(s)

James S. Walker. Physics. Pearson.

Assessment and Evaluation

Bloom's Category	Attendance	Assignment	Class Tests	Mid-Term Exam	Final Exam	Total
Remember			10			10
Understand	05	05	10	05	05	30
Apply				05	05	10
Analyze		05	10	05	05	25
Evaluate	05				05	10
Create		10			05	15
Total	10	20	30	15	25	100



Grading System: As per UGC recommendation

PSY-0303-111: PSYCHOLOGY

Credit Hours: 3

Rationale of the course:

This course will allow students to demonstrate acquisition of both factual knowledge of psychology and the ability to conceptualize and apply the knowledge to their own behavior, to ways of interacting with others, and to their roles in culture and society.

Course Objective

The course will examine the different models upon which modern psychology has been built, along with such things as the history and origins of psychology, research methods, biological aspects of psychology, human development, perception, consciousness, learning, personality theory, and psychological disorders.

Course Learning Outcomes (CLO)

At the end of the course, students will be able to:

CLO1	Make the students aware about the overall importance of psychology
CLO2	Highlight the importance of psychology in maintaining a functional society
CLO3	Allow the students to understand that psychology is not only a scientific issue, but an important human concern as well

Mapping of CLOs to PLOs

	PLO1	PLO2	PLO3	PLO4	PLO5
CLO1	2	2	2	2	1
CLO2	2	2	3	2	1
CLO3	1	2	2	2	1
Average	1.67	2	2.33	2	1

(Level of integration: 3-High, 2-Medium, 1-Low)

Course Plan: Teaching-Learning & Assessment Strategy mapped with CLOs

Topic	Hours	Teaching-Learning Strategy	Assessment Strategy	Corresponding CLOs
1. Introduction to Psychology: Part I	2	Lecture	Test and Exam	1, 2, 3
2. Introduction to Psychology: Part II	2	Lecture	Test and Exam	1, 2
3. Biological Aspects of Psychology: Part I	2	Lecture	Test and Exam	1, 2, 3
4. Biological Aspects of Psychology: Part II	2	Lecture	Test and Exam	1, 2, 3



5. Perception: Part I	2	Lecture	Test and Exam	1, 2, 3
6. Perception: Part II	2	Lecture	Test and Exam	1, 2, 3
7. Perception: Part III	2	Lecture	Test and Exam	1, 2, 3
8. Psychology of Learning: Part I	2	Lecture	Test and Exam	1, 2, 3
9. Psychology of Learning: Part II	2	Lecture	Test and Exam	1, 2, 3
10. Psychology of Memory: Part I	2	Lecture	Test and Exam	1, 2, 3
11. Psychology of Memory: Part II	2	Lecture	Test and Exam	1, 2, 3
12. Personality: Part I	2	Lecture	Test and Exam	1, 2, 3
13. Personality: Part II	2	Lecture	Test and Exam	1, 2, 3
14. Motivation and Emotion: Part I	1.5	Lecture	Test and Exam	2, 3
15. Motivation and Emotion: Part II	1.5	Lecture	Test and Exam	2, 3

Textbook(s)

Bernstein, D. A. Penner, L. A., Clarke-Stewart, A., & Roy, E. J. Psychology. USA: Cengage Learning Inc.

Reference(s)

1. Zimbardo, P. G. Johnson, R. L. & Vivian, M. Psychology: Core Concepts. Pearson.
2. Baron, R. A. Psychology. Pearson.

Assessment and Evaluation

Bloom's Category	Attendance (10)	Assignment (10)	Presentation (10)	Class Tests (30)	Mid-Term Exam (15)	Final Exam (25)	Total (100)
Remember				10			10
Understand	05	05	05	10	05	05	35
Apply					05	05	10
Analyze				10	05	05	20
Evaluate	05		05			05	15
Create		05				05	10

Grading System: As per UGC recommendation



Social Sciences

SOC-0314-111: INTRODUCTION TO SOCIOLOGY

Credit Hours: 3

Rationale of the course:

The course will develop students' ability to demonstrate knowledge of sociological concepts as they apply to the interplay among individuals, groups, and societies.

Course Objective

The course is designed to familiarize students to the sociological study of society including the interplay between the individual and society, how society is both stable and changing, the causes and consequences of social inequality, and the social construction of human life. Understanding sociology helps discover and explain social patterns and see how such patterns change over time and in different settings.

Course Learning Outcomes (CLO)

At the end of the course, students will be able to:

CL01	Develop understanding of the fundamentals of sociological concepts and perspectives
CL02	Summarize and evaluate complex arguments by key thinkers in the fields of Sociology and model attentiveness to matters impacting equality, social justice and the rights of all persons
CL03	Gain the ability to apply domain specific knowledge to explain the contemporary issues in sociology in local, regional and global context
CL04	Acquire the capacity of critical reflection on contemporary society along with the ability to disseminate knowledge through practice of independent reading, writing and other discursive practices
CL05	Demonstrate a grasp of the reciprocal relationship between the individual and society developing a deep respect for all individuals regardless of race, gender, religion or sexual orientation

Mapping of CLOs to PLOs

	PLO1	PLO2	PLO3	PLO4	PLO5
CL01	3	3	3	2	1
CL02	3	3	2	3	1
CL03	3	3	3	3	3
CL04	3	2	3	2	1
CL05	2	3	2	3	1
Average	2.8	2.8	2.6	2.6	1.4

(Level of integration: 3-High, 2-Medium, 1-Low)

Course Plan: Teaching-Learning & Assessment Strategy mapped with CLOs

Topic	Hours	Teaching-Learning Strategy	Assessment Strategy	Corresponding CLOs
-------	-------	----------------------------	---------------------	--------------------



1. The Sociological Perspective Sociology as a field of inquiry, The Sociological Perspective, Central Sociological Concepts, The Emergence of Sociology, Sociological Theory	6	Lecturing with audio- visual aid and various Pair/ Group work	Written exam/report /assignment /presentation	1
2. Research Methods The Research Process, Methods of Inquiry, Probability and Statistical Analysis, Research Ethics.	3	Lecturing with audio- visual aid and various Pair/ Group work	Written exam/report /assignment /presentation	1
3. Culture Group influence, The Social Construction of the Self, Characteristics and Elements of Culture, Cultural Diversity, Culture in Society.	6	Lecturing with audio- visual aid and various Pair/ Group work	Written exam/report /assignment /presentation	1
4. Socialization The Social Construction of the Self, Theories of Socialization, Agents of Socialization, Socialization over the Life Course.	6	Lecturing with audio- visual aid and various Pair/ Group work	Written exam/report /assignment /presentation	1
5. Social Organization Building Blocks, Social Differentiation, Ways of organizing cooperation, Historical and contemporary examples, Bureaucracy as a solution to weaknesses of kinship-based structures, Markets as social organizations (economic sociology).	6	Lecturing with audio- visual aid and various Pair/ Group work	Written exam/report /assignment /presentation	1 & 2
6. Social Inequalities Social Class and Social Stratification, Race and Ethnicity, Gender, Age.	6	Lecturing with audio- visual aid and various Pair/ Group work	Written exam/report /assignment /presentation	1, 2 &3
7. Deviance and Conformity Sociological Definitions of Deviance, Costs and Benefits of Deviance, Deviant Identities, Measuring Crime, Race, Class, Gender, and Crime, Criminal Justice System.	6	Lecturing with audio- visual aid and various Pair/ Group work	Written exam/report /assignment /presentation	3 & 4

8. Social Institutions Family, Education, Religion, Work, Economy, Power, Politics, and Government, Media and Culture, Health.	3	Lecturing with audio- visual aid and various Pair/ Group work	Written exam/report /assignment /presentation	3 & 4
9. Social Change Population, Urbanization and the Environment, Collective Behavior and Social Movements, Causes and Consequences of Social Change, Theories of Social Change.	3	Characteristic of social stratification	Written exam/report /assignment /presentation	3 & 4

Textbook(s)

Giddens, A., Duneier, M., Appelbaum, R. P., & Carr, D. S. Introduction to Sociology. W.W. Norton & Company.

Reference(s)

1. Wolfe, C., & Callahan, J. S. (2017). Introduction to sociology. University System of Georgia.
2. Sutherland, R., & Woodward, J. Introduction to sociology. Chicago: Lippincott.
3. Cragun, R., & Cragun, D. Introduction to sociology. Seven Treasures Publication.

Assessment and Evaluation

Bloom's Category	Assignments and Participation	Exam 1	Mid-term	Final-term	Total
Remember	05		05	05	15
Understand	05	05	05	05	20
Apply	05	05	05	05	20
Analyze	05	05	05	05	20
Evaluate		05	05	05	15
Create			05	05	10
Total	20	20	30	30	100

Grading System: As per UGC recommendation

HEA-0923-101: Health and Society

Credit Hours: 3

Rationale of the Course:

The course will help to develop the understanding of the students about the link between society and human health.

Course Objective



The course provides an overview of the relation between health and society. It explores how broad social, cultural and economic factors in society affect health. The course is designed to provide students with a way of thinking about human health from broader perspectives.

Course Learning Outcomes (CLO)

At the end of the course, students will be able to:

CLO1	Make the students aware about the important link between health and society
CLO2	Highlight the importance of social issues and factors in maintaining a healthy and productive life
CLO3	Allow the students to understand that health is not only a medical issue, but an important social concern as well

Mapping of CLOs to PLOs

	PLO1	PLO2	PLO3	PLO4	PLO5
CLO1	2	2	2	2	1
CLO2	2	2	2	2	1
CLO3	1	2	2	2	1
Average	1.67	2	2	2	1

(Level of integration: 3-High, 2-Medium, 1-Low)

Course Plan: Teaching-Learning & Assessment Strategy mapped with CLOs

Topic	Hours	Teaching-Learning Strategy	Assessment Strategy	Corresponding CLOs
1. Health and Wellness	2	Lecture	Test and Exam	1, 2, 3
2. Disease and Health: A Holistic Perspective	2	Lecture	Test and Exam	1, 2, 3
3. Health and Environmental Hazards	2	Lecture	Test and Exam	1, 2, 3
4. Health and Safety: Part I	2	Lecture	Test and Exam	1, 2, 3
5. Health and Safety: Part II	2	Lecture	Test and Exam	1, 2, 3
6. Mental Health and Stigma	2	Lecture	Test and Exam	1, 2, 3
7. Stress Management and Bullying	2	Lecture	Test and Exam	1, 2, 3
8. Nutrition, Health and Food Contamination	2	Lecture	Test and Exam	1, 2, 3
9. Exercise and Weight Management	2	Lecture	Test and Exam	1, 2, 3
10. Addiction Part I:	2	Lecture	Test and Exam	1, 2, 3

Substance Abuse				
11. Addiction Part II: Technology Addiction	2	Lecture	Test and Exam	1, 2, 3
12. Technology in Health	2	Lecture	Test and Exam	1, 2, 3
13. Sleep and Health	2	Lecture	Test and Exam	1, 2, 3
14. Health Systems and Health Policy in the 21 st Century	1.5	Lecture	Test and Exam	1, 2, 3
15. Ethical and Human Rights Concerns in Global Health	1.5	Lecture	Test and Exam	1, 2, 3

Textbook(s)

Global Health 101 (2020) Fourth Edition, Richard Skolnik

Reference(s)

1. Introduction to Public Health (2017) Fifth Edition, Mary-Jane Schneider
2. Health The Basics (2019) Thirteenth Edition, Rebecca J. Donatelle

Assessment and Evaluation

Bloom's Category	Attendance (10)	Assignment (10)	Presentation (10)	Class Tests (30)	Mid-Term Exam (15)	Final Exam (25)	Total (100)
Remember				10			10
Understand	05	05	05	10	05	05	35
Apply					05	05	10
Analyze				10	05	05	20
Evaluate	05		05			05	15
Create		05				05	10

Grading System: As per UGC recommendation

ANT-0314-111: ANTHROPOLOGY

Credit Hours: 3

Rationale of the course:

This course aims to construct a holistic understanding of the human species among students through integrating cultural, biological, evolutionary, linguistic and historical aspects of human kind.



Course Objective

This course is designed to provide the students with an introduction to the discipline of Anthropology, teach them with the course key concepts, institutions. at the major concepts, like culture, groups, socialization, deviance and social control. It also deals with social inequality in terms of social stratification, ethnic groups, Families, kinship and Descent, Human Diversity and Race, Criteria for Classification of races. Classification of races gender and of age, religion, education, economy and government and politics. Population, environment, urbanization and finally with collective behavior and social movements and social change. It also teaches definition & branches of Anthropology including Physical Anthropology, Social and Cultural Anthropology, Archaeology.

Course Learning Outcomes (CLO)

At the end of the course, students will be able to:

CL01	develop understanding of the fundamentals of anthropological concepts and perspectives summarizing and evaluating complex arguments by key thinkers in the fields of anthropology
CL02	describe how evolutionary and historical processes have shaped primates and human ancestors and lead to the biological, behavioral, and cultural diversity seen in the present
CL03	describe how cultural systems construct reality differently for various human groups
CL04	communicate anthropological knowledge effectively through written, oral and data presentation in varying formats for diverse audiences
CL05	discuss human diversity and how knowledge about human diversity should lead to a better understanding of and therefore respect for people whose culture differs from ours

Mapping of CLOs to PLOs

	PLO1	PLO2	PLO3	PLO4	PLO5
CL01	1	2	2	2	3
CL02	1	2	2	2	2
CL03	1	2	2	2	3
CL04	1	2	2	3	3
CL05	2	3	3	3	3
Average	1.2	2.2	2.2	2.4	2.8

(Level of integration: 3-High, 2-Medium, 1-Low)

Course Plan: Teaching-Learning & Assessment Strategy mapped with CLOs

Topic	Hours	Teaching-Learning Strategy	Assessment Strategy	Corresponding CLOs
1. Introduction Anthropology definition, Overview of cultural anthropology: methods, goals, history, Ethnography & participant observation.	4	Lecture & Class Participation	Quiz	1
2. Major Branches of Anthropology	6	Lecture & Class	Test & Quiz	1, 2



Biological Anthropology, Social Cultural Anthropology, Archaeological Anthropology, Linguistic Anthropology.		Participation		
3. Human Origins Physical Anthropology, Human history or evolution, Homo sapiens, Old world culture, Race and human variation, Problem of race, Pattern of life, Cultural evolution, Multi-linear evolution, Universal and multi-linear evolution comparison.	5	Lecture with audio-visual aid	Test & Quiz	1, 2, 3
4. Culture, Language & Ethnography Definition and meaning of culture, Characteristics of culture, Existence and culture, Relationship between culture with society, Culture and the individual, Culture and change, Origins of language, Languages within the framework of life, Language and conceptualization of culture, Process of learning a language.	5	Lecture & Group Discussion	Test & Quiz	2, 3
5. Provisioning (Economics) Production mode of hunting and concocting, Development of energy, Rice-field agriculture, Production mode of slash and burn agriculture, Production mode of livestock farming.	5	Lecture & Class Participation	Test & Assignment	1, 2, 3, 5
6. Reproduction (Kinship) Concepts of Kinship, Exogamy and Endogamy, Principles of Descent, Types and Functions of Descent, Definitions, Types and Functions of Marriage Systems, Alliance and Descent, Regulation of Marriage, Incest Prohibition, Preferential, Prescriptive, Proscriptive, Levirate, Sororate, Types and Forms of Marital transactions, Post-marital residence, Definition	4	Lecture	Test & Assignment	1, 4

and Typology of Family, Domestic Groups, Basic structures and functions.				
7. Religion and Society Types of religion, Religions and social stability, Religion and family, Religion and social change, Formation of attitudes and mentality, Social sciences, Psychology, Types of religious organizations, Religion and magic, Religion and taboos, Culture and personality, Freud's influence, what is art, Art and culture, Art and politics, Art and its evolution.	5	Lecture with audio-visual aid	Test & Assignment	1, 4,5
8. City & Village Anthropology Concept of urbanization, Types and images of world's cities, Village conceptualization, Moral economy of farmers, Dilemma of the peasantry, Ideology of the peasant movement, Resistance of the peasantry.	6	Lecture	Test & Quiz	1, 2, 4, 5
9. Future of Anthropology Contemporary studies of anthropology, Modern ethnicity, Anthropology among other social sciences, Anthropology and globalization, Global trends, Influence of globalization.	5	Lecture & Class Participation	Test	1, 4

Textbook(s)

1. William A. Haviland, Harald E.L. Prins, Dana Walrath. *An Introduction to Anthropology*. Cengage Learning.
2. D. N. Majumdar & T. N. Madan. *An Introduction to Social Anthropology*. Mayur.

Reference(s)

1. Kottak, Conrad Phillip. *Anthropology: The Exploration of Human Diversity*.
2. Yuval Noah Harari. *Sapiens: A Brief History of Humankind*. Random House.

Assessment and Evaluation



Bloom's Category	Assignments	Quizzes	Mid-term	Final-term	Total
Remember		10	05	05	20
Understand	05	05	05	05	20
Apply	05	05		10	20
Analyze	05		05	05	15
Evaluate			05	10	15
Create	05			05	10
Total	20	20	20	40	100

Grading System: As per UGC recommendation

SOC-0111-301: SOCIAL SCIENCE RESEARCH METHODS

Credit Hours: 3

Rationale of the course:

This course will teach students a variety of research approaches, tools, and techniques, for collecting and analyzing qualitative or quantitative data.

Course Objective

This course is designed to provide the students the skills required to design and conduct social research

Course Learning Outcomes (CLO)

At the end of the course, students will be able to:

CLO1	Design social research
CLO2	Collect qualitative and quantitative data required for social research
CLO3	Analyze and interpret data to draw inferences

Mapping of CLOs to PLOs

	PLO1	PLO2	PLO3	PLO4	PLO5
CLO1	1	2	1	1	2
CLO2	2	2	2	3	3
CLO3	3	3	1	2	3

(Level of integration: 3-High, 2-Medium, 1-Low)

Course Plan: Teaching-Learning & Assessment Strategy mapped with CLOs

Topic	Hou rs	Teaching- Learning Strategy	Assessment Strategy	Correspon ding CLOs
1. Introduction Definition Social sciences research, Dimensions of social sciences research: Sociological, Ontological, Teleological, Epistemological and Methodological.	3	Lecture	Test	1
2.Perspectives, Paradigms, Methodologies and Methods	3	Lecture & Class Participation	Assignment & Test	1

Theoretical perspectives, Dominant paradigms, Perception of reality, Nature of science, Purpose of social research, Quantitative methodology, Qualitative Methodology, Similarities and differences of the two methodologies.				
3. Basic Concepts in Research Unit of analysis: Variables-Independent, Dependent, Intervening, Control, Discrete and Continuous, Sampling frame, Hypothesis, Kinds of research: Descriptive, Exploratory, Comparative, Explanatory: Causal and Experimental, and Evaluative.	3	Lecture & Group Discussion	Assignment & Test	1
4. Research Process Research model for quantitative research, Basic assumptions, Contents of the research, Purpose of the research model, Structure of the model, Steps in the research model, Research design in qualitative methodology: Conceptual frameworks, Using existing sources of data /documentary research, Using official, Archival and other personal documents, Obtaining and classifying documents, Content analysis.	3	Lecture	Test & Quiz	1
5. Qualitative Research Model Fieldwork: When to adopt fieldwork, Stages involved, Techniques in fieldwork, Participant observation: types of participation in the field, Interviews: Elements of the structured interview, Elements of the unstructured, Interview interviewing rules for researchers: Clinical interview, Advantages and disadvantages of different kinds of interviews, Case study method: Kinds and characteristics, Validity of qualitative methods: Internal and external, Triangulation in research.	3	Lecture	Test & Quiz	2
6. Qualitative Research Application Theory development, Defining important variables, Hypothesis generation.	3	Lecture	Test & Quiz	2
7. Quantitative Methods (Survey	3	Lecture	Test and Quiz	2

Methods) Types of surveys, census cross sectional longitudinal research, Trend analysis, Sampling in survey research, Questionnaire design, Survey in developing countries, Advantages and disadvantages of survey research.				
8. Sampling Logic of inference, Probability and non probability sampling, Types of sampling design, Factors affecting choice of sample, Problems of sampling in developing countries.	3	Lecture and Group Discussion	Test	1 & 2
9. The Experiment The controlled experiment, The laboratory experiment, The quasi-experiment, Advantages and disadvantages of experimentation.	3	Lecture & Group Discussion	Assignment & Test	1 & 2
10. Statistics: Descriptive Statistics Why study statistics, Survey methods and statistics, Basic descriptive statistics: Percentages and proportions, Ratios and rates, Charts, graphs, histograms, Construction of frequency distributions for ordinal and nominal data, Grouped frequency distributions for interval and ratio variables: Class intervals, class limits and midpoints, Cumulative distributions: Cumulative frequencies and percentages, Dealing with decimal data, Percentages.	3	Lecture & Group Discussion	Assignment & Test	2 & 3
11. Measures of Central Tendency The mean, mode and the median, Limitations and strengths of the three, Comparing the mode, mean, median, use depending on: Level of measurement, Shape and form of distribution, Research objective, Mode, mean and median from simple frequency distributions and grouped distributions, Deciles, quartiles and percentiles.	3	Lecture & Group Discussion	Assignment & Test	3
12. Measures of Variability The range and its' limitations, Mean deviation, Variance and standard	3	Lecture & Group Discussion	Assignment & Test	3

deviation from simple and grouped frequencies.				
13. Normal Distribution Characteristics of the normal distribution, Area under the curve, Standard/ Z cores and the normal curve, Calculating Z scores and confidence intervals.	3	Lecture & Group Discussion	Assignment & Test	3
14. Inferential Statistics: From Description to Decision-Making Testing hypothesis about two independent means & two dependent means, Steps in testing a hypothesis, Student t-test, using and interpreting the t-distribution, Testing about independence, Chi-square test, ANOVA& MANOVA.	3	Lecture & Group Discussion	Assignment & Test	3
15. Measures of Association Correlation–weak, and strong and curvilinear relationships, Correlation coefficient, Correlation and hypothesis testing, Testing for the significance of Pearson’s R. Spearman’s Rho, Linear and multiple regression.	3	Lecture & Group Discussion	Assignment & Test	3

Textbook(s)

Saunders, M. et al. Research Methods for Business Studies. London: Pitman publishers.

Reference(s)

1. Bryman, A. Social Research Methods. Oxford University Press.
2. Bhattacharjee, A. Social Science Research: Principles, Methods, and Practices. Independent Publishing.

Assessment and Evaluation

Bloom’s Category	Assignments	Quizzes	Mid-term	Final-term	Total
Remember		10	05	05	20
Understand	05		05	10	20
Apply			05	15	20
Analyze			05	10	15
Evaluate			05	05	10
Create	05		05	05	15
Total	10	10	30	50	100

Grading System: As per UGC recommendation



BUS -0114-201: INTRODUCTION TO BUSINESS

Credit Hours: 3

Rationale of the Course

This course allows the student to get a good understanding of the basics of the business world, how to conduct business profitably, how to create business opportunities, solve problems and apply leadership and management skills.

Course Objective

Introduction to Business is designed to expose the students to many functions of modern business. The course shows the student how these functions exist in a changing society and the type of decisions which must be made within that environment. The course is also designed to expose the student to the multitude of career fields in the areas of business.

Course Learning Outcomes (CLO)

At the end of the course, students will be able to:

CLO1	Recognize and use business-relevant vocabulary
CLO2	Explain the different economic systems and the key economic indicators
CLO3	Describe how businesses operate in our modern political, social, and economic environment
CLO4	Present a general background in the elements and characteristics of business enterprise
CLO5	Discuss the many aspects of business functions such as management, organization, human relations, marketing, finance, and ethics
CLO6	Explain the role of profits in our economic system

Mapping of CLOs to PLOs

	PLO1	PLO2	PLO3	PLO4	PLO5
CLO1	3	3	3	2	1
CLO2	3	3	2	3	1
CLO3	3	3	3	3	3
CLO4	3	2	1	2	1
CLO5	3	3	2	3	1
CLO6	3	1	2	3	3

(Level of integration: 3-High, 2-Medium, 1-Low)

Course Plan: Teaching-Learning & Assessment Strategy mapped with CLOs

Topic	Hours	Teaching-Learning Strategy	Assessment Strategy	Corresponding CLOs
1. Meeting the Challenge of Today's Dynamic Business Environment Business and Entrepreneurship- Entrepreneurship Vs Working for others- The Business Environment - The Economic Environment - the	6	Lecture	Exam 1	1,3,6



Technological Environment - The Competitive Environment- The Social Environment- The Global Environment.				
2. How Economics Affects Business How Economic conditions affect Businesses- Understanding Free-Market Capitalism- Understanding Socialism-Understanding Communism- Understanding the Economic System of Bangladesh.	6	Lecture	Exam 1	2
3. Demonstrating Ethical Behavior and Social Responsibility Ethics is more than Legality- Managing Business Ethically and Responsibly, Setting Corporate Ethical Standards- Corporate Social Responsibility- International Ethics and Social Responsibility.	6	Lecture & Class Participation	Mid term and assignment	5
4. Forms of Business Ownership and Formation Procedures of Companies Sole Proprietorships, Partnerships- Corporations- Corporate Expansion- Special form of business ownership- Franchises- Cooperatives.	6	Lecture & Class participation	Mid term and assignment	4
5. Entrepreneurship and starting a Small Business The Age of Entrepreneur- Why take Entrepreneurial challenge- Getting started in Small Business- Managing a Small Business- Going International.	6	Lecture, Problem solving	Assignment and Mid term	4
6. Management, Leadership, and employee empowerment Managerial Challenges - Functions of Management- Planning, Organizing- Leading- Controlling.	9	Lecture, Problem solving	Final term	5
7. Marketing. Customer and Stakeholder Relationship Marketing Marketing- The Marketing Mix- Providing Marketers with Information, The Consumer Market- The Business-to-Business Market-	6	Lecture, Problem solving	Final term	5

Updating the Marketing Concept- Establishing Relationships with Stakeholder.				
8. Financial Management Role of Finance and Financial Managers- Financial Planning-Need for Operating Funds- Obtaining Short Term Financing and Long term financing- Importance of Money.		Lecture, Problem solving	Final term	5

Textbook(s)

Understanding Business, by Nickels, Mchugh & Mchugh. Publishes by McGraw-Hill Irwin.

Reference(s)

1. Business a changing world, Ferrell,O.C., Hirt, G., and Ferrell, L. Published by New York, NY: McGraw Hill.

2. Introduction to Business By Jeff Madura, Published by South-Western.

Assessment Procedure:

Bloom's Category	Assignments and Participation	Exam 1	Mid-term	Final-term	Total
Remember	05			05	10
Understand	05	05	05	05	20
Apply	05	05	05	05	20
Analyze	05	05	05	05	20
Evaluate	05	05	05	05	20
Create	05			05	10
Total	30	20	20	30	100

Grading System: As per UGC recommendation

ETH-0223-201: ETHICS, RESPONSIBILITY, AND SUSTAINABILITY IN BUSINESS

Credit Hours: 3

Course Rationale:

This course aims at applying the moral principles to the evaluation and judgment of complex ethical and sustainability issues in contemporary business arena.

Course Objective:

This course discusses how to conduct business ethically. Students will learn how to develop and implement policies and procedures regarding topics such as fraud, bribery, discrimination, and corporate governance. They will understand how to link society, economy, and environment together. Social responsibility encourages the business to get involved in the community and other philanthropic initiatives. Sustainable management provides plans that can improve multiple parts of people's lives, environment, and future generations.



Course Learning Outcomes (CLO): After completing the course, the student should be able to:

CLO1	explain the features of the global business environment based on business-society and business-environment relationships
CLO2	identify the interconnections between the economic, social, political and ecological spheres of human activity
CLO3	apply various ethical frameworks to certain situations, develop a vocabulary for discussing ethical issues, and apply ethical thinking to business situations

Mapping of CLOs to PLOs

	PLO1	PLO2	PLO3	PLO4	PLO5
CLO1	3	2	3	1	1
CLO2	3	2	3	1	2
CLO3	3	2	3	2	1

(Level of integration: 3-High, 2-Medium, 1-Low)

Course Plan: Teaching-Learning & Assessment Strategy mapped with CLOs:

Topic	Hrs	Teaching-Learning Strategy	Assessment Strategy	Corresponding CLOs
1. Introducing Business Ethics: Definition and importance of business ethics, Business ethics in different organizational contexts, Globalization: A key context for business ethics, Sustainability: A key goal for business ethics	3	Lecture & Discussion	1 st Term and Midterm	1
2. Framing Business Ethics: Corporate Responsibility, Stakeholders and Citizenship: What is corporation, Corporate social responsibility, Stakeholder theory of the firm, Corporate citizenship-the firm as a political actor	4.5	Lecture & Discussion	1 st Term and Midterm	2
3. Evaluating Business Ethics: Normative Ethical Theories: The role of ethical theory, Normative ethical theories and religion, Western modernist ethical theories,	4.5	Lecture & scenario analysis	1 st Term and Midterm	1, 2

Alternative perspectives on ethical theory				
4. Managing Business Ethics: Tools and Techniques of Business Ethics Management: Business ethics management, Setting standards of ethical behavior, Managing stakeholder relations, Assessing ethical performance, Environmental management, Organizing for business ethics management	4.5	Lecture & scenario analysis	1 st Term B and Midterm	
5. Stakeholders and Business Ethics: Reassessing the importance of shareholders and stakeholders, Ethical issues in corporate governance, Shareholders and globalization, Shareholders as citizens of the corporation, Shareholding for sustainability	4.5	Lecture & in-class activity	Assignment and Midterm	1, 2
6. Employees and Business Ethics: Employees and other workers as stakeholders, Ethical issues in the employment relationship, Employing people worldwide: the ethical challenges of globalization, The corporate citizen and employee relations, Towards sustainable employment	4.5	Lecture & scenario analysis	Final	1, 2
7. Consumers and Business Ethics: Consumers as stakeholders, Ethical issues, marketing and the consumer, Globalization and consumers: the ethical challenges of the global marketplace, Consumers and corporate citizenship: consumer sovereignty and the politics of	3	Lecture & scenario analysis	Final	1, 2

purchasing, Sustainable consumption				
8. Suppliers, Competitors and Business Ethics: Suppliers and competitors as stakeholders, Ethical issues and suppliers, Ethical issues ad competitors, Globalization, suppliers and competitors: the ethical challenges of global production networks, The corporate citizen in business-to-business relationships: ethical sourcing and fair trade, Sustainability and business relationships: towards industrial ecosystems	4.5	Lecture & discussion	Assignment and Final	1, 2
9. Civil Society and Business Ethics: Civil society organizations as stakeholders, Ethical issues and CSOs, Globalization and civil society organizations, Corporate citizenship and civil society: charity, collaboration, enterprise or regulation, Civil society, business and sustainability	4.5	Lecture and in-class activity	Final	1, 2
10. Government, Regulation and Business Ethics: Government as stakeholder, Ethical issues in the relationship between business and government, Globalization and business-government relations, Corporate citizenship and regulation: business as key player in the regulatory game, Governance, business and sustainability	3	Lecture & scenario analysis	Final	1, 2
11. Future perspectives: The nature and scope of business ethics, Globalization as a context for business ethics, Sustainability as a goal for business ethics, Corporate citizenship and business ethics, The contribution of normative ethical theories to business ethics, Influence on ethical decision making, The role	4.5	Lecture & Presentation	Final	3

of management tools in business ethics, The role of different stakeholder constituencies in business ethics, Trade-offs and conflicts between different stakeholder groups				
--	--	--	--	--

Textbook(s)

Crane, A. and Matten, D. (2019) Business ethics: managing corporate citizenship and sustainability in the age of globalization (5th ed.). Oxford: Oxford University Press

Reference(s)

1. Boatright, J. R. (2007). Ethics and conduct of business (5th ed.). Upper Saddle River, NJ: Prentice Hall.
2. Blowfield, M. (2013). Business and sustainability. Oxford: Oxford University Press

Assessment and Evaluation:

Bloom's Category	Class Performance	Assignment/ presentation	1 st Term	Mid-term	Final	Total
Remember			05	05	05	15
Understand	03		05	05	05	18
Apply	03	05	05	05	10	28
Analyze		05	05	05	05	20
Evaluate				05	05	10
Create	04				05	09
Total	10	10	20	25	35	100

Grading System: As per UGC recommendation

Humanities

BDS-0114-101: BANGLADESH STUDIES

Credit Hours: 3

Rationale of the Course

This course aims at helping the undergrad students to learn the ancient, classical, late classical, medieval, and modern history of Bangladesh, to comprehend current Bangladesh in the light of history and to provide them with the basic knowledge of contemporary politics and economy of the country.



Course Objective

The course aims to prepare students with factual knowledge and analytical skills that will enable them to learn and critically appreciate history, politics, economy and society of Bangladesh. It will focus on the historical root of Bangladesh as an independent state focusing on the social, economic and political developments that have taken place since its independence. It will also identify the major socio-economic, political, environmental and developmental issues that have arisen during this period, before assessing the progress over time.

Course Learning Outcomes (CLO)

At the end of the course, students will be able to:

CLO1	Categorize different stages of political history of Bangladesh
CLO2	Understand the reasons for liberation war and significance of constitution
CLO3	Have a comprehensive knowledge on social and environmental issues of Bangladesh
CLO4	Bangladesh Foreign Policy: Realities and Challenges

Mapping of CLOs to PLOs

	PLO1	PLO2	PLO3	PLO4	PLO5
CLO1	3	3	3	2	3
CLO2	3	2	3	2	2
CLO3	3	3	2	2	3
CLO4	3	2	3	2	1
Average	3	2.5	2.75	2	2.25

(Level of integration: 3-High, 2-Medium, 1-Low)

Course Plan: Teaching-Learning & Assessment Strategy mapped with CLOs

Topic	Hours	Teaching-Learning Strategy	Assessment Strategy	Corresponding CLOs
1.Introduction: Bangladesh: History and Culture – An overview.	3	Classroom Lectures and Feedback	Class Test	1
2.Ancient, Classical, Late Classical and Medieval Bengal Etymology, Pre-historic Bengal, Bengal's early literature, Proto-History/Antiquity, Overseas colonization. Sasanka: the First independent king of Bengal, <i>Matsyanyayam</i> ; Pala dynasty; Dynasties of Southeastern Bengal; Sena rule, Bengal under the Sultanate period.	5	Classroom Lectures and Feedback	Class Test	1

3. Early Modern Bengal Bengal under the Mughals: Politics, Society and Culture.	4	Classroom Lectures and Feedback	Class Test	1
4. Modern Bengal/Bengal under British Colonial Rule Establishment of English Trade in Bengal, British East India Company, The British impact.	3	Classroom Lectures and Feedback	Class Test	1
5. Bengal Renaissance, Bengali Nationalism and Road to Autonomy Areas of social & religious reforms, Raja Rammohan Roy, Ishwar Chandra Vidyasagar, Titumeer; Partitions of Bengal (1905 & 1947). Lahore Resolution and the birth of Pakistan in 1947, Language Movement (1952); Bangabandhu Sheikh Mujibur Rahman and road to autonomy movement, 6-point and 11-point programs, Agartala Conspiracy Case, Mass Upsurge of 1969	6	Classroom Lectures and Feedback	Mid-Term	1
6. War of Independence The 1970 election, Military action, Genocide in the East Pakistan, The liberation war, Emergence of Bangladesh as an independent state in 1971	4	Classroom Lectures and Feedback	Mid-Term	2
7. Constitution of Bangladesh and its Amendments The Republic, Fundamental principles of state policy, Fundamental rights, The Executive, The Legislature, The Judiciary, Amendment of the Constitution	4	Classroom Lectures and Feedback	Mid-Term	2
8. Social Structure, Social Institutions and Culture of Bangladesh Social stratification, social classes, caste system, social mobility, Social Institutions: Family, marriage; Bengali culture; Urbanization process and its impact on	5	Classroom Lectures and Feedback	Final Examination	3

Bangladesh society				
9. Economy of Bangladesh Economic problems of Bangladesh and probable solutions, Contribution of garments industry in Bangladesh economy, the role of remittance in our economy	3	Classroom Lectures and Feedback	Final Examination	3
10. Environmental issues and Challenges of Bangladesh, Impacts of Climate Change in Bangladesh	4	Classroom Lectures and Feedback	Final Examination	3
11. Bangladesh Foreign Policy, Realities and Challenges	4	Classroom Lectures and Feedback	Final Examination	4

Textbook(s)

1. A. F. Salauddin Ahmed & Bazlul Mobin Chowdhury. Bangladesh: National Culture and Heritage. Independent University, Bangladesh, Dhaka.
2. Dr. Akbar Ali Khan, Discovery of Bangladesh: Explorations into Dynamics of a Hidden Nation. University Press Limited.
3. Muntasir Mamun and Mahbubur Rahman , *Swadhin Bangladesher Ovyudoyer Itihas*, Dhaka: University Grants Commission, 2017

Reference(s)

1. Haroun er Rashid. Economic Geography of Bangladesh. University Press Limited, Dhaka.
2. Muhammad Shamsul Huq. Bangladesh in International Politics. University Press Limited, Dhaka.

Assessment and Evaluation

Bloom's Category	Assignments	Quizzes	Mid-term	Final-term	Total
Remember		10	05	05	20
Understand	05		05	10	20
Apply			05	15	20
Analyze			05	10	15
Evaluate			05	05	10
Create	05		05	05	15
Total	10	10	30	50	100

Grading System: As per UGC recommendation

BDS-0222-102: HISTORY OF THE EMERGENCE OF BANGLADESH

Credit Hours: 3

Rational of the Course

This course is designed to introduce the students with the political, cultural and historical background of Bangladesh.

Course Objective

This course offers an opportunity for students to explore a range of fascinating and multifaceted political and historical knowledge. It is designed to give a clear idea of the state, politics, history and culture. Especially, it is focused on how Bangladesh became an independent country. The aim of this course will acquaint the students with the rich history of emergence of Bangladesh.

Course Learning Outcomes (CLO)

At the end of the course, students will be able to:

CLO1	understand the ancient and medieval historical knowledge of the then country
CLO2	develop the basic knowledge about the country's history, politics, and culture
CLO3	gaining knowledge about the west Pakistan's deprivation, movement for self-determination and liberation war 1971
CLO4	understand the knowledge that supports to make decision and solve problem in future policy making process in a practice area

Mapping of CLOs to PLOs

	PLO1	PLO2	PLO3	PLO4	PLO5
CLO1	3	3	3	2	1
CLO2	3	2	3	3	2
CLO3	3	3	3	3	3
CLO4	2	3	3	2	1
Average	2.75	2.75	3	2.5	1.75

(Level of integration: 3-High, 2-Medium, 1-Low)

Course Plan: Teaching-Learning & Assessment Strategy mapped with CLOs

Topic	Hours	Teaching-Learning Strategy	Assessment Strategy	Corresponding CLOs
1. Introduction to the Country and its People	6	Lecture and Class Participation	Test & Quiz	1
2. Communal Politics and Two-Nation Theory	3	Lecture	Test & Quiz	1
3. Structure and Discrimination of Pakistan State	3	Lecture	Presentation	2 & 3
4. Effort towards Democratic Politics and Language Movement	3	Lecture and Group Discussion	Viva-Voce	2 & 3



5. Attempt to Establish Democratic Government	3	Lecture	Test & Quiz	2 & 3
6. Attempt to Establish Democratic Government	3	Lecture	Test & Quiz	2 & 3
7. Tenure of Ayub Khan	3	Lecture and Feedback	Test & Quiz	3
8. Tenure of Ayub Khan	3	Lecture and Class Participation	Presentation	3
9. Development of Nationalism and Movement for Self-Determination	3	Lecture and Class Participation	Test & Quiz	3 & 4
10. Development of Nationalism and Movement for Self-Determination	3	Lecture and Class Participation	Test & Quiz	3 & 4
11. Mass Upsurge in 1969 and 11-Point Movement	3	Lecture	Test & Quiz	3
12. Elections in 1970 and Bangabandhu's Declaration of Independence	3	Lecture	Test & Quiz	3
13. Liberation War 1971.	3	Lecture and Video Presentation	Test & Quiz	3
14. Liberation War 1971.	3	Lecture and Video Presentation	Test & Quiz	3

Textbook(s)

The Unfinished Memoirs, Sheikh Mujibur Rahman

Reference(s)

1. *History of Bangladesh: A Sub continental Civilization*, Abul Maal A. Muhith
2. *Pakistan: Failure in National Integration*, Rounaq Jahan
3. *A History of Bangladesh*, Willem Van Schendel
4. *Bangladesh Politics: Problems and Issues*, Rounaq Jahan
5. *Thirty Years of Bangladesh Politics*, Mahfuzul Huque Chowdhury
6. *Bangladesh: A Political History since Independence*, Ali Riaz
7. *Bangladesher Abbhudoy*, Rehman Sobhan
8. *Swadhin Bangladesher Obbhudoyer Itihas. Suborno Prokashoni*, Muntasir Mamun and Md Mabubar Rahman.

Assessment and Evaluation

Bloom's Category	Quizzes	Assignments	Mid-term	Presentation	Final-term	Total
Remember	05		05	10	10	30



Understand	05		05	05	10	25
Apply		05	05		05	15
Analyze		05		05	10	20
Evaluate		05			05	10
Create						
Total	10	20	20	10	40	100

Grading System: As per UGC recommendation

BLL-0232-101: Bangla Bhasha & Shahitto (বাংলা ভাষা এবং সাহিত্য)

Credit Hours: 3

Rationale of the Course

যে কোন জনগোষ্ঠীকে সমৃদ্ধশালী করে তোলে- তার মাতৃভাষা, সাহিত্য-সংস্কৃতির অনুশীলন ও চর্চা। মনুষ্যত্ব বিকাশে এবং শিবা লাভের জন্য মাতৃভাষার চর্চা করা একান্ত অপরিহার্য। বাংলা আমারদের মাতৃভাষা। বাংলা আন্তর্জাতিক মাতৃভাষা রূপে স্বীকৃতি লাভ করলেও দেখা যাচ্ছে, আমাদের বর্তমান প্রজন্মের ছাত্র সামাজিক বাংলা ভাষা ও সাহিত্যের প্রতি আগ্রহ তেমন নেই। বাংলা বিষয়ে তাদের প্রবল অনীহা। এমতাবস্থায়, সকল শিষার্থীদের মাতৃভাষা বাংলা ও বাংলা সাহিত্য পাঠের মাধ্যমে আত্মপরিচয়ের পথ প্রদর্শন করা হবে। পাশাপাশি ব্যবহারিক রেত্রে শুদ্ধরূপে বাংলা উচ্চারণ, বানান ও লিখন সম্পর্কে সম্যক ধারণা দেয়া হবে।

Course Objective

এই বিষয়টি অধ্যয়নের মাধ্যমে ছাত্র-ছাত্রীবৃন্দ বাংলাভাষা ও সাহিত্যের প্রতি আগ্রহী হয়ে উঠবে বলে আশা করা যায়।

Course Learning Outcomes (CLO)

At the end of the course, students will be able to:

CLO1	বাংলা ভাষার বৈশিষ্ট্য, গুরবত্ব ও অন্তর্নিহিত শৃঙ্খলা সম্পর্কে ধারণা লাভ।
CLO2	প্রমিত বাংলা ভাষা ব্যবহাওে নৈপুণ্য অর্জন।
CLO3	বিষয় বস্তুর যুক্তিপূর্ণ উপস্থাপনায় পারদর্শিতা অর্জন।
CLO4	পাঠের মর্মবস্তু অনুধাবন, সাহিত্য রসোপলব্ধি ও পাঠভ্যাসে আগ্রহী হওয়া।

Mapping of CLOs to PLOs

	PL01	PL02	PL03	PL04	PL05
CLO1	3	2	3	3	3
CLO2	2	3	2	2	1
CLO3	3	1	3	2	2
CLO4	1	3	2	1	3

(Level of integration: 3-High, 2-Medium, 1-Low)

Course Plan: Teaching-Learning & Assessment Strategy mapped with CLOs

Topic	Hours	Teaching-Learning Strategy	Assessment Strategy	Corresponding CLOs
১) ভাষা, ভাষার ইতিহাস, বাংলা ভাষার বৈশিষ্ট্য, বাংলা সাহিত্য ও সাহিত্যের যুগ।	3	Classroom Lectures and Feedback	Test	CLO1
২) বাংলা ধ্বনি, বর্ণ, অবর্ণ, স্বরধ্বনি,	3	Classroom Lectures	Test	CLO2



ব্যঞ্জনধ্বনি ।		and Feedback		
৩) প্রমিত বাংলা বানানের নিয়ম ।	3	Classroom Lectures and Feedback	Test	CLO2
৪) সাধু ও চলিত ভাষারীতি, বিরামচিহ্ন, বঙ্গানুবাদ ।	3	Classroom Lectures and Feedback	Test & Quiz	CLO2
৫) সংবিষ্ট আলোচনা: বাংলাভাষা, বাংলা নববর্ষ, একুশে ফেব্রুয়ারী, মুক্তিযুদ্ধ ।	3	Classroom Lectures and Feedback	Test & Quiz	CLO3
৬) বাংলার উৎসব, বিশ্বায়ন, আধুনিক তথ্য প্রযুক্তি, মানবতা ও নৈতিকতা ।	3	Classroom Lectures and Feedback	Test & Quiz	CLO3
৭) অভিজ্ঞতা বর্ণনা, ডায়েরি লিখন ।	3	Classroom Lectures and Feedback	Test & Quiz	CLO3
৮) প্রবন্ধ : বর্তমান বিশ্বসাহিত্য, কবিতা: বঙ্গবাণী, বঙ্গভাষা	2	Classroom Lectures and Feedback	Assignment & Test	CLO3
৯) ছোটগল্প : পোস্টমাস্টার; কবিতা : আমার পরিচয় ।	3	Classroom Lectures and Feedback	Assignment & Test	CLO4
১০) কবিতা: খাঁচার ভিতর অচিন পাখি, নির্ঝরনের স্বপ্নভঙ্গ, বাংলার মুখ আমি ।	3	Classroom Lectures and Feedback	Test & Quiz	CLO4
১১) কবিতা : তোমাকে পাওয়ার জন্যে হে স্বাধীনতা, স্মৃতিস্তম্ভ, অমর একুশে; প্রবন্ধ : তৈল ।	2	Classroom Lectures and Feedback	Test & Quiz	CLO4
১২) ছোটগল্প : নয়নচারী, খাঁচা, মৌন নয় ।	3	Classroom Lectures and Feedback	Test & Quiz	CLO4
১৩) ছোটগল্প: অপঘাত প্রবন্ধ : বাঙ্গালা ভাষা	3	Classroom Lectures and Feedback	Test & Quiz	CLO4
১৪) ছোটগল্প: পুঁইমাচা; প্রবন্ধ : সভ্যতার সংকট ।	3	Classroom Lectures and Feedback	Test & Quiz	CLO4
১৫) ডায়েরি : একাত্তরের দিনগুলি জাহানারা ইমাম; প্রবন্ধ : আমাদের বাংলা উচ্চারণ ।	2	Classroom Lectures and Feedback	Test & Quiz	CLO4
১৬) প্রবন্ধ : আমাদের আত্মপরিচয় নাটক: কবর ।	3	Classroom Lectures and Feedback	Test	CLO4

Textbook(s)

ইসলাম, রফিকুল সৌমিত্র শেখর । বাংলা ভাষা ও সাহিত্য ।

Reference(s)

মনির, ড. শাহজাহান । উচ্চতর বাংলা ব্যাকরণ ও নিমিত্তি ।

Assessment and Evaluation

Bloom's Category	Attendance	Assignment	Class Tests	Mid-Term Exam	Final Exam	Total
Remember			10			10
Understand	05	05	10	05	05	30



Apply				05	05	10
Analyze		05	10	05	05	25
Evaluate	05				05	10
Create		10			05	15
Total	10	20	30	15	25	100

Grading System: As per UGC recommendation

CORE COURSES

ACN-0411-201: PRINCIPLES OF ACCOUNTING

Credit Hours: 3

Rationale of the Course:

This course reviews the basic concepts, principles and techniques of financial accounting. It will help to prepare financial statements using the double entry system.

Course Objective

This course is an elementary accounting course. It introduces financial accounting theory, including the accounting cycle, analysis and recording of transactions, and reporting financial information in accordance with Generally Accepted Accounting Principles (GAAP).

Course Learning Outcomes (CLO)

At the end of the course, students will be able to:

CLO1	Realize the importance of using financial accounting in different types of organizations
CLO2	Identify the basics of financial accounting through the accounting cycle for service and merchandise business.
CLO3	Apply the theoretical foundation of financial accounting (concepts, assumptions, and principles) and the financial statements of an enterprise
CLO4	Perform the different steps of the accounting cycle for service and merchandising businesses

Mapping of CLOs to PLOs

	PL01	PL02	PL03	PL04	PL05
CLO1	3	2	3	3	1
CLO2	3	3	2	2	1
CLO3	3	3	3	2	2
CLO4	3	3	2	3	3
Average	3	2.75	2.5	2.5	1.75

(Level of integration: 3-High, 2-Medium, 1-Low)

Course Plan: Teaching-Learning & Assessment Strategy mapped with CLOs

Topic	Hours	Teaching-Learning Strategy	Assessment Strategy	Corresponding
-------	-------	----------------------------	---------------------	---------------



				CLOs
1. Accounting in Action Accounting Concept, Generally Accepted Accounting Principles, Ethics in Financial Reporting, The Basic Accounting Equation, Using the Basic Accounting Equation, Financial Statements, Practical Problems on Basic Accounting Equation.	8	Lecture, Presentation & Class Participation	Test & Viva	1
2. The Recording Process The Account, Steps in Recording Process, The Trial Balance, Practical Problems on Recording Process.	7	Lecture & Case	Test & Viva	2
3. Adjusting the Accounts Timing Issues, The Basics of Adjusting Entries, The Adjusted Trial Balance and Financial Statement, Practical Problems on Adjusting Entries.	7	Lecture & Case	Test	2
4. Completing the Accounting Cycle Using a Worksheet, Closing the Books, Summary of Accounting Cycle, The Classified Balance Sheet, Long-Term Investments, Preparation of Work sheet & Closing the Books.	9	Lecture & Case	Test & Assignment	2
5. Accounting for Merchandising Operations Merchandising Operation, Recording Purchase of Merchandise, Recording Sales of Merchandise, Completing the Accounting Cycle, Forms of Financial Statements, Practical problems on Merchandising Operations.	7	Lecture & Case	Test, Viva & Group Discussion	2
6. Plant Assets, Natural Resources and Intangible Assets Determining the Cost of Plant Assets, Depreciation, Expenditures During Useful Life, Plant Asset Disposals, Natural Resources, Intangible Assets, Research & Development Costs, Practical Problems on Different Methods of Depreciation	7	Lecture & Case	Test & Viva	3 & 4

Textbook

Jerry J. Weygandt, Donald E. Kieso, Paul D. Kimmel, *Accounting Principles*, John Willey & Sons, Inc. (12thEd.)

References

1. Roger H. Hermanson, James Don Edwards, L. Gayle Rayburn "*Financial Accounting*"
2. Garrison, R. H., Noreen, E. W., Brewer, P. C., & McGowan, A. (2010). *Managerial accounting*. Issues in Accounting Education, 25(4), 792-793.
3. Smith, J. M., & Fred, S. K. *Intermediate Accounting*, South-Western Publishing company, Cincinnati, Ohio.

Assessment and Evaluation

Bloom's Category	Test	Assignment	Viva	Co-curricular Activities	Final Exam	Total
Remember	5	-	10	2	8	25
Understand	5	2	10	2	7	26
Apply	5	5		2	7	19
Analyze	3	3		2	4	12
Evaluate	2	-		2	4	8
Create	-	10		-	-	10
Total	20	20	20	10	30	100

Grading System: As per UGC recommendation

ACN-0411-204: COST AND MANAGEMENT ACCOUNTING

Credit Hours: 3

Rationale of the Course:

The course familiarizes students to contemporary management accounting concepts and techniques

Course Objective

This course aims to create value for the organization by managing resources, people, and other general activities and its importance for the management of a firm. It helps to improve the effectiveness of both the management planning and control functions.

Course Learning Outcomes (CLO):

At the end of the course, students will be able to:

CLO1	Know the role of management accounting in decision making process
CLO2	Develop in-depth knowledge on types and nature of costs
CLO3	Apply CVP analysis in business
CLO4	Prepare master budget

CLO5	Measure segment and company performance
CLO6	Know the role of costs in the decision making on the basis of relevance

Mapping of CLOs to PLOs

	PLO1	PLO2	PLO3	PLO4	PLO5
CLO1	3	3	3	2	1
CLO2	3	3	2	3	1
CLO3	3	3	3	3	3
CLO4	2	1	3	2	3
CLO5	3	3	3	2	1
CLO6	1	2	3	1	2
Average	2.5	2.5	2.83	2.17	1.83

(Level of integration: 3-High, 2-Medium, 1-Low)

Course Plan: Teaching-Learning & Assessment Strategy mapped with CLOs

Topic	Hou rs	Teaching-Learning Strategy	Assessment Strategy	Correspon ding CLOs
1. Managerial accounting and the Business Environment Definition, objectives, functions, Scope, Importance-Role, Techniques, Principles, Management Accounting Vs. Financial Accounting Managing Challenges, Code of Conducts, Ethics in Accounting, Conflict Resolution Process.	6	Lecture	Exam 1	1
2. Cost Behavior & Cost Classification Concepts, Cost & Expenses, Cost Unit, Elements, Classification, Analysis and Use, Various methods of separating mixed costs.	6	Lecture	Exam 1	1
3. Variable Costing: A Tool for Decision Making Definition, Distinctions, Product Cost vs. Periodic Cost, Uses & Limitations, Applications of Absorption and direct costing..	6	Lecture & Class Participation	Exam 1	2

4. Cost-Volume, Profit Relationship Decision Making Process, Assumptions, Break Even Analysis, Sales Mix-Income Tax & BEP Uncertainty & BEP, CVP analysis in a multi-product environment.	6	Lecture & Class participation	Mid term and assignment	3,6
5. Profit Planning Basic Framework of Budgetary control, Production Budget, Sales Budget, Cash Budget, Flexible Budget, Master Budget.	6	Lecture, Problem solving	Assignment and Mid term	4
6. Relevant costs and Decision Making Nature of Managerial Decision, Classification of Managerial Decision, Important Cost Concepts for Decision Making, Make or Buy Decisions, Scarce Resource Decisions, Sales mix Decisions, Special order Decisions, Product line Decisions, Further processing Decision.	6	Lecture, Problem solving	Final term	1, 6
7. Responsibility Accounting & Divisional Performance Measurement Cost Centre, Investment Centre, Profit Centre, Pre conditions, Divisional Performance, Return on Investment, Residual Income, Responsible Reporting.	6	Lecture, Problem solving	Final term	5
8. Decentralization & Transfer Pricing Introduction, Advantage & Disadvantage of Decentralization: Transfer Pricing, Necessity, Objectives, Methods, Multinational Transfer Pricing.	3	Lecture, Problem solving	Final term	1

Textbook(s)

Managerial Accounting by Ray H. Garrison, Eric W. Noreen and Peter C. Brewer, Published by McGraw-Hill/Irwin, 13th edition.

Reference(s)



1. Management and cost accounting by Horngren, C. T., Bhimani, A., Datar, S. M., Foster, G., & Horngren, C. T. (2002). Published by Harlow: Financial Times Press.
2. Managerial accounting: creating value in a dynamic business environment. Hilton, R. W., & Platt, D. E. (2013). Published by McGraw-Hill Education.

Assessment and Evaluation

Bloom's Category	Assignments and Participation	Exam 1	Mid-term	Final-term	Total
Remember	05		05	05	15
Understand	05	05	05	05	20
Apply	05	05	05	05	20
Analyze	05	05	05	05	20
Evaluate		05	05	05	15
Create			05	05	10
Total	20	20	30	30	100

Grading System: As per UGC recommendation

ACN-0411-304: AUDITING AND TAXATION

Credit Hours: 3

Rationale of the Course:

This course deals with the important elements of financial reporting, corporate governance and various aspects of taxation

Course Objective

Auditing and taxation are both vital components of accounting. The knowledge on two subjects is important not only for accountants but also for management. Auditing is a crucial element of financial reporting and corporate governance. Taxation implications must be considered during decision making processes.

Course Learning Outcomes (CLO)

At the end of the course, students will be able to:

CL01	Understand different types of audits, importance of audit for organization, government and other stakeholders, taxation system and authority in Bangladesh;
CL02	Apply to assess residential status and compute income from different sources of an individual;
CL03	Analyze a company's audit report, VAT mechanism;
CL04	Evaluate different types of audit reports;
CL05	Be equipped to prepare income tax return of a salaried person;

Mapping of CLOs to PLOs

	PLO1	PLO2	PLO3	PLO4	PLO5
CL01	3	2	3	2	1



CLO2	3	1	2	3	3
CLO3	3	3	2	3	1
CLO4	2	1	3	3	2
CLO5	3	3	2	2	1
Average	2.8	2	2.4	2.6	1.4

(Level of integration: 3-High, 2-Medium, 1-Low)

Course Plan: Teaching-Learning & Assessment Strategy mapped with CLOs

Topic	Hours	Teaching-Learning Strategy	Assessment Strategy	Corresponding CLOs
1. Introduction on Audit Audit, Nature, Scope, Types, Attestation, Assurance	3	Lecture, Presentation & Class Participation	Test & Viva	1
2. Framework of Auditing Appointment, Engagement letter, Audit plan, Working papers, Quality control	6	Lecture & Presentation	Test & Viva	1
3. Internal audit Objectives, System, Components, The COSO Model, The COCO Control Model Procedure of Setting Internal Control System, Test of Control, Internal Check	9	Lecture & Presentation	Test & Viva	1 & 4
4. Audit Report Features of a good report, Report vs. Certificate, Judgment, Forming Opinion, Report Format, Types of Report, Real examples	3	Lecture, Presentation & Case	Test & Assignment	3, 4
5. Introduction to Taxation Purposes, Features, Types, Canons, Tax System in Bangladesh, Role of Income Tax in the Economic Development of Bangladesh. Test of Capital & Revenue, Features of Income, Classification of Income, Tax Holiday Scheme. Assesses: Residential Status, Physical Status, Income Year, Assessment Year, TIN and Tax Rate- Practical issues	3	Lecture & Presentation	Test & Viva	1
6. Tax Authorities in Bangladesh Income Tax Authorities, Administrative Authorities, Judicial Authorities, Higher	6	Lecture & Presentation	Test & Viva	1

Counts, Appeal & Revision				
7. Tax Assessment and Collection Procedures, Relevant Provisions, Types of assessment, Time limit for completing assessment, Re-assessment of Escaping Income, Tax Deducted at sources, Advance payment, Refund, Practical problems.	6	Lecture, Problem Solving & Presentation	Test & Viva	2, 3 & 5
8. Computation of Income Income from Salary, Interest on Securities, House Property, Agriculture, Business & Profession, Capital Gain and Other Sources, Practical Problems.	9	Lecture, Problem Solving & Presentation	Test, Assignment & Viva	2, 3 & 5

Textbook(s)

1. Contemporary Auditing & Assurance by Dr. Monjur Morshed Mahmud, Dr. Abdur Rahman & Dr. MD Salim Uddin, Padma Prakashani, Chittagong, First edition.
2. Bangladesh Income Tax-Theory & Practice by Nikhil Chandra Shil, Mohammad Zakaria Masud and Mohammad Faridul Alam, Shams Publications & AMS Publications (Latest edition)

Reference(s)

1. Income Tax Ordinance 1984,
2. Finance Act-Govt. of Bangladesh,
3. Circulars and orders issued by NBR.

Assessment and Evaluation

Bloom's Category	Test	Assignment	Viva	Co-curricular Activities	Final Exam	Total
Remember	5	-	10	2	8	25
Understand	5	2	10	2	7	26
Apply	5	5		2	7	19
Analyze	3	3		2	4	12
Evaluate	2	-		2	4	8
Create	-	10		-	-	10
Total	20	20	20	10	30	100

Grading System: As per UGC recommendation

BUS-0114-202: BUSINESS MATHEMATICS

Credit Hours: 3



Rationale of the Course

This course builds the basics of students for quantitative literacy. Through getting the foundations for diversified mathematical concepts, they remain open for further application of similar mathematical concepts.

Course Objective

This application driven course is designed to explain a number of mathematical concepts, techniques and models, which are fundamental to understanding of modern Business, Finance, Management and Economic theories and to enhance the skills and knowledge of mathematics required for solving real world problems.

Course Learning Outcomes (CLO)

At the end of the course, students will be able to:

CLO1	Apply basic mathematical equations and graphs, differential calculus, and functions to solve business application problems
CLO2	Apply business statistics where applicable
CLO3	Accurately translate descriptive problems into mathematical formulas and solve them [Quantitative Literacy]

Mapping of CLOs to PLOs

	PL01	PL02	PL03	PL04	PL05
CLO1	3	2	3	3	3
CLO2	3	2	3	2	3
CLO3	2	3	3	2	3
Average	2.67	2.33	3	2.33	3

(Level of integration: 3-High, 2-Medium, 1-Low)

Course Plan: Teaching-Learning & Assessment Strategy mapped with CLOs

Topic	Hours	Teaching-Learning Strategy	Assessment Strategy	Corresponding CLOs
1. Linear Equation Definition, Solution set of an equation, Graphing two variable equation, Property of slope of straight line, equation of a straight line	4.5	Lecture & Problem solving	1 st Term and Midterm	1
2. Systems of Linear Equation Dimension, Solution set of system of equation, Graphical analysis, Elimination method, Gaussian elimination method	4.5	Lecture & Problem solving	1 st Term and Midterm	1
3. Matrix algebra Definition, Types of matrix, Matrix operations, Matrix multiplication, Determinant, Inverse matrix	4.5	Lecture & Problem solving	1 st Term and Midterm	1

4.Mathematical Functions Definition, Salary function, Domain and range, Types of function, Graphical representation	4.5	Lecture & Problem solving	1 st Term and Midterm	1
5.Linear functions, Applications Linear function in two independent variables, Linear cost, revenue and profit function, Linear demand and supply function, Break-even model, Market equilibrium	4.5	Lecture & Problem solving	Assignment and Final	2, 3
6.Differential calculus Test of existence, Limits and continuity, Limits and infinity, Different quotient, Derivative, Differentiation	13.5	Lecture & Problem solving	Assignment and Final	1
7.Optimization Interpretation of derivatives, Second derivative, Concavity, Inflection point, Minima, Maxima	9	Lecture & Problem solving	Assignment and Final	2

Textbook(s)

Frank S. Budnick, Applied Mathematics for Business, Economics and the Social Sciences, McGraw Hill, 4th edition

Reference(s)

1. Gordon D. Prichett, John C. Saber, Mathematics with applications in Management and Economics, Irwin, Latest available edition

Assessment and Evaluation

Bloom's Category	Class Performance	Assignment	1 st Term	Mid-term	Final	Total
Remember			05	05	05	15
Understand	03	05	05	05	05	23
Apply	03		05	05	10	23
Analyze			05		05	10
Evaluate				05	05	10
Create	04	05		05	05	19
Total	10	10	20	25	35	100

Grading System: As per UGC recommendation

BUS -0114-310: BUSINESS ANALYTICS

Credit Hours: 3



Course Rationale:

The course has been offered to make students familiar with the variety of quantitative and statistical techniques that can be applied to different business situations. Students will learn how to make effective and efficient decisions to address any business challenges towards creating value for a broad range of stakeholders.

Course Objective

Business analytics refers to the ways in which organizations of different kinds can use data to gain insights and make better managerial decisions. Business analytics is applied in human resources, operations, supply chain, marketing, finance, and strategic planning among other functions. The ability to use data effectively to drive rapid, precise and profitable decisions has been a critical strategic advantage for companies around the globe. With the increasing availability of broad and deep sources of information — so-called “Big Data” — business analytics are becoming an even more critical capability for organizations of all types and all sizes. In this course, students will learn to identify, evaluate, and capture business analytic opportunities that create value. Toward this end, they will also learn basic analytic methods and analyze case studies on organizations that successfully deployed these techniques.

Course Learning Outcomes (CLO)

At the end of the course, students will be able to:

CL01	Have a basic understanding of the value and use of quantitative methods in business and decision making
CL02	Develop an understanding of a variety of quantitative and statistical techniques that can be applied to a wide range of business situations
CL03	Learn to utilize the tools needed in business decision making
CL04	Estimate the value created using business analytics to address an opportunity or a challenge

Mapping of CLOs to PLOs

	PLO1	PLO2	PLO3	PLO4	PLO5
CL01	3	3	1	2	1
CL02	3	3	1	2	1
CL03	2	3	1	3	1
CL04	1	3	1	3	1
Average	2.25	3	1	2.5	1

(Level of integration: 3-High, 2-Medium, 1-Low)

Course Plan: Teaching-Learning & Assessment Strategy mapped with CLOs

Topic	Hou rs	Teaching-Learning Strategy	Assessment Strategy	Correspondin g CLOs
1. An Invitation to Business Analytics	6	Lecture	Assignment & Test	1
2. Descriptive statistics	3	Lecture Class Participation	Assignment & Test	1, 2
3. Data visualization	6	Lecture Group	Assignment & Test	2, 3, 4



		presentation Case Analysis		
4. Linear regression	6	Lecture Group Discussion Case Analysis	Test & Quiz	2, 3, 4
5. Time series analysis and forecasting	6	Lecture Case analysis Class participation	Test & Quiz	2, 3, 4
6. Data mining, spreadsheet models	6	Lecture Case Analysis	Test & Quiz Project	2, 3, 4
7. Linear Optimization Models, Integer Linear Optimization, Nonlinear Optimization Models, Monte Carlo Simulation	6	Lecture Case Analysis Group presentation	Test and Quiz Assignment	1,2, 3, 4
8. Decision Analysis	6	Group presentation Case Analysis Assignment	Project report Test	1, 2, 3, 4

Textbook(s)

Camm, J. D. (2015). Essentials of Business Analytics (1st edition), Cengage Learning, India

Reference(s)

1. Albright, S. C., & Winston, W. L. (2016). Business Analytics: Data Analysis & Decision Making, Cengage learning, USA.

Assessment and Evaluation

Bloom's Category	Class attendance and participation	Assignments/ Case Analysis/ Presentation	Quizzes	Mid-Term	Final-Term	Total
Remember	05		05			10
Understand	05		05			10
Apply		05		05	05	15
Analyze	05	05	10	05	05	30
Evaluate	05	05		05	05	20
Create		05		05	05	15
Total	20	20	20	20	20	100

Grading System: As per UGC recommendation

BUS -0421-361: LEGAL ENVIRONMENT OF BUSINESS
Credit Hours: 3

Course Rationale:

The legal environment is constantly changing and the business professionals must be aware of the legal factors affecting the day-to-day business activities. This course is intended to equip the students with necessary knowledge and critical thinking to anticipate, prevent, and resolve issues they might be facing as managers in the legal and regulatory context.

Course Objective

The objective of the course is to provide the students with an initial orientation with basic areas of Law which regulates the Business World. As Managers we must be familiar with certain legal matters like how to make a contract, how a partnership business is done, how the company should run, what are the legal requirements to establish and run a factory, how to deal with our workers, how they will be employed, how they will be paid, the basic rights of a worker etc. This particular course will help the students understand these basics of Business Law.

Course Learning Outcomes (CLO)

At the end of the course, students will be able to:

CLO1	To understand the Importance of Law in the Business World
CLO2	To understand the Formation of Contract & Partnership & other legal requirements
CLO3	To understand the Labor Law
CLO4	Regulatory compliances in different business sectors and status of the industry in Bangladesh

Mapping of CLOs to PLOs

	PLO1	PLO2	PLO3	PLO4	PLO5
CLO1	2	1	3	1	2
CLO2	3	1	3	2	3
CLO3	3	1	3	2	2
CLO4	2	3	2	3	3
Average	2.5	1.5	2.75	2	2.5

(Level of integration: 3-High, 2-Medium, 1-Low)

Course Plan: Teaching-Learning & Assessment Strategy mapped with CLOs

Topic	Hours	Teaching-Learning Strategy	Assessment Strategy	Corresponding CLOs
Introduction to Business Law Definition of Law; Society and Law; Rule of Law; Mercantile Law and sources of Law; Object and Scope, Essential elements of Contract	6	Lecture	Class Test	1
3. The Law of Contract Nature of Contracts, Offer & Acceptance; Consideration; Capacity of Parties; Free Consent; Legality of Consideration and object;	9	Lecture & Case Analysis	Assignment & Presentation	2

Contingent Contracts and Wagering Agreement; Quasi Contract				
5. The Law of Partnership Definition and Nature of Partnership; Formation of Partnership; Rights, Duties and Liabilities of Partners; Dissolution of Partnership Firm	3	Lecture & Case Analysis	Midterm	2
6. The Company Law Nature of Company; Kinds of Company; Formation of Company; Memorandum and Article of association, Prospectus, Membership in the Company, Shares Capital, Shares etc	3	Lecture	Midterm	2
7. Contract of Sale of Goods Contract of Sale of Goods; Condition and Warranties, Transfer of Property, Performance of Contract of Sale; Remedial Measures	9	Lecture & Presentation.	Class test	2
9. The Companies Act 1994	6	Lecture	Final	2
10. The Companies Act 1994	3	Lecture	Final	2
11. The Bangladesh Labour Act 2006 Meaning of Labor Law; Purpose of Labor Law in Bangladesh, Necessity of Labor Law; History of Labor Law; Labor Rights in the Constitution of Bangladesh, Condition of Employment, Categories of Workers, Workers Safety, Workers Welfare Measures	3	Lecture	Final	3
12. Regulatory Compliances in Different Business Sector	3	Lecture	Final	4

Textbook(s)

- 1. Commercial Law Including Company Law and Industrial Law** - 22nd Edition or the latest-by Arun Kumar Sen and Jitendra Kumar Mitra
- 2. A Text Book of the Bangladesh Labour Act, 2014** - Dr. Zulfiqar Ahmed.

Assessment and Evaluation

Bloom's Category	Assignments & Case analysis	Quizzes	Mid-term	Final-term	Total
Remember	0	15	0	0	15
Understand	5	5	5	5	20
Apply	5	10	5	10	30
Analyze	10		5	5	20



Evaluate			5	5	10
Create				5	5
Total	20	30	20	30	100

Grading System: As per UGC recommendation

BUS-0111-485: BUSINESS RESEARCH METHODS

Credit Hours: 3

Rationale of the Course:

The rationale of this course is to introduce the student to the theory and practice of business research and to equip the students with the required skills in qualitative and quantitative research methods in business. Knowledge gathered from this course will be essential in preparing the thesis, internship report, and research articles in their academic and professional career.

Course Objective

The course is designed to give the students a clear idea of the diverse nature of corporate research.

Course Learning Outcomes (CLO)

At the end of the course, students will be able to:

CLO1	Understand the importance of business research as a management decision making tool
CLO2	Understand the different stages of research
CLO3	Identify, analyze and interpret research problem

Mapping of CLOs to PLOs

	PLO1	PLO2	PLO3	PLO4	PLO5
CLO1	3	3	3	2	1
CLO2	3	3	2	3	1
CLO3	3	3	3	3	3
Average	3	3	2.67	2.67	1.33

(Level of integration: 3-High, 2-Medium, 1-Low)

Course Plan: Teaching-Learning & Assessment Strategy mapped with CLOs

Topic	Hours	Teaching-Learning Strategy	Assessment Strategy	Corresponding CLOs
1.Introduction Meaning of Research-Objectives of Research-Business research defined-Scope of Business research-Importance of Business research.	6	Lecture	Test	1
2.The research Process Stages in the research process-Decision alternatives in the research	6	Lecture & Class Participation	Assignment & Test	2



process.				
3.Research Problem Definition-Selecting the problem- Techniques involved in defining problem.	6	Lecture & Group Discussion	Assignment & Test	3
4.Research Design Need for research Design-Features of good Design-Important concepts relevant to research design- different types of research design.	6	Lecture	Test & Quiz	3
5.Sampling Design Implications of sample Design- steps involved- Criteria for selecting a sampling procedure- random sampling—sample fundamentals.	3	Lecture	Test & Quiz	3
6.Data Collection Primary data and secondary-Selection of appropriate method.	3	Lecture	Test & Quiz	3
7.Processing and Analysis of Data Editing and coding data- Problem in processing-Elements and types of analysis-Statistical tools–Testing hypothesis-Analysis of Variance.	12	Lecture, Problem solving	Test and Quiz	3
8.Interpretation and Report writing Meaning and significance of report writing- deferent steps in report writing- Lay-out of the research report- Types of reports- Oral presentation-Techniques of report.	3	Lecture and Group Discussion	Test	3

Textbook(s)

Research Methodology: Methods and Techniques- C.R. Kothari

Reference(s)

1. Business Research Methods – William G. Zikmund. (6th Edition)

Assessment and Evaluation

Bloom's Category	Assignments	Quizzes	Mid-term	Final-term	Total
Remember		10	05	05	20
Understand	05		05	10	20
Apply			05	15	20
Analyze			05	10	15



Evaluate			05	05	10
Create	05		05	05	15
Total	10	10	30	50	100

Grading System: As per UGC recommendation

ECN-0311-211: MICROECONOMICS

Credit Hours: 3

Rationale of the Course:

This course introduces students with basic concepts of economy like how individuals make decisions, how individual firms function, and how to calculate marginally. These knowledge will help the students to become better decision makers for establishing a successful career.

Course Objectives:

Economics is about how the society deals with the problem of scarcity. It is all around us and it affects almost everything we do. Starting with the basic tools of analysis this course will focus on the interaction of the forces of demand and supply to analyze consumer and firm behavior and understanding today's microeconomic environment by mastering the theories and practicing their applications.

Course Learning Outcomes (CLO)

At the end of the course, students will be able to:

CLO1	Understand and relate the basic economic theory and principles to current microeconomic issues and evaluate policies
CLO2	Interpret charts, graphs, and tables and use the information to make informed judgments and communicate
CLO3	Develop critical thinking and analytical skills used by economists to understand the broader social consequences of economic decisions makings

Mapping of CLOs to PLOs

	PLO1	PLO2	PLO3	PLO4	PLO5
CLO1	3	3	2	2	1
CLO2	3	3	2	3	1
CLO3	2	3	3	2	1
Average	2.67	3	2.33	2.33	1

(Level of integration: 3-High, 2-Medium, 1-Low)

Course Plan: Teaching-Learning & Assessment Strategy mapped with CLOs

Topic	Hours	Teaching-Learning Strategy	Assessment Strategy	Corresponding CLOs
-------	-------	----------------------------	---------------------	--------------------



1. Introduction to Economics and the Economy Scarcity and Choice, Marginal analysis, Individual's Economizing problem, Society's Economizing problem, Production possibilities model, Unemployment, Growth and the future, Characteristics of the market system, Five fundamental questions, The 'Invisible Hand', The circular flow model	3	Lecture	Quiz	1
2. Price, Quantity, and Efficiency Demand, Supply, Determinants of demand and supply, Market Equilibrium, Rationing function of prices, efficient allocation, Changes in Supply, demand and Equilibrium, Price ceiling, Rent controls, Price floors	6	Lecture & Class Participation	Test	1&2
3. Consumer behavior Price Elasticity of demand, The total revenue test, Determinants of price elasticity of demand, Price elasticity of supply, Cross elasticity and income elasticity of demand, Law of diminishing marginal utility, theory of consumer behavior, Utility maximization, Income and substitution effects	6	Lecture & Group Discussion	Assignment & Test	1&2
4. Business and the Costs of Production Economic costs, Accounting profit and normal profit, Short run production relationships, Law of diminishing returns, Short run production costs, long run production costs, Economies and diseconomies of scale.	6	Lecture & discussion	Test & Quiz	1&2
5. Market structure Pure completion in the short and long run, Pure monopoly, Economic effects of monopoly, Price discrimination, Monopolistic competition, Ologopoly, Game theory and strategic behavior	9	Lecture	Test & Quiz	2&3
6. Resource market Significance of recourse pricing, Marginal productivity theory of resource demand, Determinants of resource demand, Elasticity of resource demand, Optimal combination of	6	Lecture	Test & Quiz	1&2

resources, Labor wages, and earnings, The minimum wage controversy, Wage differentials, Pay for performance				
7. Externalities and asymmetric information Efficiently functioning markets, positive and negative externalities, Society's optimal amount of externality reduction, asymmetric information, Public goods, Public choice theory and voting paradoxes, government failure	6	Lecture, Problem solving	Test	2&3
8. Income inequality, poverty and discrimination Causes of income inequality, Equality versus efficiency, The economics of poverty, Economic analysis of discrimination	3	Lecture and Group Discussion	Test	2&3

Textbook(s)

Campbell R. McConnell, Stanley L. Brue, Sean M. Flynn, Bibek Ray Chaudhuri.

Microeconomics, McGraw Hill, 22nd edition.

Reference(s)

1. Karl E. Case, Ray C. Fair, *Principles of Economics*, Prentice Hall, Latest available edition.

Assessment and Evaluation

Bloom's Category	Assignments	Quizzes	Mid-term	Final-term	Total
Remember		05	05	05	15
Understand		05	05	10	20
Apply	05	05	05	05	20
Analyze	05	05	05	10	25
Evaluate			05	05	10
Create			05	05	10
Total	10	20	30	40	100

Grading System: As per UGC recommendation

ECN-0311-212: MACROECONOMICS

Credit Hours: 3

Rationale of the Course:

This course introduces students with broad concepts of economy like GDP, unemployment and inflation and help them connect the day to day phenomenon with the knowledge of economics for a better understanding of the world around them.

Course Objective

This course is an introduction to the behavioral science of economics which focuses on the aggregate behavior of households, firms and the government. Topics covered include gross domestic product, national income, economic growth, unemployment, inflation, the business cycle, fiscal policy and monetary policy, and international trade.

Course Learning Outcomes (CLO)

At the end of the course, students will be able to:

CLO1	Express economic growth and development concepts
CLO2	Analyze macroeconomic trends
CLO3	Apply macroeconomic trends to real life conditions

Mapping of CLOs to PLOs

	PLO1	PLO2	PLO3	PLO4	PLO5
CLO1	1	2	3	1	2
CLO2	3	2	3	2	1
CLO3	3	3	3	2	2
Average	2.33	2.33	3	1.67	1.67

(Level of integration: 3-High, 2-Medium, 1-Low)

Course Plan: Teaching-Learning & Assessment Strategy mapped with CLOs

Topic	Hours	Teaching-Learning Strategy	Assessment Strategy	Corresponding CLOs
1.Measuring a Nation's Income GDP, Nation's Income and Expenditure, Components of GDP, Inflation, Measuring society's well-being	4.5	Lecture & Problem solving	1 st Term and Midterm	3
2.Measuring the Cost of Living CPI, Inflation, Conversion to today's rate, Problems of CPI	4.5	Lecture & Problem solving	1 st Term and Midterm	3
3.Saving, Investment and the Financial System Financial system, Financial market, Savings and investment in national income accounts, Market for loanable funds	6	Lecture & Problem solving	1 st Term and Midterm	2
4.Unemployment Employed, Unemployed, Frictional unemployment, Structural unemployment, Rise and fall of unemployment	6	Lecture & Problem solving	1 st Term and Midterm	2
5.The Monetary System What is money, Federal reserve, Banks role in monetary system, Tools to control money supply	12	Lecture & in-class activity	Presentation	2
6.Money, Growth and Inflation Quantity theory of money, Monetary	6	Lecture & Problem solving	Final	1,2

equilibrium, Classical theory of inflation, Velocity and quantity equation, Fisher effect, Costs of inflation				
7. Aggregate Demand and Aggregate Supply Economic fluctuations, Aggregate demand and Aggregate supply, Causes of economic fluctuations	6	Lecture & Problem solving	Final	1,2

Textbook(s)

Mankiw, N. Gregory. *Principles of Macroeconomics*. Delhi: Cengage Learning. 6th edition.

Reference(s)

1. Karl E. Case, Ray C. Fair and Sharon M. Oster, *Principles of Macroeconomics*, Prentice Hall, 10th edition

Assessment and Evaluation

Bloom's Category	Class Performance	Assignment/ Presentation	1 st Term	Mid-term	Final	Total
Remember			05	05	05	15
Understand	03		05	05	05	18
Apply	03	05	05	05	10	28
Analyze			05		05	10
Evaluate				05	05	10
Create	04	05		05	05	19
Total	10	10	20	25	35	100

Grading System: As per UGC recommendation

FIN-0412-211: PRINCIPLES OF FINANCE

Credit Hours: 3

Rationale of the Course:

The Principles of Finance course is intended to introduce students to key financial concepts as well as how businesses use financial analysis to make sound business decisions.

Course Objective

Finance is an exciting, challenging, and ever-changing discipline. Changing technology and increased globalization are dramatically transforming financial practices and markets. These render a radical change in policies and strategies of finance professional working in the changing financial environment. A business student has to be associated with this changing environment. Therefore, the present course titled "Principles of Finance" has



been strived to communicate the excitement and to demonstrate how these changes are affecting finance and other aspects of business.

Course Learning Outcomes (CLO)

At the end of the course, students will be able to:

CLO1	Know about the nature and scope of finance
CLO2	Capture the understanding of the structure of financial markets
CLO3	Recognize important concepts of time value of money and risk-return relationship
CLO4	Acquire required knowledge about the processes of short-term and long-term financing and their consequences
CLO5	Know about the insights and techniques of making decisions and judgment regarding current assets like cash, accounts receivable, and inventory
CLO6	Know about the tools for quantitative analysis of past financial performance

Mapping of CLOs to PLOs

	PLO1	PLO2	PLO3	PLO4	PLO5
CLO1	3	3	1	3	3
CLO2	3	3	1	3	3
CLO3	3	3	3	3	2
CLO4	3	3	2	3	2
CLO5	3	3	2	3	3
CLO6	3	2	2	3	2
Average	3	2.83	1.83	3	2.5

(Level of integration: 3-High, 2-Medium, 1-Low)

Course Plan: Teaching-Learning & Assessment Strategy mapped with CLOs

Topic	Hours	Teaching-Learning Strategy	Assessment Strategy	Corresponding CLOs
1. Overview of Finance Finance and Financial Management, Functions of Financial Manager, Fundamentals Financial Decisions, Objectives of Financial Management, Relationship between Finance and Accounting, and Agency Problem.	6	Lecture	Quiz	1
2. The Financial Market Environment Financial Asset and Financial Market, Financial Transactions, and Financial Institutions & Financial Intermediaries.	6	Lecture & Class Participation	Assignment & Test	1, 2
3. Time Value of Money Concept of Time Value of Money, Simple and Compound Interest, Discounting and Compounding, and Annuity.	6	Lecture & Group Discussion	Test	3
4. Risk and Return Concept of Risk	6	Lecture	Test	3

and Return, Components of Return, Relationship between Risk and Return, Various Types of Risk, and Measurement of Risk.				
5.Sources of Financing Short-term versus Long-term Sources, Various Sources of Financing, and Measurement of Cost of Financing.	6	Lecture	Test & Quiz	4
6.Management of Current Assets Management of Cash, Accounts Receivable, and Inventory.	6	Lecture	Test	1 & 5
7.Financial Statement Analysis Concept of Financial Statement and Financial Statement Analysis, Need for Financial Statement Analysis, Various Methods for Financial Statement Analysis.	9	Lecture & Group Discussion	Assignment & Test	6

Textbook(s)

Principles of Managerial Finance - Lawrence J. Gitman and Chad J. Zutter

Reference(s)

1. Fundamentals of Financial Management - Eugene F. Brigham and Joel E. Houston
2. Introduction to Financial Management - Charles P. Jones

Assessment and Evaluation

Bloom's Category	Assignments	Quizzes	Mid-term	Final-term	Total
Remember		10	05	05	20
Understand	05		05	05	15
Apply			05	05	10
Analyze			05	10	15
Evaluate			05	15	20
Create	05		05	10	20
Total	10	10	30	50	100

Grading System: As per UGC recommendation

FIN-0412-311: BANK MANAGEMENT

Credit Hours: 3

Rationale of the Course:

The course aims to assess their comparative international importance, significance in the economy, legislative and regulatory landscape and the financial services they initiate and consume.

Course Objective

Financial services are the mechanisms by which the financial surpluses of some groups in society are channeled into investment. This course aims to instruct in two ways: Firstly, it explores institutional financial services. Banks, pension schemes, insurance companies, mutual funds, corporations, charities and trusts are examined. The course aims to assess their comparative international importance, significance in the economy, legislative and regulatory landscape and the financial services they initiate and consume. Secondly, the module explores business of banking. It also includes numerical analysis of asset liability management, profitability analysis as well as export import financing.

Course Learning Outcomes (CLO)

At the end of the course, students will be able to:

CL01	Develop and test models that explain asset liability management
CL02	Understand bank and non-bank financial services and discriminate between them
CL03	Critically appraise the conceptual and empirical banking and financial services literature
CL04	Understand financial services legislation and regulation and its importance within the industry and the economy

Mapping of CLOs to PLOs

	PL01	PL02	PL03	PL04	PL05
CL01	3	3	1	1	3
CL02	3	3	3	2	2
CL03	3	3	1	3	3
CL04	3	3	2	2	2
Average	3	3	1.75	2	2.5

(Level of integration: 3-High, 2-Medium, 1-Low)

Course Plan: Teaching-Learning & Assessment Strategy mapped with CLOs

Topic	Hours	Teaching-Learning Strategy	Assessment Strategy	Corresponding CLOs
1. Introduction Overview of Banks and Their Services: What Is a Bank, The Services Banks Offer the Public & Trends Affecting All Banks.	3	Lecture	Test	2
2. Impact of Government Policy and Regulation on Banking Banking Regulation & Central Banking System: It's Impact on the Decisions and Policies of Individual Banks.	6	Lecture & Class Participation	Assignment & Test	2,3,4

3. Financial Statements of a Bank An Overview of Bank Balance Sheets and Income Statements, The Bank's Balance Sheet.	6	Lecture & Group Discussion	Assignment & Test	1,3
4. Components of the Income Statement (Report of Income)	3	Lecture	Test & Quiz	1, 3
5. Measuring and Evaluating Bank Performance Evaluating a Bank's Performance , Profitability Ratios: A Surrogate for Stock Values	3	Lecture	Test & Quiz	1, 3
6.Measuring Risk in Banking Basel Norms ,The Impact of Bank Size on Performance	6	Lecture	Test & Quiz	1, 3
7. Asset-Liability Management Determining and Measuring Interest Rates and Controlling a Bank's Interest-Sensitive Gap	3	Lecture, Problem Solving	Test and Quiz	3,4
8. The Concept of Duration and Managing a Bank's Duration Gap The Concept of Duration	3	Lecture and Group Discussion	Test	1, 3
9. The Investment Function in Banking Investment Instruments Available to Banks	3	Lecture and Group Discussion	Test	1,2
10. Bank Marketing Pricing Consumer and Real Estate loans	3	Lecture and Group Discussion	Test	1,2
11.Bank Marketing Pricing Deposit-Related Services & and Management Decision Objectives	3	Lecture and Group Discussion	Test	1,2
12.Credit Management Policy Development and Regulation	3	Lecture	Assignment.	4

Textbook(s)

1. Financial Institutions and Markets, Meir Kohn, Oxford University, (Latest Edition)
2. Commercial Bank Management by Peter S. Rose. (Latest Edition).

Reference(s)

1. Howells, P., and Bain, K. 2008, the Economics of Money, Banking and Finance Fourth Edition. Financial Times Prentice Hall.
2. Mishkin, F. S., and Eakins, S. G., Financial Markets and Institutions. 8th Edition, Addison Wesley Longman.
3. Stephen Valdez. An Introduction to Global Financial Markets. 7th Edition 2013. Palgrave Macmillan.



4. Davis, P. E., and Steil, B., Institutional Investors. MIT Press.
5. Dr. Kabir Hassan, Banking and Finance in Bangladesh. .
6. Hennie Van Greuning. & Sonja Brajovic Bratanovic. (Latest edition), Analyzing and Managing banking risk.
7. Donald H. Chew, Jr., The New Corporate Finance. (Latest Edition).

Assessment and Evaluation

Bloom's Category	Assignments	Quizzes	Mid-term	Final-term	Total
Remember		10		05	15
Understand	05	10	05	05	25
Apply			05	10	15
Analyze	05	05	05	10	25
Evaluate			05	05	10
Create	05			05	10
Total	15	25	20	40	100

Grading System: As per UGC recommendation

HRM-0413-301: HUMAN RESOURCE MANAGEMENT

Credit Hours: 3

Course Rationale:

A comprehensive analysis of key HRM concepts, techniques and relevant cotemporary issue discussion is dominantly covered in this course. The vital role of HRM in performance management and the crucial skills of HR professionals to successfully align business strategy with HRM is discussed in this course in a global prospect so that students can prepare themselves accordingly.

Course Objective

Human Resource Management links people-related activities to business strategy. The course develops a critical understanding of the role and functions of the various human resource activities in an organization, providing students with a comprehensive review of key HRM concepts, techniques, and issues. This course is designed around the terms and concepts and modern theories and HR practices that are well in practice today and are playing a major role in organizations. Major topics in this course include an understanding of HRM, external and internal factors affecting the HRM, HR planning, job analysis, job design, recruitment and selection, HR training and development, performance appraisal and compensation, labour relation, and labor disputes, and finally collective bargaining issues. This course will offer a firm understanding of employer, employees, organization, our society, business practices, ethics, and discrimination in the job from different angles. Ample examples will be provided, and a number of case incidents will be discussed for better understanding of the subject

Course Learning Outcomes (CLO)

At the end of the course, students will be able to:



CL01	have firm understanding of the HRM terms and concepts and practices
CL02	apply the knowledge gained from this course in real world in helping organizations to gain competitive advantage
CL03	think critically and dissect a controversial topic pertaining HRM and debate their points of views
CL04	Demonstrate effective written and oral communication, research skills and learn how to dissect a complicated case and prepare a report professionally
CL05	Recognize and discuss the critical role that effective people management plays in building and maintaining competitive advantage in contemporary organizations

Mapping of CLOs to PLOs

	PLO1	PLO2	PLO3	PLO4	PLO5
CL01	3	3	3	2	2
CL02	3	3	3	3	2
CL03	3	2	3	3	2
CL04	3	3	3	3	3
CL05	3	3	3	3	3
Average	3	2.8	3	2.8	2.4

(Level of integration: 3-High, 2-Medium, 1-Low)

Course Plan: Teaching-Learning & Assessment Strategy mapped with CLOs

Topic	Hours	Teaching-Learning Strategy	Assessment Strategy	Corresponding CLOs
1. Introduction to Human Resource Management (What human resource management is and how it relates to the management process, human resources responsibilities of line and staff (HR) managers, important trends influencing human resource management, Line and Staff Aspects of Human Resource Management, List and briefly describe important traits of today's human resource managers, Define, and give an example of evidence-based human resource management)	3	Lecture	Quiz and open discussion	1
2. The Strategic Role of Human Resource Management (e seven steps in the strategic	3	Lecture	Case solving & Exam	1, 2

management process, strategic human resource management, and give an example of strategic human resource management in practice, examples of HR metrics, what employers can do to have high-performance systems, explain how you would design a program to improve employee engagement)				
3. Job Analysis (Importance of human resource planning, steps involved in the human resource planning process, nature and process of job analysis, methods of collecting job analysis information, job descriptions, including summaries and job functions, using the Internet and traditional methods, write a job specification, explain competency-based job analysis, including what it means and how it is done in practice)	6	Lecture & open discussion (brainstorming)	Assignment & Quiz	1, 2, 4
4. Personnel Planning and Recruiting (Workforce planning, and explain how to develop a workforce plan, the need for effective recruiting and how to make recruiting more effective, the main internal sources of candidates, how to use recruiting to improve employee engagement, the main outside sources of candidates, and create an employment ad, how to recruit a more diverse workforce, practical guidelines for obtaining application information)	6	Lecture	Exam & Quiz	1, 2, 5,
5. Employee Testing and Selection (Why is it important to test and select employees, what is meant by reliability and validity, e the basic categories of selection tests,	3	Lecture and small case discussion (brainstor	Exam & Quiz	1,2,4,5

with examples, how to use two work simulations for selection, ways to improve an employer's background checking process)		ming)		
6. Interviewing Candidates (Main types of selection interviews, e main errors that can undermine an interview's usefulness, define a structured situational interview and explain how to conduct effective selection interviews, examples of how to use employee selection to improve employee engagement, the main points in developing and extending the actual job offer)	3	Lecture	Role playing activity	1,2,4
7. Training and Developing Employees (Purpose and process of employee orientation, how to design on boarding to improve employee engagement, steps in the training process, n how to use five training techniques, four management development methods, importance of the steps in leading organizational change, why a controlled study may be superior for evaluating the training program's effects)	6	Lecture	Role playing activity & case solving	1, 2,3,5
8. Performance Management and Appraisal (Describe the performance appraisal process, Discuss the pros and cons of at least eight traditional performance appraisal methods, give examples of how to deal with potential appraisal error problems, List steps to take in the appraisal interview, key points in how to use the appraisal interview to boost employee engagement, explain how you would take a performance management	3	Lecture	Exam & Quiz	1, 2,5

approach to appraisal)				
9. Benefits and Services (Name and define each of the main pay for time not worked benefits, describe each of the main insurance benefits, Discuss the main retirement benefits, explain main employees' services benefits, Explain the main flexible benefit programs)	6	Lecture	Quiz	1,2,4
10. Rewards & Pay Plans (Explain the various classifications of rewards, discuss why we call some rewards membership based, Define the goal of compensation administration, discuss job evaluation and its three basic approaches, Explain the evolution of the final wage structure, describe competency-based compensation programs, discuss why executives' salaries are significantly higher than those of other employees, Describe the balance-sheet approach to international compensation)		Lecture, interactive session, video tutorial, puzzle interviews	Exam & Quiz	1,2,4
11. Managing Global Human Resource (List the HR challenges of international business, illustrate with examples how inter-country differences affect HRM, List and briefly describe the main methods for staffing global organizations, discuss some important issues to keep in mind in training, appraising, and compensating international employees, explain with examples how to implement a global human resource management program)	3	Lecture & open discussion (brainstorming)	Case solving	1.4.5
12. Managing HR in small and Entrepreneurial Firms (Explain why HRM is important to	3	Lecture & open discussion	Case solving	1.4.5

small businesses, how small business HRM is different from that in large businesses, how entrepreneurs can use Internet and government tools to support the HR effort, Ways entrepreneurs can use in their small firms to improve their HR processes, discuss how you would choose and deal with a professional employer organization, Describe how you would create a startup human, Resource system for a new small business.)		(brainstorming)		
--	--	-----------------	--	--

Textbook(s)

Garry Dessler, Human Resource Management, 15th Edition, 2017, Prentice Hall, ISBN-13: 978- 0132668217

Reference(s)

1. Human Resource Management, Lloyd L. Byars and Leslie Rue, 13th edition, September, 2010
2. Journals and Online Magazines: Journal of Human Resource Management, Journal of Asian Business studies.

Assessment and Evaluation

Bloom's Category	Assignments and Case solving	Quizzes	Mid-term	Final-term	Total
Remember		10	05	05	20
Understand	05	05	05	05	20
Apply	05	05		05	20
Analyze	05		05	10	15
Evaluate			05	05	10
Create	05			10	15
Total	20	20	20	40	100

Grading System: As per UGC recommendation

HRM-0413-381: EMPLOYMENT LAW



Credit Hours: 3

Course Rationale:

This course purposes to explore the common employment related issues within the organizations in Bangladesh and creating an awareness of the current laws and regulations relevant to those issues.

Course Objective

This course is designed to provide students a basic understanding and application of labor/employment laws of Bangladesh with necessary interpretations. It is inevitable for the present & future managers to be conversant with the laws of the country that regulate the workers-unions-employers-government relationships in the workplaces. The course will explore the realities and myths of what constitute the workers' and employers' rights and responsibilities in the workplace.

Course Learning Outcomes (CLO)

At the end of the course, students will be able to:

CLO1	understand of the roles, rights and responsibilities of all parties to the employment relationship
CLO2	apply their knowledge of employment law to a range of hypothetical problems
CLO3	communicate employment law, using appropriate methods, to wide range of audiences with different levels of knowledge and expertise
CLO4	analyse the existing legal regulations, recent developments as well as proposals for change businesses

Mapping of CLOs to PLOs

	PLO1	PLO2	PLO3	PLO4	PLO5
CLO1	3	3	3	2	3
CLO2	3	3	3	2	2
CLO3	2	2	1	3	1
CLO4	2	3	3	3	2
Average	2.5	2.75	2.5	2.5	2

(Level of integration: 3-High, 2-Medium, 1-Low)

Course Plan: Teaching-Learning & Assessment Strategy mapped with CLOs

Topic	Hours	Teaching-Learning Strategy	Assessment Strategy	Corresponding CLOs
1. A Review of Human Resource Management (HRM) Nature of HRM, Functions of HRM, Structure of an HR Department, functions of an industrial/employee relations manager.	4.5	Lecture & Class Participation	Test & Quiz	1, 3
2. Overview of Bangladesh Labor Act 2006	4.5	Lecture	Test & Quiz	1, 2, 4

Historical Background of BLA 2006, Definitions of key terms of BLA 2006, Amendments of BLA 2006, Non-Applicability of BLA 2006; Key provisions of Section 2 of BLA 2006.				
3. Appointment and Conditions of Employment lay off, lock-out, discharge, dismissal, retrenchment, misconduct and its punishment, grievance procedure.	7.5	Lecture	Test & Case Analysis	1, 2, 4
4. Employment of Young Persons and Maternity Benefits Defining child, adolescent, and adult. Provisions for employment of child, adolescent, and adult. Right to and liability for the payment of maternity benefits, amount of maternity benefits, calculation of maternity benefits.	6	Lecture & Class Participation	Test & Case Analysis	1, 2, 3, 4
5. Safety, Health, and Welfare of Employees Important provisions related to safety, health, and welfare of workers such as neatness and cleanliness, ventilations and temperature, drinking water, safety of building and machinery, obligation of using personal protective apparatus, dangerous operations, first-aid appliances, canteen, day care center, compulsory group insurance.	7.5	Lecture & Class Participation	Test & Case Analysis	1, 2, 4
6. Working Hours and Leave Weekly holiday, annual leave, sick leave, casual leave, festival holidays.	4.5	Lecture	Test	1, 2, 4
7. Wages, Wage Board, and Compensation for Injury caused by Accident Laws related to payment of wages, establishment of minimum wage board and its functions, employers'	4.5	Lecture	Test	1, 2, 3

responsibly for payment of compensation.				
8. Trade Unions and Industrial Relations Trade unions, collective bargaining process, formation and functions of participation committee, unfair labor practices, industrial disputes and their settlement.	6	Lecture & Group Discussion	Test	1, 2, 3,4

Textbook(s)

1. Md. Abdul Halim & Masum Saifur Rahman, *The Bangladesh Labour Code, 2006*. CCB Foundation, Dhaka.
2. Nirmal Chandra Paul, *The Bangladesh Labor Code, 2006 & Other Related Laws*. Shams Publications, Dhaka.

Reference(s)

1. S A Huq, *Bangladesh Labor Code*. Dhaka.
2. Mohammad Ataul Karim, *Labour Laws of Bangladesh*. Sufi Prokashoni, Dhaka.
3. Prof. M Faruk Khan & Prof. A.K.M. Moniruzzaman, *Bangladesh Labour Law*. Dynamic Publications, Dhaka.
4. Iqbal Ahmed, *Industrial Relations and Labor Movement in Bangladesh*. IBA, Dhaka.

Assessment and Evaluation

Bloom's Category	Assignments	Quizzes	Mid-term	Final-term	Total
Remember		05		05	10
Understand		05	05	05	15
Apply	05		10	10	25
Analyze	05		10	10	25
Evaluate	05		05	05	15
Create	05			05	10
Total	20	10	30	40	100

Grading System: As per UGC recommendation

MGT-0413-201: PRINCIPLES OF MANAGEMENT

Credit Hours: 3

Course Rationale:

This course is offered to make the students aware of the various management principles, and to develop an understanding of issues involved in both managing and being managed.

Students will learn about the major challenges faced by modern organizations and the ways to overcome them using management tactics.

Course Objective

This course is designed to provide a basic framework for understanding the roles and functions of a manager and to explain the principles, concepts, and techniques that can be used in carrying out these functions.

Course Learning Outcomes (CLO)

At the end of the course, students will be able to:

CL01	Understand the concept of management from various perspectives as well as the management functions, levels, skills and managerial roles.
CL02	Identify and describe the levels and the types of culture that exists within an organization
CL03	Conduct business environment analysis and explain how a specific business strategy can help an organization gain a competitive advantage
CL04	Describe the types of organizational structures managers can design, and explain why they choose one structure over another
CL05	Understand and apply leadership and motivation theories
CL06	Explain how planning and controlling adds to an organization's goals

Mapping of CLOs to PLOs

	PLO1	PLO2	PLO3	PLO4	PLO5
CL01	3	3	2	1	1
CL02	2	1	3	3	3
CL03	3	3	2	3	2
CL04	3	3	3	2	2
CL05	2	2	1	2	3
CL06	3	2	2	3	1
Average	2.67	2.33	1.67	2.33	1.67

(Level of integration: 3-High, 2-Medium, 1-Low)

Course Plan: Teaching-Learning & Assessment Strategy mapped with CLOs

Topic	Hours	Teaching-Learning Strategy	Assessment Strategy	Corresponding CLOs
1. Overview of Management Management, Management Functions, Mintzberg's Managerial Roles, Management Skills, Management Levels, Evolution of Management Thought, Organization and the Environmental Factors, Trends and Challenges of Management in Global Scenario.	7.5	Lecture & Class Participation	Test & Quiz	1, 2, 3

<p>2. Planning Nature and Purpose of Planning, Planning process, Types of plans, Goals and Plans, Objectives, Types of Strategies, Policies, Decision Making, Types of Decision, Decision Making Process, Rational Decision Making Process, Decision Making Under Different Conditions, The Strategic Management Process, Corporate Strategies, Competitive Strategies, Techniques for Assessing the Environment, Techniques for Allocating Resources, Contemporary Planning Techniques.</p>	10.5	Lecture	Test & Quiz	3, 6
<p>3. Organizing Nature and Purpose of Organizing, Organization Structure, Work Specialization, Departmentalization, Chain of Command, Span of control, Centralization and Decentralization, Delegation of authority, Staffing, Selection and Recruitment, Career Development, Career stages, Training, Performance Appraisal, Managing Teams.</p>	10.5	Lecture & Group Discussion	Test & Assignment	4
<p>4. Leading Creativity and Innovation, Motivation and Satisfaction, Motivation Theories, Current Issues in Motivation, Leadership Styles, Leadership Theories, Leadership Issues in The Twenty-First Century, Communication, Barriers to Effective Communication, Organization Culture, Elements and Types of Culture, Managing Cultural Diversity.</p>	9	Lecture & Group Discussion	Test & Presentation	5
<p>5. Controlling</p>	7.5	Lecture	Test	6

Process of Controlling, Types of Control, Budgetary and Non-budgetary Control Techniques, Managing Productivity, Cost Control, Purchase Control, Maintenance Control, Quality Control, Managing Operations, Value Chain Management.				
---	--	--	--	--

Textbook(s)

Stephen P. Robbins and Mary Coulter, *Management*, Prentice Hall of India.

Reference(s)

1. Ricky W. Griffin, *Management*, Cengage Learning.
2. Thomas S. Bateman and Scott A. Snell, *Management*, McGraw-Hill Education.
3. Charles W. L. Hill and Steven L. McShane; *Principles of Management*, Tata McGraw Hill.
4. Heinz Weihrich and Harold Koontz, *Management: A Global and Entrepreneurial Perspective*, Tata McGraw Hill.
5. Samuel C. Certo and Tervis Certo, *Modern management: concepts and skills*. Pearson Education Limited.

Assessment and Evaluation

Bloom's Category	Quizzes	Assignments	Mid-term	Presentation	Final-term	Total
Remember	05		05		10	20
Understand	05		05	05	10	25
Apply		05	05		05	15
Analyze		05		05	10	20
Evaluate		05			05	10
Create		05	05			10
Total	10	20	20	10	40	100

Grading System: As per UGC recommendation

MGT-0413-301: ORGANIZATIONAL BEHAVIOR

Credit Hours: 3

Course Rationale:

Human resources are crucial in each functional aspects of management and equally so for the effective utilization of all other resources. This course uses a behavioral science perspective towards the understanding of human behavior at individual, group and organizational levels. With exposure to different views, concepts and experiences, it is

expected that the students will be able to examine, comprehend and effectively manage the behavior of people within the organization.

Course Objective

The aim of this course is to familiarize students with the various concepts related to how employees tend to behave in an organization and gain insights into the concepts that go into the making of a successful organization.

Course Learning Outcomes (CLO)

At the end of the course, students will be able to:

CLO1	understand and explain organizational theory as it relates to management practices, employee relations, and structure of the organization to fit its environment and operation
CLO2	describe the impact of corporate culture on employee behaviour
CLO3	recognize how different personalities with different experiences may perceive and react to situations in very different ways and adapt your approach to the situation accordingly
CLO4	apply related theories as tools for analyzing and solving personnel problems

Mapping of CLOs to PLOs

PLO/CLO	PLO-1	PLO-2	PLO-3	PLO-4	PLO-5
CLO-1	3	3	3	3	1
CLO-2	3	2	2	2	2
CLO-3	3	3	3	2	3
CLO-4	3	3	3	2	2
Average	3	2.75	2.75	2.25	2

(Level of integration: 3-High, 2-Medium, 1-Low)

Course Plan: Teaching-Learning & Assessment Strategy mapped with CLOs

Topic	Hours	Teaching-Learning Strategy	Assessment Strategy	Corresponding CLOs
1. Introduction Meaning of Organizational Behaviour, Nature of Organizational Behaviour, Contributing Disciplines, Organizational Models, Challenges & Opportunities of Organizational Behaviour.	6	Lecture & Class Participation	Test & Quiz	1, 2, 3
2. Personality & Perception Meaning of Personality, Importance of Personality, Determinants of Personality. Meaning of Perception, Perceptual Process, Factors	6	Lecture & Group Discussion	Test & Quiz	1, 2, 3

influencing Perception, Perceptual Distortion.				
3. Attitude & Learning Meaning of Attitude, Components of Attitude, Factors in Attitude Formation. Meaning of Learning, Factors affecting Learning, Theories of Learning.	6	Lecture & Group Discussion	Test & Assignment	1, 2, 3
4. Motivation Meaning of Motivation, Concepts of Motivation, Theories of Motivation, Concept of Morale.	6	Lecture & Group Discussion	Test & Presentation	2, 3
5. Group Dynamics Formal & Informal Groups, Stages of Group Development, Group vs Team, Types of Team, Group Decision, Making Techniques, Interpersonal Communication, Transactional, Analysis and its applications.	6	Lecture	Test	2, 3, 4
6. Conflicts & Stress Concept of Conflict, Meaning of Conflicts, Different Levels of conflict, Conflict Resolution: Potential Sources of Conflict, Consequences of Conflict, Coping Strategies during Conflict. Concept of Stress, Resistance to Change, Overcoming Resistance to Change.	7.5	Lecture & Group Discussion	Test & Assignment	1, 2, 3, 4
7. Organizational Development Concept & Characteristics of Organizational Development, Benefits & Limitations of Organizational Development, Concept of Organizational-Citizenship Behavior. Meaning of Power, Concept and Types of Power.	7.5	Lecture & Class Participation	Test	4

Textbook(s)

Stephen P. Robbins, *Organizational Behavior: Concepts, Controversies, Application*, Prentice Hall of India.

Reference(s)

1. Newstrom, J.W, & Davis, K. *Organizational Behaviour: Human Behaviour at Work*. McGraw Hill Education.

Assessment and Evaluation

Bloom's Category	Quizzes	Assignments	Mid-term	Presentation	Final-term	Total (100)
Remember	05		05		10	20
Understand	05	05	05	05	10	30
Apply			05		05	10
Analyze		05		05	10	20
Evaluate		05			05	10
Create		05	05			10
Total	10	20	20	10	40	100

Grading System: As per UGC recommendation

MGT-0413-305: ENTREPRENEURSHIP DEVELOPMENT AND SME MANAGEMENT

Credit Hours: 3

Course Rationale:

Developing an understanding of entrepreneurship and small business management by studying entrepreneurial strategies, and the ability of identifying new venture opportunities, and developing business plans are the core properties of this course.

Course Objective

This course focuses on the knowledge, skills, and attitude required for organizing and carrying out entrepreneurial activities. The course aims to develop the ability to analyze and understand the business situation in which entrepreneurs act.

Course Learning Outcomes (CLO)

At the end of the course, students will be able to:

CL01	Understanding the dynamic role of entrepreneurship and SMEs
CL02	Organizing and Managing SMEs
CL03	Developing a Financial Plan and Control System of the Organization
CL04	Strategic Business Planning for Different Forms of Business Ownership
CL05	New Product or Service Development
CL06	Negotiation and Intensive Interaction Skills

Mapping of CLOs to PLOs

	PLO1	PLO2	PLO3	PLO4	PLO5
CL01	3	3	2	2	1



CLO2	3	3	2	2	1
CLO3	3	3	3	2	2
CLO4	2	3	3	3	3
CLO5	2	2	3	3	2
CLO6	2	2	2	3	3
Average	2.5	2.83	2.5	2.5	2

(Level of integration: 3-High, 2-Medium, 1-Low)

Course Plan: Teaching-Learning & Assessment Strategy mapped with CLOs

Topic	Hours	Teaching-Learning Strategy	Assessment Strategy	Corresponding CLOs
1. Introduction to Entrepreneurship Know Your Country, Globalization, Meaning of the term 'Entrepreneur', Deciding to be an Entrepreneur, Choosing a Business Mentor.	3	Lecture, Visual Presentation	Test	1
2. Preliminary Preparation to become a Successful Entrepreneur: Innovative Idea, Determination, Capacity Building, Family Support, Value Experience, Financing, Redundancy, Marketing Challenge, Technology & Networking, Target Revenue, Personal Branding, Overcoming Failure, Ownership, Challenges, Involvement, Demand of the Product, and Business Trend.	3	Lecture & Class Participation	Quizzes	1 and 2
3. Start-Up Business Business Plan, Flow-chart for SME Establishment, Trade License, Registration of RJSC, Export Process Flow Chart, Import Process Flow Chart, Business Plan Format.	6	Lecture & Business Plan Development Tasks	Business Plan Presentation	2 and 3
4. New Forms of Business Strategy Blue Ocean Strategy, Venture Capital, Angel Investment, Business Incubator, and	3	Lecture	Test & Quiz	3 and 4

More.				
5. Bangladesh Bank Initiative of Entrepreneurship Development; Initiatives of Bangladesh Government for Entrepreneurship Development SME Foundation, SCITI, BCSIR, and BSCIC.	3	Lecture	Assignment	3, 4 and 5
6. Entrepreneurial Leadership Discussion on 21st Century Leadership Qualities to become a Successful Entrepreneur.	6	Lecture	Test & Quiz	4 and 5
7. Investment Decisions and Financing Products & Services for SMEs Tools and techniques of investment decision, Short and Long term financing.	6	Lecture, Problem solving	Problem Solving Tasks	4, 5 and 6
8. Communication Skills for Entrepreneurs Verbal, Non-verbal, and Written Communication, Negotiation Power, Creating Powerful Image, Knowing Others through Gestures.	6	Lecture and Group Discussion	Public Speaking Competition	4, 5, and 6
9. International Business Opportunities Types of International Business, Strategies of International Business Operations.	3	Lecture and Visual Presentation	Case Study	5 and 6

10. Management of SMEs Good Employees are Valuable Assets, Management Functions, and their Applicability, Expected Attributes & Traits of a Successful Small Business Manager, Causes of failure as a Small Business Manager, Finding Right Man for the Right Position, Management style, and Motivation Theories.	6	Lecture and Class Activities	Class Activities	1, 2, 3, 4, 5 and 6
--	---	------------------------------	------------------	---------------------

Textbook(s):

1. Jerzy Cieřlik, *Entrepreneurship in Emerging Economies: Enhancing its Contribution to Socio-Economic Development*, Palgrave Macmillan.
2. Matthias Fink and Sascha Kraus, *The management of Small and Medium Enterprises, Routledge Studies in Small Business*, Routledge.

Reference(s):

1. Calvin A. Kent, *The Environment Entrepreneurship*, Lexington Books.
2. Dr. A. R Khan, *Entrepreneurship and Small Business Development*.
3. Dr. Tanvir Mohammad Hayder Arif, *Liquidity Problems of Small Enterprises and the Role of Banks*, Available at www.amazon.com.

Assessment and Evaluation

Bloom's Category	Assignments/ Participation Viva	Quizzes	Mid-term	Final-term	Total
Remember			05	03	05
Understand	05		05	04	05
Apply	05	05	05	04	05
Analyze		05	05	03	05
Evaluate		05		03	07
Create		05		03	03
Total	30	10	20	40	100

Grading System: As per UGC recommendation

MGT-0413-331: OPERATIONS AND SUPPLY CHAIN MANAGEMENT

Credit Hours: 3



Course Rationale:

This course will provide the students with an understanding of how the efficient management of operations can be a competitive weapon in manufacturing as well as service sectors. The students will also learn about the tools and techniques necessary to develop, implement, and sustain strategies for managing supply chain issues.

Course Objective

The course is designed to provide students with an overview of Operations and Supply Chain Management. It covers different aspects of Operations Management such as Production Planning, Capacity Planning, Process Management, Quality Control, Maintenance Measures and Technology used in Production Processes. The course will also help the students to learn about the strategic importance of supply chain design, planning and operations for every firm.

Course Learning Outcomes (CLO)

At the end of the course, students will be able to:

CLO1	understand the fundamentals of Operations Management
CLO2	develop the plan for capacity of Production Facilities and Production Schedule
CLO3	develop the plan and manage logistic support for Production Management
CLO4	develop the Quality Control Measures in Operations and Maintenance Measures in Operations Management

Mapping of CLOs to PLOs

	PLO1	PLO2	PLO3	PLO4	PLO5
CLO1	3	1	2	1	2
CLO2	2	3	3	2	2
CLO3	2	3	3	2	2
CLO4	3	3	3	2	2
Average	2.5	2.5	3	2	2

(Level of integration: 3-High, 2-Medium, 1-Low)

Course Plan: Teaching-Learning & Assessment Strategy mapped with CLOs

Topic	Hours	Teaching-Learning Strategy	Assessment Strategy	Corresponding CLOs
1. Overview of Operations Management Operations As a Competitive Weapon, The scope of Operations Management; Operations Management and Decision Making; Historical Evolution of Operations Management; Trends in Business	3	Lecture	Class Test	1
2. Understanding the Supply Chain Introduction of Supply Chain; Historical Perspective;	3	Lecture	Class Test	1



The Objective of a Supply Chain, The importance of Supply Chain Decisions; Decision Phases in a Supply Chain; Process Views of a Supply Chain				
3. Operations Strategy Introduction; Competitiveness, Strategy; Productivity	3	Lecture	Assignment & Presentation	2
4. Designing Distribution Networks and Applications to Online Sales The Role of Distribution in the Supply Chain; Factors influencing Distribution Network Design; Design Options for a Distribution Network; Online Sales and Distribution Network; Distribution Networks Practice	6	Lecture & Presentation.	Midterm	2
5. Management of Quality Introduction; The Evolution of Quality Management, The Foundation of Modern Quality Management, Insights on Quality Management; Quality Awards; Quality Certification; Total Quality Management; Problem Solving; Process Improvement; Quality Tools	9	Lecture & Presentation	Midterm	2,3
6. Network Design in Supply Chain The Role of Network Design in the Supply Chain; Factors influencing Network Design Decisions; Framework for Network Design Decisions; Models for Facility Location and Capacity Allocation; Making Network Design Decisions in Practice; The Impact of Uncertainty on Network Design	6	Lecture	Midterm	3
7. Forecasting	6	Lecture	Final	2,3
8. Forecasting	3	Lecture	Final	2,3
9. Process Management	3	Lecture	Final	4
10. Process Management	3	Lecture	Final	4

Textbook(s)

OPERATIONS MANAGEMENT: 8th Edition - by William J. Stevenson

Assessment and Evaluation

Bloom's	Assignments	Quizzes	Mid-term	Final-term	Total
---------	-------------	---------	----------	------------	-------



Category	& Presentation				
Remember	0	10	0	0	15
Understand	5	10	5	5	20
Apply	5	5	5	10	30
Analyze	10	5	5	5	20
Evaluate			5	5	10
Create				5	5
Total	20	30	20	30	100

Grading System: As per UGC recommendation

MGT-0413-490: STRATEGIC MANAGEMENT

Credit Hours: 3

Course Rationale:

This integrative course is designed to develop strategic leaders who will be able to run their organizations successfully in a changing environment. The course helps students to be familiar with effective strategy formulation and implementation to outperform the competitors through achieving sustainable competitive advantages.

Course Objective

Strategic management is a big picture course. It focuses on the concept of strategy formulation and implementation by exploring the functions and nature of general management. Unlike other business courses where the subject matter was narrowly focused at a particular function such as HRM, marketing, finance, accounting, production – this course deals with the company’s entire making and environment. This is a capstone course that aims to expose students/managers to the topics relevant to managing their businesses strategically even in a tumultuous environment.

Course Learning Outcomes (CLO)

At the end of the course, students will be able to:

CLO1	Understand the basic concepts of strategic management and strategic leadership
CLO2	Know the importance of creating sustainable competitive advantage for long-term success of an organization
CLO3	Scan the dynamics of internal and external environment to have a competitively superior fit between an organization and its changing environment
CLO4	Design and implement the appropriate strategies for different levels of an organization

Mapping of CLOs to PLOs

	PLO1	PLO2	PLO3	PLO4	PLO5



CLO1	3	3	3	2	2
CLO2	2	2	3	2	1
CLO3	1	1	3	3	3
CLO4	3	3	3	3	3
Average	2.5	2.5	3	2.5	2.5

(Level of integration: 3-High, 2-Medium, 1-Low)

Course Plan: Teaching-Learning & Assessment Strategy mapped with CLOs

Topic	Hours	Teaching-Learning Strategy	Assessment Strategy	Corresponding CLOs
1. An Invitation to Strategic Management (SM) Definition strategic Management, Importance of SM, objectives of SM, SM Process, types of Strategies: deliberate and emergent strategies, Strategic leadership	9	Lecture Case Analysis	Assignment Test	1
2. External Environment Analysis Identifying potential opportunities and threats, Industry analysis: five forces model, strategic group model, industry life cycle; scanning the macroenvironment: PEST/PESTEL model analysis	6	Lecture Class Participation Case Analysis	Assignment Presentation Test	3
3. Internal Environment analysis Identifying strengths and weaknesses, basic building blocks of competitive advantage, value chain analysis, determinants of durability of competitive advantages, reasons behind companies' failures, techniques for avoiding failure and sustaining competitive advantage.	6	Lecture Group Discussion Case Analysis	Assignment Test	3
4. Strategy Formulation Designing strategies in different functional areas of a business such as human resources, finance, supply chain, marketing, research and development, etc.	6	Lecture Group Discussion Case Analysis	Test Quiz	2, 4
5. Strategy formulation at business level cost leadership, differentiation, and focus strategies	6	Lecture Case analysis	Test Quiz	2, 4

6. Strategy formulation at corporate level stability, growth, and retrenchment strategies	6	Lecture Case Analysis	Test Quiz Assignment	2, 4
7. Strategy Implementation Managing governance and ethics, designing organization structure, culture, and organization controls	6	Lecture Case Analysis Group presentation	Test Quiz Assignment	1,2, 3, 4

Textbook(s)

Hill, C. W. L., & Jones, G. R. (2014). *Strategic Management: An Integrative Approach* (9th Edition), Cengage Learning: India.

Reference(s)

- Hitt, M. A., Ireland, R. D., Hoskisson, R. E., & Manikuttu, S. (2012). *Strategic Management: A South-Asian Perspective* (9th Edition), Cengage Learning, India.
- Thompson, A. A. J, Peteraf, M., Gamble, J. E., Strickland III, A. J. (2013). *Crafting & Executing Strategy: The Quest for Competitive Advantage: Concepts and Cases* (19th Edition), McGraw-Hill, USA.
- Wheelen, T. L., Hunger, J. D., Hoffman, A. N., & Bamford, C. E. (2018). *Strategic management and business policy: Globalization, innovation, and sustainability* (15th Global Edition), Pearson, London.

Assessment and Evaluation

Bloom's Category	Class attendance and participation	Assignments/ Case Analysis/ Presentation	Quizzes	Mid-Term	Final-Term	Total
Remember	10		05			15
Understand	10		05			15
Apply		05		05	05	15
Analyze		05	10	05	05	25
Evaluate		05		05	05	15
Create		05		05	05	15
Total	20	20	20	20	20	100

Grading System: As per UGC recommendation

MIS-0612-201: FUNDAMENTALS OF MIS

Credit Hours: 3

Rationale of the Course:

Informational systems have become a pivotal feature in contemporary business. Understanding the management practices associated with informational technology can make you an instant commodity for innovative companies. In today's world, it is essential



to manage the storage, transmission and analysis of information. Studying the management of informational systems allows you to understand the demands put on employees and practical ethical challenges that may arise in the future.

Course Objective:

Business students should be able to analyze different managerial models and implement proper Information technology to achieve better profitability for the organization. That is why, this 'Management Information Systems' course is taught as part of the BBA degree. Studying this course, students should be able to use information systems in operational and strategic management level.

Course Learning Outcomes (CLO)

At the end of the course, students will be able to:

CLO1	Analyze different managerial models and implement proper Information technology to achieve better profitability for the organization
CLO2	Use Management Information Systems in operational and strategic management level
CLO3	Know how Information System is developed and the problems and solutions associated with the development
CLO4	Taking up information systems management positions in the future

Mapping of CLOs to PLOs

	PLO1	PLO2	PLO3	PLO4	PLO5
CLO1	3	3	1	2	3
CLO2	3	3	3	3	3
CLO3	3	3	1	2	3
CLO4	3	3	3	3	3
Average	3	3	2	2.5	3

(Level of integration: 3-High, 2-Medium, 1-Low)

Course Plan: Teaching-Learning & Assessment Strategy mapped with CLOs

Topic	Hours	Teaching-Learning Strategy	Assessment Strategy	Corresponding CLOs
1. Information Systems in Global Business Today Information System; Dimensions of Information System; Contemporary Approaches to Information System; the Role of Information System in Businesses Today- Transforming Business by Information Systems, Management Information Systems, The Emerging Digital Firm; Strategic Business Objectives of Information Systems, Business Information Value Chain,	5	Lecture, Case –study Discussion, Video session on the topic	Test, Quiz, Assignment	1

Complementary Asset.				
2.Global E-Business and Collaboration Business Processes and Information Systems; Types of Information Systems- Systems for Different Management Groups, Systems for Linking the Enterprise, Systems for Collaboration and Teamwork; Business Benefits of Collaboration and Teamwork; Tools and Technologies for Collaboration and Teamwork	5	Lecture, Case –study Discussion, Video session on the topic	Test, Quiz, Assignment	2
3.Information Systems, Organizations, and Strategy Organizations and Information Systems; Economic Impacts Organizational and Behavioral Impacts of Information System over Organizations and business firm, Implications for the Design and Understanding of Information Systems; Using Information Systems to Achieve Competitive Advantage; Value web, Synergies.	5	Lecture, Case –study Discussion, Video session on the topic	Test, Quiz, Assignment	4
4. Ethical & social issues related to systems Key technology trends that raise ethical issues, Professional codes of conduct, Property rights: Intellectual property, Challenges to intellectual property rights.	5	Lecture, Case –study Discussion, Video session on the topic	Test, Quiz, Assignment	2
5. IT infrastructure and emerging technology: Evolution of IT infrastructure, Infrastructure components: Computer hardware platform, Operating system platform, Data management & Storage, Telecommunication platform, Internet platform. Grid Computing, Cloud Computing. Linux, Java, Mashups & Widgets. Software Outsourcing.	5	Lecture, Case –study Discussion, Video session on the topic	Test, Quiz, Assignment	2
6. Databases & Information	5	Lecture, Case	Test, Quiz,	5

Management DBMS, Relational DBMS, Object-Oriented DBMS, Querying, Reporting Normalization, Entity-Relationship Diagram, Data Warehouses, Data Marts, OLAP. Data Mining, Databases & the web.		–study Discussion, Video session on the topic	Assignment	
7. Telecommunication, the internet & wireless technology Telecommunication & networking in today’s business world, Internet Addressing & Architecture Domain Name System, IPV 6, Wireless technologies and VOIP.	5	Lecture, Case –study Discussion, Video session on the topic	Test, Quiz, Assignment	3
8. Securing Information Systems System Vulnerability and Abuse; Business Value of Security and Control; Establishing a Framework for Security and Control; Technologies and Tools for Protecting Information Resources	4	Lecture, Case –study Discussion, Video session on the topic	Test, Quiz, Assignment	3
9. Achieving Operational Excellence and Customer Intimacy: Enterprise Applications Enterprise Systems; Business Value of Enterprise Systems; Information Systems and Supply Chain Management; Global Supply Chains and the Internet; Business Value of Supply Chain Management Systems, Customer Relationship Management Systems; Business Value of Customer Relationship Management Systems; Enterprise Applications: New Opportunities and Challenges	3	Lecture, Case –study Discussion, Video session on the topic	Test, Quiz, Assignment	5
10. Building Information Systems Business Process Reengineering, Completing Systems development process, Computer aided software engineering, Prototyping.	3	Lecture, Case –study Discussion, Video session on the topic	Test, Quiz, Assignment	5

Textbook(s)



1. Laudon, K.C. & Laudon, P., *Management information systems: Managing the digital firm*, 11th international edition, Pearson Education
2. O'Brien, J.A., *Management information systems: Managing information technology in the networked enterprise*, 8th ed, McGraw-Hill.

Assessment and Evaluation

Bloom's Category	Assignments	Quizzes	Lab	Mid-term	Final-term	Total
Remember		05		04	05	14
Understand	04	05	05	04	05	23
Apply	04	05	05	04	05	23
Analyze	04		05	04	05	18
Evaluate	04			04	05	13
Create	04				05	09
Total	20	15	15	20	30	100

Grading System: As per UGC recommendation

MKT-0414-201: PRINCIPLES OF MARKETING

Credit Hours: 3

Rationale of the Course:

The course provides students with an overview of the marketing function with an emphasis on creating value through market research, consumer behavior, pricing strategies, marketing channels, and various methods of promotion.

Course Objective

Principles of Marketing is an introductory course that is designed to give the students a clear idea regarding general marketing principles and practices.

Course Learning Outcomes (CLO)

At the end of the course, students will be able to:

CLO1	Demonstrate understanding of marketing terminology and concepts
CLO2	Demonstrate an understanding of how marketing fits with the other business disciplines within an organization
CLO3	Understanding marketer's role in the strategic orientation of the business decision making through developing comprehensive marketing plan

Mapping of CLOs to PLOs

	PLO1	PLO2	PLO3	PLO4	PLO5
CLO1	3	3	1	2	1
CLO2	3	3	3	3	1

CLO3	3	3	3	3	2
Average	3	3	2.5	3	1.5

(Level of integration: 3-High, 2-Medium, 1-Low)

Course Plan: Teaching-Learning & Assessment Strategy mapped with CLOs

Topic	Hours	Teaching-Learning Strategy	Assessment Strategy	Corresponding CLOs
1. Marketing in a changing world Definition of marketing, Goals of Marketing, Core Marketing Concepts, Developing the Marketing Mix, Marketing Management Philosophies, Building Customer Relationship, Connections with Marketing's Partners, Major challenges in the connected world	6	Lecture	Test	1
2. Company & Marketing Strategy Developing Marketing Strategies and Plans, Defining a Market- Oriented Mission, Setting Company Objectives and Goals, Designing the Business Portfolio, Planning & marketing other functional strategies	6	Lecture	Assignment & Test	2
3. Analyzing the Marketing Environment Key Environments, The Microenvironment, The Macro environment, Responding to the Marketing Environment	6	Lecture & Group Discussion	Assignment & Test	3
4. Marketing in the Digital Age Major Forces Shaping the Digital Age, E-Commerce Domains, Conducting E-Commerce, Promise and Challenges of E-Commerce	6	Lecture	Test & Quiz	3
5. Consumer Markets and Consumer Buying Behavior Model of Consumer Behavior, Factors Influencing Consumer Behavior, Characteristics Affecting Consumer Behavior, Types of Buying-Decision Behavior, The Buyer Decision Process, Stages in the Adoption Process	3	Lecture	Test & Quiz	3
6. Business Markets and Business Buyer Behavior Definition of Business Market, Business Buyer Behavior, Major Influences on Business Buyers, Institutional and Government Markets	3	Lecture	Quiz & Presentation	3



7. Market Segmentation, Target Marketing and Market Positioning Building the Right Relationships with the Right Customers, Market Segmentation, Target Marketing, Market Positioning	6	Lecture	Quiz & Presentation	3
8. Product, Service & Brand Strategy Decisions Definition of Product and Service, Product and Service Decisions, Branding Strategy, Services Marketing, Additional Product Considerations	3	Lecture and Group Discussion	Test	3
9. New-Product Development and Product Life-Cycle Strategies New Product Development Strategy, Product Life-Cycle Strategies, Marketing Strategies	3	Lecture	Test	3
10. Integrated Marketing Communication Strategy Definition of Integrated Marketing Communications, The Communication Process, Developing Effective Communication, Setting the Promotional Budget and Mix, Socially Responsible Communications	3	Lecture	Test	3

Textbook(s)

1. Text Book: Principles of Marketing, Philip Kotler & Gray Armstrong 13th Edition
2. Marketing, 5th edition by Druv Grewal and Michael Levy, McGraw-Hill Irwin.

Assessment and Evaluation

Bloom's Category	Assignments/ Presentation	Quizzes	Mid-term	Final-term	Total
Remember		10	05	05	20
Understand	05		05	15	20
Apply			05	10	15
Analyze			05	15	20
Evaluate			05	05	10
Create	05		05	05	15
Total	10	10	30	50	100

Grading System: As per UGC recommendation



Major & Minor courses of Finance:

FIN-0412-303: CORPORATE FINANCE

Credit Hours: 3

Rationale of the course:

This course acquaints students to the theories and practices of corporate finance and assists them in determining the best suitable financial solutions for organizations that will benefit the company's long-term growth and development.

Course Objective:

This course focuses on fundamentals of modern corporate financial decision in light of investment, financing and dividend distribution. While building upon introductory courses in accounting, economics and quantitative analysis, this course develops distinctive conceptual frameworks and specialized tools which are essential for solving real world financial problems at both the individual and corporate level.

Course Learning Outcomes (CLO):

At the end of the course, students will be able to:

CLO1	Understand the nature and concept of corporate finance
CLO2	Understand role of corporate finance in decision making process
CLO3	Identify the major corporate investment, financing, dividend payout, risk management, and other related decisions.
CLO4	Use the standard models of corporate finance to interpret and analyse real problems.

Mapping of CLOs to PLOs

PLO/CLO	PLO-1	PLO-2	PLO-3	PLO-4	PLO-5
CLO-1	3	2	3	2	1
CLO-2	3	3	2	3	1
CLO-3	3	3	2	3	3
CLO-4	2	3	3	3	3
Average	3	3	2.5	3	2

(Level of integration: 3-High, 2-Medium, 1-Low)

Course Plan: Teaching-Learning & Assessment Strategy mapped with CLOs

Topic	Hours	Teaching-Learning Strategy	Assessment Strategy	Corresponding CLOs

<p>1. An Overview of Financial Management: The different types of finance, Forms of business organization, The role of finance within a business, The responsibility of finance staff, The different types of security, The goals of a corporation, Agency problems in financial management, Managers actions to maximize stockholder wealth, Market efficiency.</p>	3	Lecture	Test 1	1
<p>2. Risk and Rate of Return: Risky and risk free investments, The required rate of return, The real risk free rate, Factors affecting the nominal risk free rate, the risk premium, Sources of risk, Risk aversion, Returns as a random variable, Expected return, variance, covariance and correlation for individual securities.</p>	6	Lecture & Problem solving	Test 1	2, 3
<p>3. Asset Pricing Model: Introduction, The assumptions of capital market theory, The capital market line, Systematic and firm-specific risk, Beta: a measure of systematic risk, the capital asset pricing model, the security market line</p>	6	Lecture & Problem solving	Mid term	3,4
<p>4. Bonds: Introduction, Bond valuation, The relationship between the coupon rate, Price-yield curves, The relationship between bond maturity and price , Calculating the YTM, Bond equivalent yields.</p>	6	Lecture, Class participation & Problem solving	Mid term & Assignment	2, 3
<p>5. Leverage: Breakeven analysis, Operating leverage, financial leverage, Total leverage.</p>	6	Lecture & Problem solving	Mid term & Assignment	3,4
<p>6. Interest Rate Risk: Introduction, The full valuation approach, The duration/convexity approach, Duration, Effective duration for bonds with embedded options, Modified duration and Macaulay</p>	3	Lecture	Test 2	2, 3

duration, The interpretation of duration, Portfolio duration, Convexity.				
7. Capital Structure: Types of capital, Capital structure theory-MM theory of relevance, Signaling theory, Tradeoff theory, Debt & Signaling, the optimal capital structure.	6	Lecture, Class participation & Problem solving	Final Exam	3,4
8. Dividend Policy: The dividend irrelevance proposition, The bird-in-the-hand theory, The tax preference theory, Dividends and signaling, The clientele effect, Dividend growth, The residual dividend model, The dividend payment procedure, Stock dividends and stock splits, Stock repurchases.	6	Lecture, Class participation & Problem solving	Final Exam	3,4
9. Leasing: Basic type of Leases, Leasing Arrangements, Lease vs. Purchase, Advantage & disadvantages of leases, Effects of leases on future financing.	3	Lecture	Final Exam	2, 3

Textbook(s)

Brigham and Houston. Fundamentals of financial management. South-Western.

Reference(s)

1. Brealey Myers. Principles of corporate finance. Tata Mcgraw Hill edition.
2. Ross, Westerfield, Jordan. Fundamentals of corporate finance. Tata Mcg\Graw Hill.
3. Catherine Gowthorpe. Business accounting and finance for non-specialist.
4. Frank Reilly and Keith Brown. Investment analysis and Portfolio management, Thomson.

Assessment and Evaluation

Bloom's Category	Assignments (15)	Test 1 & 2 (25)	Mid-term (Test) (30)	Final-term (Test) (30)	Total (100)
Remember		10	05	05	20
Understand	05	05	05	05	20
Apply	-	05	05	05	15
Analyze	05	05	05	05	20
Evaluate	-	-	05	05	10
Create	05	-	05	05	15
Total	15	25	30	30	100

Grading System: As per UGC recommendation



FIN-0412-306: FINANCIAL MARKETS & INSTITUTIONS

Credit Hours: 3

Rationale of the Course:

Students should be able to learn the nature and purpose of different types of financial markets & institutions in the international context, the techniques available and to have an appreciation of the underlying theories of modern finance.

Course Objective:

Students should be able to learn the nature and purpose of different types of financial markets & institutions in the international context, the techniques available and to have an appreciation of the underlying theories of modern finance. The course covers the theory and practice of financial intermediation and provides a contextual appreciation of the changes taking place in the global economy and issues. It helps to understand how financial market & institutions benefit today's economy.

Course Learning Outcomes (CLO)

At the end of the course, students will be able to:

CLO1	Have a contextual appreciation of the changes taking place in the global economy and issues.
CLO2	How financial market and institutions benefit today's economy.
CLO3	Understand interest rate and monetary policy.
CLO4	By examining the risks facing modern financial managers, and the various strategies to manage the risk.

Mapping of Course Learning Outcomes (CLOs) to Program Learning Outcomes (PLOs):

PLO/CLO	PLO-1	PLO-2	PLO-3	PLO-4	PLO-5
CLO-1	3	3	2	1	2
CLO-2	3	3	1	2	2
CLO-3	3	3	2	3	3
CLO-4	3	3	2	3	3
Average	3	3	2	2.5	2.5

(Level of integration: 3-High, 2-Medium, 1-Low)

Course Plan: Teaching-Learning & Assessment Strategy mapped with CLOs

Topic	Hours	Teaching-Learning Strategy	Assessment Strategy	Corresponding CLOs
-------	-------	----------------------------	---------------------	--------------------



1. Introduction: An Overview Financial Market and Institutions, Primary Market vs. Secondary Market, Money Market vs. Capital Market, Financial Market Regulation, Foreign Exchange Market, Unique Economic Function Provided by Financial Institutions, Regulation of Financial Institutions, Globalization of Financial Market and Institutions.	3	Lecture	Test	2
2. Determinants of Interest Rate: Time value of money & Interest rate, Loanable Fund Theory, Movements of interest rate over time, Determinants of interest rate, Term structure of interest rate.	6	Lecture & Class Participation	Assignment & Test	1,2,3
3. International Monetary Policies & Strategies: Major Duties & Responsibilities of Federal Reserve System, Structure of Federal Reserve System, Monetary Policy Tools, The Federal Reserve System with money supply & interest rate, International Monetary policies & strategies.	6	Lecture & Group Discussion	Assignment & Test	1,3
4. Money Markets: Definition of Money Market, Money Market Securities, Money Market Participants, International Aspects of Money Market.	3	Lecture	Test & Quiz	1,2, 3
5. Bond Market: Interest Rate and Security Valuation, Various Interest Rate Measures, Bond Valuation, Impact of Interest Rate, Coupon and Maturity Changes on Security Value, Duration, Bond Market Securities, Bond Market Participants.	3	Lecture & Problem solving	Test & Quiz	1, 2, 3
6. Mortgage Market: Definition of Mortgages & Mortgages Backed securities, Primary and Secondary Market, Participants in Mortgage Market, International Trends in Securitization.	3	Lecture	Test & Quiz	1,2,3
7. Stock Markets: Stock Market Securities, Primary Market, Secondary Market, Market Indexes, Economic Indicator, Market	3	Lecture & Problem Solving	Test and Quiz	1,2,3

Efficiency.				
8. Foreign Exchange Market: Background and History, Rates and Transaction, Interaction of Interest Rate, Inflation and Exchange Rate, and Balance of Payment.	3	Lecture and Problem solving	Test	1,2, 3
9. Derivatives Securities Market: Market Overview, Comparison between Forward and Future, Different types of Option, Swaps.	3	Lecture and Group Discussion	Test	1,2,4
10. Depository Institutions: Overview of Commercial bank, Insurance company, Finance company, and Securities firm & Investment banks.	9	Lecture and Group Discussion	Test	2,3, 4
11. Risk Management in Financial Institutions: Types of risks, Credit risk, liquidity risk, Interest rate & insolvency risk.	3	Lecture and Group Discussion	Test	3,4

Textbook(s)

1. Anthony Saunders & Marcia Millon Cornett, Financial Market & Institutions. (9th Edition), McGraw Hill.

Reference(s)

1. Frank J. Fabozzi, Franco Modigliani, Frank J. Jones, Michael G. Ferri, Foundations of Financial Markets & Institutions. (Latest edition), Pearson Education Asia.

Assessment and Evaluation

Bloom's Category	Assignments (15)	Quizzes (25)	Mid-term (Test) (20)	Final-term (Test) (40)	Total (100)
Remember	-	10	-	05	15
Understand	05	10	05	05	25
Apply	-	-	05	10	15
Analyze	05	05	05	10	25
Evaluate	-	-	05	05	10
Create	05	-	-	05	10
Total	15	25	20	40	100

Grading System: As per UGC recommendation



FIN-0412-440: INSURANCE AND RISK MANAGEMENT

Credit Hours: 3

Rationale of the course:

The program teaches students critical skills and techniques for identifying, quantifying, and managing the ever-changing risks that individuals and businesses face in this modern world. And, it also helps them to understand different insurance policies available to minimize risk exposure.

Course Description

The aim of this course is to learn about basics of risk management and insurance decisions made by both individuals and enterprises.

Course Learning Outcomes (CLO):

After completing the course, the student should be able to:

CLO1	Understand the nature of different types of risk, risk management techniques and operations of insurance company.
CLO2	Identify, analyze and employ appropriate method for treating different types of risk exposures.
CLO3	Select the appropriate insurance policy required for managing risk exposure of both individuals and enterprises

Mapping of CLOs to PLOs

CLO/PLO	PLO-1	PLO-2	PLO-3	PLO-4	PLO-5
CLO-1	3	3	3	1	1
CLO-2	3	3	3	3	3
CLO-3	3	3	3	3	3
Average	3	3	3	2.5	2.5

(Level of integration: 3-High, 2-Medium, 1-Low)

Course Plan: Teaching-Learning & Assessment Strategy mapped with CLOs:

Topic	Hours	Teaching-Learning Strategy	Assessment Strategy	Corresponding CLOs
1. Basic Concept in Risk Management and Insurance Risk and its Treatment, Insurance and Risk, Introduction to Risk Management, Advanced Topics in Risk Management	4.5	Lecture & Class Participation	Quiz	1
2. Risk Management Applications	6	Lecture & Class Participation	Assignment & Test	1 & 2



Risk Management Decisions, Utility Theory and Risk Management Decisions, Decision Theory and Risk Management Decisions, The Rules of Risk Management, Risk Characteristics as Determinants of the Tool, The Special Case of Risk, Reduction,				
3. The Insurance Device The Nature and Functions of Insurance, Risk Sharing and Risk Transfer, Insurance Defined from the Viewpoint of the Individual, Insurance Defined from the Viewpoint of Society, The Economic Contribution of Insurance, Elements of an Insurable Risk	6	Lecture & Group Discussion	Assignment & Test	1 & 2
4. The private insurance industry Types of Insurers and Marketing Systems, Insurance Company Operations Financial Operations of Insurers, Government Regulation of Insurance	6	Lecture & Class Participation	Quiz	1
5. Legal principles in risk and insurance Fundamental Legal Principles, Analysis of Insurance Contracts	4.5	Lecture & Class Participation	Assignment & Test	1 & 3
6. Life and health risks Life Insurance, Life Insurance Contractual Provisions, Buying Life Insurance, Annuities and Individual Retirement Accounts, , Employee Benefits: Group Life and Health Insurance, Social Insurance	6	Lecture & Group Discussion	Quiz	3
7. Personal property and liability risks The Liability Risk, Homeowners Insurance, Auto Insurance, Auto Insurance and Society, Other Property and Liability Insurance Coverage.	6	Lecture & Class Participation	Test	3
8. Commercial property and	6	Lecture and	Test	3

liability risks Commercial Property Insurance, Commercial Liability Insurance, Crime Insurance and Surety Bonds, Surety Bonds and Trade Credit Insurance		Group Discussion		
--	--	---------------------	--	--

Textbook(s)

1. Principles of Risk Management and Insurance – George E Rejda & Michael McNamara (13th Edition)

Reference(s):

1. Fundamentals of Risk and Insurance – Emmett J. Vaughan & Therese M. Vaughan (11th Edition)

Assessment and Evaluation

Bloom's Category	Assignments (15)	Quizzes (25)	Mid-term (Test) (30)	Final-term (Test) (30)	Total (100)
Remember	-	20	05	05	30
Understand	10	-	05	05	20
Apply	5	5	05	05	20
Analyze	-	-	05	05	10
Evaluate	-	-	05	05	10
Create	-	-	05	05	10
Total	15	25	30	30	100

Grading System: As per UGC recommendation

FIN-0412-465: INVESTMENT ANALYSIS

Credit Hours: 3

Rationale of the course:

Students of this course will understand the fundamental principles of investment analysis, the theories and techniques of portfolio management, and the major issues that investors are currently concerned about. Furthermore, it enables students to make informed investment decisions that lower the risk of loss while increasing the return potential.

Course objective:

The course examines the current theories and practices of investment alternatives. The course objective is to acquaint students with the overall process of investment management, global market background, stock markets around the World, build specific

format for Industry & Company Analysis with in depth knowledge in security valuation, the valuation and risk management of bonds and debt instruments, the characteristics & properties of mutual funds, the characteristics & properties of hedge fund, the properties of real estate as an asset class.

Course learning outcomes (CLOs):

At the end of the course, students will be able to:

CLO1	Develop the basic theoretical and empirical knowledge of the risks and rewards from investing
CLO2	Analysis and evaluate ordinary shares and fixed income securities
CLO3	Demonstrate skills in the core investment concepts using financial information from electronic databases and start investing

Mapping of CLOs to PLOs

PLO/CLO	PLO-1	PLO-2	PLO-3	PLO-4	PLO-5
CLO-1	3	3	2	1	1
CLO-2	2	2	2	1	1
CLO-3	2	2	3	1	2
Average	2.5	2.5	2.5	1	1.5

(Level of integration: 3-High, 2-Medium, 1-Low)

Course Plan: Teaching-Learning & Assessment Strategy mapped with CLOs:

Topic	Hours	Teaching-Learning Strategy	Assessment Strategy	Corresponding CLOs
1. Introduction and Overview: The return on an investment using different methods, The historical returns on various important types of investments, The historical risks on various important types of investments, The relationship between risk and return, A brief history of risk and return.	6	Lecture	Quiz	1 & 3
2. Investment Process : The importance of an investment policy statement, The various types of securities brokers and brokerage accounts, Initial and maintenance margin, The workings of short sales.	3	Lecture & Class Participation	Test	1 & 2
3. Overview of security types:	3	Lecture &	Assignment	1 & 2

Interest bearing assets, Money market instruments, Fixed income securities, Equities, Future contracts, Option contracts.		Group Discussion	& Quiz	
4. Mutual Funds and Other Investment Companies: The different types of mutual funds, How mutual funds operate, How to find information about how mutual funds have performed, The workings of exchange-traded funds (ETFs) and hedge funds.	3	Lecture	Test	1 & 3
5. The Stock Market: The differences between private and public equity, and primary and secondary stock markets, The workings of the DSE & CSE, Index returns.	3	Lecture	Test & Assignment	2 & 3
6. Common Stock Valuation: The basic dividend discount model, Two-stage dividend growth model, The residual income and free cash flow models, Price ratio analysis.	6	Lecture	Test	2 & 3
7. Stock Price Behavior and Market Efficiency The foundations of market efficiency, Implications of the forms of market efficiency, Market efficiency and the performance of professional money managers, What stock market anomalies, bubbles, and crashes mean for market efficiency.	3			2 & 3
8. Behavioral Finance and the Psychology of Investing: Prospect theory, The implications of investor overconfidence and misperceptions of randomness, Sentiment-based risk and limits	6	Lecture, Problem solving	Quiz	2&3

to arbitrage, The wide array of technical analysis methods used by investors.				
9. Diversification and Risky Asset Allocation: Expected returns and variances for a security, Expected returns and variances for a portfolio, The importance of portfolio diversification, The efficient frontier and the importance of asset allocation.	6	Lecture and Group Discussion	Test	1&2
10. Performance Evaluation and Risk Management: The best-known portfolio evaluation measures, The strengths and weaknesses of these portfolio evaluation measures, Sharpe-optimal portfolio, Value-at-Risk.	6		Test	2&3

Textbook(s)

1. Bradford D. Jordan, Thomas W. Miller, Steven D. Dolvin, Fundamentals of investments: Valuation and Management, The McGraw-Hill, 7th edition.

Reference(s)

1. Zvi Bodie, Alex Kane, Alan J. Marcus. (2013), Essentials of Investments, The McGraw-Hill, Tenth Edition.
2. Solnik and McLeavey *International Investments*, 6th edition (Pearson Addison Wesley, 2004.)

Assessment and Evaluation

Bloom's Category	Assignments (15)	Quizzes (20)	Mid-term (Test) (30)	Final-term (Test) (35)	Total (100)
Remember	-	05	05	05	15
Understand	-	05	05	05	15
Apply	05	05	05	10	25
Analyze	05	05	05	05	20
Evaluate	05	-	05	05	15
Create	-	-	05	05	10
Total	15	20	30	35	100

Grading System: As per UGC recommendation

FIN -0412-480: INTERNATIONAL FINANCIAL MANAGEMENT

Credit Hours: 3

Rationale of the course:

International financial management offers students a unique opportunity to acquire a comprehensive perspective and understanding of finance's evolving position and nature in the global marketplace.

Course Objective

Students should be able to learn the nature and purpose of financial management in the international context, the techniques available and to have an appreciation of the underlying theories of modern finance

Course Learning Outcomes (CLO)

At the end of the course, students will be able to:

CLO1	Be able to structure the finances of an international business according to best practice of finance technique & understand the Concept of FDI.
CLO2	Understand the exchange rate & basic parity relationships in international finance.
CLO3	Understand the issues affecting the cost of capital & capital budgeting internationally.
CLO4	Understand the difference between translation, transaction and operating exposure of foreign exchange risk; be able to manage transaction risk.

Mapping of CLOs to PLOs

PLO/CLO	PLO-1	PLO-2	PLO-3	PLO-4	PLO-5
CLO-1	3	1	2	1	2
CLO-2	3	3	1	2	2
CLO-3	3	3	1	2	3
CLO-4	3	3	2	2	3
Average	3	2.5	1.5	2	2.5

(Level of integration: 3-High, 2-Medium, 1-Low)

Course Plan: Teaching-Learning & Assessment Strategy mapped with CLOs

Topic	Hours	Teaching-Learning Strategy	Assessment Strategy	Corresponding CLOs
1. Introduction: Multinational Financial Management: An Overview	3	Lecture	Test	1
2. International Flow of Funds: Current Account, Capital Account; Factors Affecting International	6	Lecture & Class Participation	Assignment & Test	1,2

Trade Flows				
3. International Financial Market: History of Foreign Exchange & Motives for Investing in Foreign Markets; Foreign Exchange Transactions	3	Lecture & Group Discussion	Assignment & Test	1,2
4. Currency Derivatives: Forward Market; Future Contract, Call Option	3	Lecture	Test & Quiz	1,2
5. Government influence on exchange Rates: Fixed & Pegged; Freely Floating Exchange Rate System & Dollarization	3	Lecture	Test & Quiz	1, 2
6. International Arbitrage and Interest Rate Parity: Locational Arbitrage, Triangular Arbitrage & Covered Interest Arbitrage	3	Lecture	Test & Quiz	2
7. IRP Theory; Relationships Among Inflation, Interest Rates, and Exchange Rates.	6	Lecture, Problem Solving	Test and Quiz	2
8. Relationships among Inflation, Interest Rates, and Exchange Rates: Purchasing power parity, International Fisher effect, Comparison of IRP, PPP & IFE Theory.	6			
9. Measuring Exposure to Exchange Rate Fluctuation: Types of Exposure - Translation Exposure, Economic Exposure, Transaction Exposure.	3	Lecture and Group Discussion	Test	4
10. Multinational Capital Budgeting: Subsidiary versus Parent Perspective, Input for Multinational Capital Budgeting, Factors in Multinational Capital Budgeting, Other Types of Multinational Restructuring.	3	Lecture and Group Discussion	Test	3
11. Multinational Cost of capital & Capital Budgeting: Back Ground of Cost of Capital, Cost of Capital for MNC, Cost of Capital across Countries, and Using Cost of capital to assess foreign projects, MNC 'capital structure	6	Lecture and Group Discussion	Test	3

decision				
----------	--	--	--	--

Textbook(s)

1. International Financial Management, Jeff Madura, Southwestern, Thomson Learning. (13th Edition, 2017)

Reference(s)

1. Multinational Financial Management, A.C. Shapiro, John Wiley & Sons, Inc. (10th Edition, 2013)

Assessment and Evaluation

Bloom's Category	Assignments (15)	Quizzes (25)	Mid-term (Test) (20)	Final-term (Test) (40)	Total (100)
Remember	-	10	-	05	15
Understand	05	10	05	05	25
Apply	-	-	05	10	15
Analyze	05	05	05	10	25
Evaluate	-	-	05	05	10
Create	05	-	-	05	10
Total	15	25	20	40	100

Grading System: As per UGC recommendation

FIN-0412-309: INTRODUCTION TO FIN TECH

Credit Hours: 3

Rationale of the course:

Emerging technologies have driven a massive transformation of finance worldwide over the last decade. To meet this change, 21st-century students must be well-informed about the industry's incredible evolution. This course provides an overview of Financial Technology (FinTech) and builds a practical skill set that allows students to critically evaluate this rapidly growing and highly competitive industry.

Course Objective

Financial technology (FinTech) is revolutionary and rapidly changing the financial services industries. This course will provide an introduction to FinTech such as blockchain, cryptocurrencies, alternative lending, machine learning, and robo-advising.

Course Learning Outcomes (CLO)

At the end of the course, students will be able to:

CLO1	Capture a broad understanding of the recent FinTech developments and its impact in the financial industries.
CLO2	Gain hands-on and problem-solving experiences that can be useful in FinTech applications and innovation.



CLO3	Develop the required infrastructure for the Fintech
CLO4	Understand the limitations of the Fintech from financial and non-financial organizations' perspectives

Mapping of CLOs to PLOs

PLO/CLO	PLO-1	PLO-2	PLO-3	PLO-4	PLO-5
CLO-1	3	2	3	3	2
CLO-2	3	3	2	3	3
CLO-3	3	2	1	1	1
CLO-4	2	3	3	2	2
Average	3	2.5	2.5	2.5	2

(Level of integration: 3-High, 2-Medium, 1-Low)

Course Plan: Teaching-Learning & Assessment Strategy mapped with CLOs

Topic	Hours	Teaching-Learning Strategy	Assessment Strategy	Corresponding CLOs
1. Introduction: Multi-dimensional perspective on what FinTech means from the perspective of large firms, entrepreneurs, investors, and consumers. Examining what FinTech is, or is not, provides a foundation upon which students can build for better understanding of opportunities and changes.	6	Lecture	Test & Quiz	12
2. Applications in Business: Applications in lending and personal finance, crowd-finding and business financing, payments and retail transactions, equity, trading and investment applications, various types of cryptocurrencies, and banking infrastructure and tools.	8	Lecture & Cases	Test & Quiz	2
3. Scope of Fintech Identity and privacy technologies, blockchain and encryption, big data	8	Lecture & Group Discussion	Test & Quiz	2

analytics, AI and automation, and consumer tech innovations. This introduction is designed to be at a level appropriate for business managers or students of business, and is not intended to excite or engage tech geeks.				
4. FinTech Infrastructure Building from scratch or leveraging existing technology, various rails, technology, foundational building blocks on how to build a fintech company.	8	Lecture & Demonstration	Test & Quiz	3
5. FinTech Around the Globe Looking at FinTech developments in Latin America, Asia and Africa as well as Middle East. Exploring various creative ways to get people access to credit, payments and banking.	7	Lecture	Test & Quiz	1 & 4
6. Fintech challenges Building on our understanding of FinTech market applications and FinTech technologies, we move in this module to examine the implications of FinTech changes and challenges for existing financial services companies, and we look at current and future trends in FinTech world-wide.	8	Lecture & Cases	Test & Quiz	4

Textbook (s)

1. The FINTECH Book: The Financial Technology Handbook for Investors, Entrepreneurs and Visionaries by Susanne Chishti, Janos Barberis

Reference(s)



1. 2Bitcoin and Cryptocurrency Technologies: A Comprehensive Introduction by Arvind Narayanan, Joseph Bonneau, Edward Felten, Andrew Miller, Steven Goldfeder, Princeton University Press, ISBN-13: 978-0691171692.
2. Ethereum: Blockchains, Digital Assets, Smart Contracts, Decentralized Autonomous Organizations by Henning Diedrich, CreateSpace Independent Publishing Platform, ISBN-13: 978-1523930470.
3. Blockchain Applications: A Hands-on Approach. by Arshdeep Bahga and Vijay Madiseti, Vpt, ISBN-13: 978-0996025560.
4. An Introduction to Statistical Learning: with Applications in R (Springer Texts in Statistics) by Gareth James , Daniela Witten , Trevor Hastie , Robert Tibshirani, Springer, ISBN-13: 978-1461471370.

Assessment and Evaluation:

Bloom's Category	Assignments (10)	Quizzes (10)	Mid-term (Test) (30)	Final-term (Test) (50)	Total (100)
Remember	-	10	05	05	20
Understand	05	-	05	10	20
Apply	-	-	05	15	20
Analyze	-	-	05	10	15
Evaluate	-	-	05	05	10
Create	05	-	05	05	15
Total	10	10	30	50	100

FIN-0412-380: ISLAMIC FINANCE

Credit Hours: 3

Rationale of the course:

Islamic Finance is a rapidly growing sector in home and abroad. It is essential that the business students are equipped with the basic knowledge of the Islamic Finance. The course aims at providing a broad introduction to the Islamic financial system and helps students understand the core principles and theories of Islamic finance in a current context.

Course Objective:

This course covers the basic contents of Islamic financial markets. Specifically, this course discusses the Islamic money and capital markets instruments and its operating procedure which must be introduced to implement the Islamic financial system.



Course Learning Outcomes (CLO)

At the end of the course, students will be able to:

CLO1	Define Islamic finance, Islamic financial system, and Islamic financial instruments.
CLO2	Explain the functions of Islamic money market, types of money market securities;
CLO3	Explain the Islamic capital market, Sukuk, Shariah-Compliant Equity, Islamic mutual funds, Islamic real estate investment, Islamic exchange-traded funds, and Islamic derivatives market.

Mapping of CLOs to PLOs

CLO/PLO	PLO-1	PLO-2	PLO-3	PLO-4	PLO-5
CLO-1	3	3	3	1	1
CLO-2	3	3	3	3	3
CLO-3	3	3	3	2	2
Average	3	3	3	2	2

(Level of integration: 3-High, 2-Medium, 1-Low)

Course Plan: Teaching-Learning & Assessment Strategy mapped with CLOs:

Topic	Hours	Teaching-Learning Strategy	Assessment Strategy	Corresponding CLOs
1. Islamic Financial Principles: The Prohibition of <i>Riba</i> , Implications of Non-Interest based Finance, The Prohibition of <i>Gharar</i> , Participatory Finance and Risk and Reward Sharing, Partnership Contracts and Guarantees.	6	Classroom Lectures, doing Classwork from referred texts, Feedback	Lecture & Class Test	CLO1
2. Legal Systems and Shari'ah Law: Shari'ah Law; Laws that convert entire Financial system to being Shari'ah Compliant; Distinct Liability and Asset Structure of Islamic Banks; Liquidity Management Issues; Regulation of dedicated Islamic Banks and Windows; Sources of Shari'ah: the Quran, Sunnah and Fiqh Muamalat; and Composition and responsibilities of Shari'ah Board.	9	Classroom Lectures, doing Classwork from referred texts, Feedback	Lecture & Class Test	CLO2
3. Islamic Deposit Facilities: Various Deposits in Islamic Banks; The Characteristics of Qard Hasan, Wadia and Amanah Deposits;	6	Classroom Lectures, doing Classwork	Lecture	CLO2

Wakala Treasury Deposits for Fixed Time Periods; Mudarabah Investment Deposits; and Restricted and Unrestricted Investment Deposits.		from referred texts, Feedback		
4. Islamic Investment Methods: Murabahah, Mudaraba, Musharakah, Salam Contracts involving Advance Payments and Parallel Salam, Islamic Leasing (Ijara) and Hire Purchase, and Project Finance using Istisna and Parallel Istisna.	6	Classroom lectures on the tips and strategies of Listening information properly, Classwork on Listening Practice and Feedback	Lecture & Class Test	CLO3
5. Islamic Fund Management: Islamic Fund Management Advantages for Shari'ah Compliance, Categories of Islamic Funds, Screening Methodologies, Sector Screening for Acceptable Business Activity, The Dow Jones Islamic Market Indices and Lessons from the Ethical Investment Industry.	6	Classwork on Listening Practice and Problem solution in the class	Lecture	CLO3
6. Takaful Insurance: Takaful versus Conventional Insurance, Mutual Insurance Principles, Family Takaful Insurance, Risk management by Takaful Companies, and Re-Takaful Operations and Underwriting	6	Classwork on Listening Practice and Feedback	Oral Assessment	CLO3
7. The Islamic Financial Infrastructure: Islamic Development Bank (IDB), Islamic Financial Services Board (IFSB), Accounting and Auditing Organization for Islamic Financial Institutions (AAOIFI), International Islamic Financial Market (IIFM), International Islamic Liquidity Management Corporation (IILM), and Central Shari'ah Board for	6	Classroom Lectures, practice on oral presentation in the class, Feedback	Lecture with presentation	CLO3

Textbook(s)

1. An Introduction to Islamic Finance: Theory and Practice – Zamir Iqbal and Abbas Mirakhor.

Reference(s)

1. Islamic Capitalism and Finance – Murat Cizakca.

Assessment and Evaluation

Bloom's Category	Assignments (15)	Quizzes (25)	Mid-term (Test) (30)	Final-term (Test) (30)	Total (100)
Remember	-	20	05	05	30
Understand	10	-	05	05	20
Apply	5	5	05	05	20
Analyze	-	-	05	05	10
Evaluate	-	-	05	05	10
Create	-	-	05	05	10
Total	15	25	30	30	100

Grading System: As per UGC recommendation

FIN-0412-390: QUANTITATIVE ANALYSIS OF FINANCIAL DECISIONS

Credit Hours: 3

Rationale of the course:

Quantitative Analysis for Financial Decision is ideal in today's computerized business environment. This program will provide users with the mathematical foundations required to make sound investment decisions based on data analysis and statistical judgments. It will also enable them to use quantitative methods in business operations such as strategy formulation, forecasting, and evaluation.

Course Objective

This applied course in finance is for mastering the quantitative techniques underpinning modern financial decision making. In particular, emphasis will be placed on the concerned topics as applied to theories of investment decision, costs of capital and capital valuations and working capital management.

Course Learning Outcomes (CLO)

At the end of the course, students will be able to:

CLO1	Students will develop a set of quantitative analysis skills to effectively organize,
------	--

	present and analyze financial data
CLO2	Evaluate financial techniques necessary for correct evaluation of a firm's financing and investment options and making valid decisions
CLO3	Develop skills in seeking out relevant information and engage in meaningful debate on issues emanating from that information.

Mapping of CLOs to PLOs

PLO/CLO	PLO-1	PLO-2	PLO-3	PLO-4	PLO-5
CLO-1	2	3	2	3	1
CLO-2	2	3	3	2	1
CLO-3	1	1	3	3	1
Average	2	2	3	3	1

(Level of integration: 3-High, 2-Medium, 1-Low)

Course Plan: Teaching-Learning & Assessment Strategy mapped with CLOs

Topic	Hours	Teaching-Learning Strategy	Assessment Strategy	Corresponding CLOs
1. Financial Arithmetic Basics Simple and compound interest, Nominal and effective rates, Future value / present value; time value of money, Discount factors, Cash flow analysis, Interpolation and extrapolation.	6	Lecture	Quiz	1 & 2
2. The Money Market Money market instruments, Money market calculations, Discount instruments, CDs paying more than one coupon.	6	Lecture & Class Participation	Test	1&2
3. Bond Market Calculations Overview of capital markets instruments, Features and variations, Introduction to bond pricing, Different yield measures and price calculations, Duration, modified duration and convexity, Bond futures	6	Lecture & Group Discussion	Test	1&2
4. Zero-Coupon Rates and Yield Curves Zero-coupon yields and par yields, Forward-forward yields	6	Lecture	Test & Problem solving	2&3

5. Interest Rate Futures Exchange structure and margins, Futures compared with FRAs, Pricing and hedging FRAs with futures, Trading with interest rate futures	6	Lecture and discussion	Test & Assignment	2&3
6. Foreign Exchange Spot exchange rates, Forward exchange rates, Cross-rate forwards, Short dates. Arbitraging and creating FRAs, Discounting future foreign exchange risk	3	Lecture & discussion	Test & Assignment	2&3
7. Interest Rate and Currency Swaps Basic concepts and applications, Pricing, Valuing swaps, Hedging an interest rate swap, Amortizing and forward-start swaps, Currency swaps	6	Lecture, Problem solving	Test and Problem solving	2&3
8. Options The ideas behind option pricing, Pricing models, OTC options vs. exchange-traded options.	6	Lecture and Discussion	Test	2&3

Textbook(s)

Bob Steiner , Mastering Financial Calculations: A Step-by-step Guide to the Mathematics of Financial Market Instruments. Pearson Education Limited.

Reference(s)

Watsham, T., and Parramore, K., Quantitative Methods in Finance, Thomson Learning.

Assessment and Evaluation

Bloom's Category	Assignments (15)	Quizzes (20)	Mid-term (Test) (30)	Final-term (Test) (35)	Total (100)
Remember		05	05		10
Understand	05	05	05	10	25
Apply	05	05	05	10	25
Analyze			05	10	15
Evaluate		05	05	05	15
Create	05		05		10
Total	15	20	30	35	100

Grading System: As per UGC recommendation

FIN-0412-403: FINANCIAL ECONOMETRICS

Credit Hours: 3

Rationale of the course:

Financial econometrics provides a set of empirical tools for analyzing historical financial data, modeling underlying economic mechanisms, and forecasting price trends etc. And this course prepares students to conduct empirical research in both business and academic settings.

Course Objective

This unit is highly recommended for students majoring in finance, especially for those who want to pursue further studies in Finance. This unit is intended to provide students with the econometric techniques to use in portfolio management, risk management and securities analysis. Statistical techniques are developed within the context of particular financial applications and recent empirical evidence is also discussed.

Course Learning Outcomes (CLO)

At the end of the course, students will be able to:

CLO1	Understand how to estimate financial relations with appropriate models and forecast economic and financial data
CLO2	Apply statistical and econometric techniques to the problems in financial economics
CLO3	Conduct an empirical research from the beginning to the end by gathering data, econometric forecasting and interpreting the results.

Mapping of CLOs to PLOs

PLO/CLO	PLO-1	PLO-2	PLO-3	PLO-4	PLO-5
CLO-1	2	3	3	1	1
CLO-2	1	3	3	1	1
CLO-3	1	2	3	3	1
Average	1.5	3	3	2	1

(Level of integration: 3-High, 2-Medium, 1-Low)

Course Plan: Teaching-Learning & Assessment Strategy mapped with CLOs:

Topic	Hours	Teaching-Learning Strategy	Assessment Strategy	Corresponding CLOs
--------------	--------------	-----------------------------------	----------------------------	---------------------------



1. Introduction What is econometrics? Types of data, Returns in financial modelling, Steps involved in formulating an econometric model	6	Lecture	Test	1
2. Classical Linear Regression Model What is a regression model? Regression versus correlation, Simple regression, The assumptions underlying the classical linear regression model, Properties of the OLS estimator, A special type of hypothesis test: the t-ratio, generalizing the simple model to multiple linear regression, Testing multiple hypotheses: the F-test, Goodness of fit statistics	6	Lecture & practice	Assignment & Test	1&2
3. Univariate Time Series Modeling and Forecasting Introduction, Some notation and concepts, Moving average processes, Autoregressive processes, The partial autocorrelation function, ARMA processes, Forecasting in econometrics	6	Lecture & practice	Assignment & Test	1&2
4. Multivariate Models Motivations, Simultaneous equations bias, how can simultaneous equations models be validly estimated? Simultaneous equations in finance, An application of a simultaneous equations approach to modeling bid-ask spreads and trading activity, Vector autoregressive models	6	Lecture	Test & Quiz	1&2
5. Modeling Long-run Relationships in Finance Stationarity and unit root testing, Tests for unit roots in the presence of structural breaks, Co-	6	Lecture & problem solving	Test & Quiz	1&2

integration, Equilibrium correction or error correction				
6. Modeling Volatility and Correlation Motivations: an excursion into non-linearity and Models for volatility, Historical volatility, Implied volatility models	6	Lecture & practice	Test & Quiz	2&3
7. Panel Data Introduction, what are panel techniques and why are they used? What panel techniques are available? The fixed effects model, Time-fixed effects models, The random effects model	6	Lecture, Problem solving	Test and Quiz	1&2
8. Simulation Methods Motivations, Monte Carlo simulations, Variance reduction techniques, Bootstrapping	3	Lecture and Group Discussion	Test	2&3

Textbook(s)

Oliver B. Linton. Introduction to Financial Econometrics. Blackwell.

Reference(s)

Chris Brooks. Introductory Econometrics for Finance. Cambridge. University Press.

Assessment Procedure:

Bloom's Category	Assignments (20)	Quizzes (20)	Mid-term (Test) (30)	Final-term (Test) (30)	Total (100)
Remember		05	05	05	15
Understand	05	05	05	05	20
Apply	05		05	05	15
Analyze	05	05	05	10	25
Evaluate		05	05	05	15
Create	05		05		10
Total	20	20	30	30	100

Grading System: As per UGC recommendation

FIN-0412-410: EMERGING MARKET FINANCE

Credit Hours: 3



Rationale of the course:

This course offers a conceptual and an applied framework for analyzing emerging markets from various perspectives in order to prepare business leaders to take on different challenges and capitalize on opportunities in this globalized world.

Course Objective

The course covers essential elements of emerging financial markets, how markets are developed and how securities are valued and traded. Certain institutional and macro policy issues will be discussed concerning emerging market development. The course covers the essential elements of emerging market investment; including corporate governance, market institutional development, political risk, speculative craze, and performance measurement. The objective here is to train students with strong theoretical background and practical knowledge about emerging markets.

Course Learning Outcomes (CLO)

At the end of the course, students will be able to:

CLO1	Introduction & role of emerging financial market.
CLO2	Selection of instrument & valuation.
CLO3	Essential elements of emerging market investment; including corporate governance, market institutional development, political risk, speculative craze, and performance measurement.
CLO4	Discussion of some famous theoretical models and practical knowledge regarding emerging market.

Mapping of CLOs to PLOs

PLO/CLO	PLO-1	PLO-2	PLO-3	PLO-4	PLO-5
CLO-1	3	3	2	1	2
CLO-2	3	3	1	2	2
CLO-3	3	3	2	3	3
CLO-4	3	3	2	3	3
Average	3	3	2	2	2.5

(Level of integration: 3-High, 2-Medium, 1-Low)

Course Plan: Teaching-Learning & Assessment Strategy mapped with CLOs

Topic	Hours	Teaching-Learning Strategy	Assessment Strategy	Corresponding CLOs
1. On Developing Markets in General: The Notion of Developing Markets, The Nature and Structure of Emerging Markets, The Spectacular Rise of Developing Markets, Practical Perspective on Frontier Economies	3	Lecture	Test	1
2. Developing Market	6	Lecture &	Assignment	1,2

Classifications and Categorizations: Investable Emerging Market Classifications, Frontier Market Categorizations		Class Participation	& Test	
3. Considerations on Emerging and Frontier Market Classifications: Consequences of Classifications, Issues with Classifications, A Potential Leap in Classifications, Indexing and Passive Investment: The Asian Investor Perspective	6	Lecture & Group Discussion	Assignment & Test	1,2
4. Emerging Markets Investments-Short Term or Secular Theme: The Confounded State of Industrial Nations, Change in Global Power Balance, Emerging H. Markets on the Growth Path	6	Lecture	Test & Quiz	1, 2,3
5. Case for Frontier Markets: Key Drivers of the Frontier Markets Opportunity Set, Risks to Investing in Frontier Markets, Subcontinents: Sub-Saharan Africa and Southeast Asia, South and Southeast Asia Frontiers, Seeing the Whole China Elephant, China Investing	6	Lecture	Test & Quiz	1, 2,3
6. Credit and Real Estate Markets in Emerging Economies: Credit Markets of Emerging Central and Eastern Europe, Real Estate Market in the Mekong Region	6	Lecture	Test & Quiz	1,3
7. Critical Business Issues in Developing Markets: The Importance of Being Earnest: The UK Bribery Act Globally, Information Technology in Developing Markets	6	Lecture, Problem Solving	Test and Quiz	3,4
8. Operating in Emerging Markets: The Substance of Marketing in Developing Markets, Corruption Utile, Business Styles and Requirements	6	Lecture and Group Discussion	Test	3,4

Textbook(s)

Beim and Calomiris, Emerging Financial Markets, McGraw-Hill Irwin.

Reference(s)

1. Ruchir Sharma, Breakout Nations: In Pursuit of the Next Economic Miracles. W. W. Norton & Company..



2. Gordian Gaeta, Opportunities in Emerging Markets: Investing in the Economies of Tomorrow, Wiley.

Assessment and Evaluation

Bloom's Category	Assignments (15)	Quizzes (25)	Mid-term (Test) (20)	Final-term (Test) (40)	Total (100)
Remember	-	10	-	05	15
Understand	05	10	05	05	25
Apply	-	-	05	10	15
Analyze	05	05	05	10	25
Evaluate	-	-	05	05	10
Create	05	-	-	05	10
Total	15	25	20	40	100

Grading System: As per UGC recommendation

FIN-0412-430: EXPORT-IMPORT FINANCING AND STRATEGIES

Credit Hours: 3

Rationale of the course:

This course helps the participants to develop knowledge and skills needed to deal with the practical and procedural aspects of export and import business and to identify effective strategies and financing policies for success.

Course Objective

The course provides a full explanation of the key areas of international trade including how the international transactions are settled and financed.

Course Learning Outcomes (CLO)

At the end of the course, students will be able to:

CLO1	Describe different types of trade related risk, international payment method and trade financing techniques
CLO2	Identify the most appropriate trade finance alternative that reduces risk and improves cash flow.
CLO3	Structure the best payment terms, minimize finance and transaction costs.

Mapping of CLOs to PLOs

CLO/PLO	PLO-1	PLO-2	PLO-3	PLO-4	PLO-5
CLO-1	3	3	3	1	1
CLO-2	3	3	3	3	3
CLO-3	3	3	3	2	2
Average	3	3	3	2	2

(Level of integration: 3-High, 2-Medium, 1-Low)



Course Plan: Teaching-Learning & Assessment Strategy mapped with CLOs:

Topic	Hours	Teaching-Learning Strategy	Assessment Strategy	Corresponding CLOs
1. Introduction Trade risks and risk assessment, Business beyond borders: trade risks, International trade practices, Product risks, Commercial risks (purchaser risks), Adverse business risks, Political risks, Currency risks, Financial risks,	6	Lecture	Quiz	1
2. Methods of Payment Different methods of payment, Bank transfer (bank remittance), Cheque payments, Documentary collection, Letter of credit, Counter-trade	4.5	Lecture & Class Participation	Assignment & Test	1
3. Bonds, Guarantees and Standby Letters of Credit The use of bonds and guarantees, Common forms of guarantee, Demand guarantees, Standby letters of credit, The structure and design of guarantees	4.5	Lecture & Class Participation	Assignment & Test	1 & 2
4. Export Credit Insurance A mutual undertaking, The private sector insurance market, Export credit agencies (official export credit institutions), Investment insurance	6	Lecture	Quiz	1 & 2
5. Trade Finance Finance alternatives, Pre-shipment finance, Supplier credits, Refinancing of supplier credits, Buyer credits, The international money market	6	Lecture	Assignment & Test	1 & 2
6. Structured Trade Finance International leasing, Lines of credit and local currency finance, Project finance and joint venture, Multilateral development banks	6	Lecture	Quiz	1 & 2
7. Terms of Payment Terms of payment and cash management, Contents of the terms of payment, Structure of the terms of payment, Composite terms of payment, The final design of the terms of payment	6	Lecture & Group Discussion	Test	3

8. Currency Risk Management Currency risk, The currency markets, Currency exposure, Hedging currency risks, Practical currency management	6	Lecture & Group Discussion	Test	2
---	---	----------------------------	------	---

Textbook(s)

1. International Trade Finance: A Pragmatic Approach - Tarsem Bhogal & Arun Trivedi (2nd Edition)

Reference(s)

1. The Handbook of International Trade and Finance – Anders Grath (4th Edition)

Assessment and Evaluation:

Bloom's Category	Assignments (15)	Quizzes (25)	Mid-term (Test) (30)	Final-term (Test) (30)	Total (100)
Remember	-	20	05	05	30
Understand	10	-	05	05	20
Apply	5	5	05	05	20
Analyze	-	-	05	05	10
Evaluate	-	-	05	05	10
Create	-	-	05	05	10
Total	15	25	30	30	100

Grading System: As per UGC recommendation

FIN-0411-450: ADVANCED FINANCIAL ACCOUNTING

Credit Hours: 3

Rationale of the Course:

This course provides knowledge about financial reporting. It helps to develop business skills that are applicable in an international professional environment.

Course Objective

The course is designed to focus on company accounting issues and reporting system.

Course Learning Outcomes (CLO)

At the end of the course, students will be able to:

CL01	Understand different types of inter-entity relationships;
CL02	Recognize different types of businesses and their recording process;
CL03	Learn the preparation of financial statements including consolidated financial statements;
CL04	Know the reorganization and liquidation process of corporations in the context of Bangladesh.



Mapping of CLOs to PLOs

PLO/CLO	PLO-1	PLO-2	PLO-3	PLO-4	PLO-5
CLO1	3	3	1	1	2
CLO2	3	3	2	1	2
CLO3	3	3	3	1	2
CLO4	3	3	2	3	3
Average	3	3	2	1.5	2.5

(Level of integration: 3-High, 2-Medium, 1-Low)

Course Plan: Teaching-Learning & Assessment Strategy mapped with CLOs:

Topic	Hours	Teaching-Learning Strategy	Assessment Strategy	Corresponding CLOs
1. Consolidated Financial Statements Group accounts, related accounting standards, investment in subsidiaries, investment in associates, Consolidated financial statements, Disclosure requirements, Consolidated Statements of Financial Positions, Consolidated Statements of Comprehensive Income, Accounting for Associates.	9	Lecture, Class Participation & Problem solving	Test & Quiz	(i) & (iii)
2. Accounting for Joint Ventures Forms of joint ventures, jointly controlled operations, assets and entities, transactions between a venture and joint venture, operators of joint ventures, disclosure in financial statements.	6	Lecture & Problem solving	Test & Quiz	(ii)
3. Accounting for Consignment Definitions: consignment, accounts sales, proforma invoice, Features of consignment business, accounting treatments.	6	Lecture & Problem solving	Test & Quiz	(ii)
4. Accounting for Installment Sales Definitions, Distinctions between ordinary sales and sales on installment sales, Accounting treatments.	3	Lecture & Problem solving	Test & Quiz	(ii)
5. Foreign Currency Translations Purchase of merchandise from a foreign supplier, Foreign currency	6	Lecture, Class Participation & Problem	Assignment, Test & Quiz	(i) & (ii)



transaction gain or loss, Sale of merchandise to a foreign customer, Loan payable in a foreign currency, Loan receivable in a foreign currency, Forward contracts, Application.		solving		
6. Accounting for Liquidation and Re-organization Bankruptcy liquidation, Shareholders voluntary liquidation, Creditors involuntary liquidation, Liquidation by order of the court, Role of liquidator and official liquidator, Discharge of debtors, The statement of affairs, Recovery by each class of creditors, Accounting and reporting for trustees, Corporate re-organization, Accounting for re-organization, Disclosure of re-organization.	6	Lecture & Problem solving	Assignment & Test	(iv)
7. Accounting for Merger & Acquisition Sensible Motives for Mergers, Some Dubious Reasons for Mergers, Estimating Merger Gains and Costs, The Mechanics of a Merger, Takeover Battles and Tactics, Mergers and the Economy, Leveraged Buyouts, Spin-offs and Restructurings, Fusion and Fission in Corporate Finance, Conglomerates, Control and Governance.	6	Lecture, Group presentation & Problem solving	Test and Quiz	(i) & (ii)
8. Analysis of Leveraged Buyout, Spin-offs, and Restructuring The LBO Market, Voting Interest and Capital Risk Tests, Attracting Congressional Attention, Practical Problems.	3	Lecture, Group presentation & Problem solving	Test and Quiz	(iv)

Textbook(s)

Leo, K., Knapp, J., McGowan, S., and Sweeting, J. Company Accounting. John Wiley & Sons

Reference(s)

1. Smith & Skousen. Intermediate Accounting.
2. Karrenbrock and Simons. Advanced Accounting. South Western.
3. Harried, Imdieke and Smith. Advanced Accounting. Wiley



4. International Accounting Standards, IASC, U. K.

Assessment and Evaluation

Bloom's Category	Assignments (05)	Presentation (05)	Quizzes (10)	Mid-term (30)	Final-term (50)	Total (100)
Remember	-	-	10	05	05	20
Understand	-	-	-	05	10	15
Apply	05	-	-	05	15	25
Analyze	-	05	-	05	10	20
Evaluate	-	-	-	05	05	10
Create	-	-	-	05	05	10
Total	5	5	10	30	50	100

Grading System: As per UGC recommendation

FIN-0412- 475: DERIVATIVE INSTRUMENTS

Credit Hours: 3

Rationale of the course:

Derivative securities are currently the fastest growing segment of the global financial market. Given the growing size of the derivative market, a thorough examination of derivative securities will enable students to develop the necessary skills for pricing and hedging derivative securities, as well as using them for investment, risk management, and prediction

Course Objectives

It mainly discusses the types of available derivative investments, and an introduction to determination of derivative product values. Studies of derivative instrument selection methods and the valuation of special classes of derivatives will help the students to identify the problems of derivative investments. At the end students should be able to develop a sound conceptual understanding of the quantitative approach to derivative valuation, and acquire basic skills of risk management using derivatives.

Course Learning Outcomes (CLO)

At the end of the course, students will be able to:

CLO1	Introduction & role of derivatives in risk management.
CLO2	Selection of derivatives instruments.
CLO3	Quantitative approach to derivative valuation, and acquire basic skill of risk management using derivatives.
CLO4	Discussion of some famous derivatives models.

Mapping of CLOs to PLOs

PLO/CLO	PLO-1	PLO-2	PLO-3	PLO-4	PLO-5
CLO-1	3	3	2	1	2
CLO-2	3	3	1	2	2
CLO-3	3	3	2	3	3
CLO-4	3	3	2	3	3
Average	3	3	2	2.5	2.5

(Level of integration: 3-High, 2-Medium, 1-Low)

Course Plan: Teaching-Learning & Assessment Strategy mapped with CLOs

Topic	Hours	Teaching-Learning Strategy	Assessment Strategy	Corresponding CLOs
1. Introduction: Exchange Traded Market, Over the Counter Market, Forward, Future, Options, Types of Trader, Hedger, and Speculators.	3	Lecture	Test	1
2. Mechanics of Futures Markets: Specification of a futures contract, Convergence of futures price to spot price, The operation of margins, OTC markets, Market quotes, Delivery, Types of traders and types of orders, Regulation, Accounting and tax, Forward vs. futures contracts.	6	Lecture & Class Participation	Assignment & Test	1,2
3. Hedging Strategies Using Futures: Basic principles, Arguments for and against hedging, Basis risk, Cross hedging, Stock index futures, Stack and roll.	3	Lecture	Test & Quiz	1, 2
4. Interest Rates: Types of rates, Measuring interest rates, Zero rates, Bond pricing, Determining Treasury zero rates, Forward rates, Forward rate agreements, Duration, Convexity.	3	Lecture	Test & Quiz	1, 2
5. Determination of Forward and Futures Prices: Investment assets vs. consumption assets, Short selling, Assumptions and notation, Forward price for an investment asset, Futures prices of stock indices, Forward and futures contracts on currencies Futures on commodities, The	3	Lecture	Test & Quiz	2

cost of carry, Delivery options.				
6. Swaps: Mechanics of interest rate swaps, Day count issues, The comparative-advantage argument The nature of swap rates, Determining the LIBOR/swap zero rates, Valuation of interest rate swaps, Overnight indexed swaps, Currency swaps, Valuation of currency swaps, Credit risk , Other types of swaps.	6	Lecture, Problem Solving	Test and Quiz	3
7. Mechanics of Options Markets: Types of options, Option positions, Underlying assets, Specification of stock options, Trading Commissions, Margins The options clearing corporation, Regulation, Taxation, Warrants, employee stock options, and convertibles, Over-the-counter markets.	6	Lecture and Group Discussion	Test	3
8. Properties of Stock Options: Factors affecting option prices, Assumptions and notation, Upper and lower bounds for option prices, Put-call parity, Calls on a non-dividend-paying stock, Puts on a non-dividend-paying stock, Effect of dividend.	3	Lecture and Group Discussion	Test	3
9. Binomial Trees: A one-step binomial model and a no-arbitrage argument, Risk-neutral valuation, Two-step binomial trees, A put example, American option, Delta, Matching volatility with u and D The binomial tree formulas, increasing the number of steps.	3	Lecture and Group Discussion	Test	4
10. The Black-Scholes-Merton Model: Lognormal property of stock prices, The distribution of the rate of return, The expected return, Volatility, The idea underlying the Black-Scholes-Merton differential equation, Derivation of the Black-Scholes-Merton differential equation ,Risk-neutral valuation, Black-Scholes-Merton pricing formulas, Cumulative normal distribution function, Warrants and employee	9	Lecture and Group Discussion	Test & Assignment	4

stock options, Implied volatilities, Dividends.				
---	--	--	--	--

Textbook(s)

Hull, John C, Options, Futures, and other Derivatives. Pearson Prentice Hall.

Reference(s)

McDonald, Robert L. Derivatives Markets. Pearson Higher Education, Inc.

Assessment and Evaluation

Bloom's Category	Assignments (15)	Quizzes (25)	Mid-term (Test) (20)	Final-term (Test) (40)	Total (100)
Remember	-	10	-	05	15
Understand	05	10	05	05	25
Apply	-	-	05	10	15
Analyze	05	05	05	10	25
Evaluate	-	-	05	05	10
Create	05	-	-	05	10
Total	15	25	20	40	100

Grading System: As per UGC recommendation

FIN-0412- 490: SUSTAINABLE FINANCE

Credit Hours: 3

Rationale of the course:

A changing climate will present both threats and opportunities for corporations and investors. As a result, the knowledge and understanding gained in this course will teach students how to quantify the magnitude of the challenge in terms of the value of assets at risk, and integrate climate risk into existing financial administrative frameworks.

Course Objective

The course covers sustainable finance instruments, methodologies and frameworks for integrating sustainability into financial decisions, key global sustainable finance initiatives, and sustainable finance regulations.

Course Learning Outcomes (CLO):

At the end of the course, students will be able to:

CLO1	Explains the core concepts of sustainable finance and the relevance of sustainability considerations for the key actors in the financial system
CLO2	Describes the role that regulation and industry initiatives play in shaping sustainable finance
CLO3	Describes different sustainable finance products, such as bonds and loans, that

may be available to provide the capital needed to support the delivery of the Sustainable Development Goals

Mapping of CLOs to PLOs

PLO/CLO	PLO-1	PLO-2	PLO-3	PLO-4	PLO-5
CLO-1	3	1	3	1	1
CLO-2	3	3	3	1	1
CLO-3	3	2	3	2	2
Average	3	2	3	1.5	1.5

(Level of integration: 3-High, 2-Medium, 1-Low)

Course Plan: Teaching-Learning & Assessment Strategy mapped with CLOs:

Topic	Hours	Teaching-Learning Strategy	Assessment Strategy	Corresponding CLOs
The global financial system: The main financial institutions and the role they play, Sustainability issues in the current global economic and financial system, The main pressures and trends in the current financial system, How does the financial system impact business, society, and the environment?	6	Lecture	Quiz	1
Sustainable investment markets: Sustainable investment in equity, derivative and futures markets, Sustainable finance in bond markets, corporate borrowing and personal debt markets, Sustainable finance in insurance and pension market, Sustainability issues in micro-finance and impact investing	6	Lecture	Quiz & Test	1&2
Approaches to Sustainable Finance: What are the drivers and impediments to sustainable finance? Different forms of sustainable finance and how they work – screening, EGS integration and active	6	Lecture & discussion	Test	1&2

management, How are sustainable finance initiatives applied across the financial system? How can sustainable finance initiatives be scaled-up?				
Risk and return: How do we measure risk and returns in equity markets due to sustainability issues? How do we build ESG indices? What has been the performance of ESG investments compared to other investment universes? How do we measure sustainability risk and return in other financial settings?	6	Lecture	Test & Quiz	2&3
Promoting sustainable finance: What are the key attributes needed for effective sustainable finance initiatives? What are some specific sustainable finance initiatives? What are the limitations of specific organization-level initiatives? System-wide approaches to promote sustainable finance.	6	Lecture & discussion	Test & Quiz	1&2
Public sector and sustainable finance: What role does the public sector play in the financial system? How can the public sector drive sustainable finance? Public and private sectors collaboration to deliver sustainable outcomes, Effective engagement processes in public-private sustainable finance	6	Lecture	Test	2&3
Promoting sustainable finance in your organization: How can you promote sustainable finance in your organization? What are the barriers to organizational culture change and how can they be overcome? How do you build	9	Lecture and Discussion	Test and assignment	2&3

coalitions for change in sustainable finance? How do you build and implement a personal action plan for sustainable finance?				
--	--	--	--	--

Textbook(s)

Dirk Schoenmaker, & Willem Schramade. (2019). Principles of Sustainable Finance: Vol. First edition. OUP Oxford.

Assessment and Evaluation

Bloom's Category	Assignments (20)	Quizzes (20)	Mid-term (Test) (30)	Final-term (Test) (30)	Total (100)
Remember	-	05	05	05	15
Understand	05	05	05	05	20
Apply	05	05	05	05	20
Analyze	05	05	05	10	25
Evaluate	-	-	05	05	10
Create	05	-	05	-	10
Total	20	20	30	30	100

Grading System: As per UGC recommendation

FIN-0412-400L: SOFTWARE APPLICATIONS IN FINANCE

Credit Hours: 2

Rationale of the Course:

This course teaches students to work with Excel functions to develop quantitative models within the framework of financial decision making.

Course Description:

This computer lab based course is designed to teach students the use of spreadsheets for working with financial models.

Course Learning Outcomes (CLO)

At the end of the course, students will be able to:

CLO1	Work with Excel functions including visualizations and advanced features.
CLO2	Uses Excel for quantitative models within the framework of financial decision making.
CLO3	Develop financials models for financial statement analysis, financial projections, loan repayment and amortization, valuation of securities and evaluation of investment alternatives

Mapping of CLOs to PLOs

PLO/CLO	PLO-1	PLO-2	PLO-3	PLO-4	PLO-5
CLO-1	1	1	1	2	1



CLO-2	3	3	3	2	2
CLO-3	3	3	3	2	2
Average	2.5	2.5	2.5	2	2

(Level of integration: 3-High, 2-Medium, 1-Low)

Course Plan: Teaching-Learning & Assessment Strategy mapped with CLOs:

Topic	Hours	Teaching-Learning Strategy	Assessment Strategy	Corresponding CLOs
1. Review of Advanced Excel Functions and Techniques Worksheets and workbooks, copying, dragging & summing, copying & naming sheets, linking sheets & books, array arithmetic, grouping sheets, conditional statements	6	Lecture & Class Participation	Test	1
2. Advanced Financial Modeling Techniques Iterative calculations & alternatives, interest calculations, tracing and auditing, Goal seek and solver, Excel financial functions	6	Lecture & Class Participation	Test	2 & 3
3. Corporate Forecasting Model Case Study Income flows, costing structure, working capital, capex & depreciation, funding structure, interest's payments & receipts, tax, dividends, modeling value, DCF, multiples, modeling investor returns	6	Lecture & Class Participation	Test	2 & 3
4. Overview of Project Appraisal Issues Project Appraisal Model Case Study Operating income & expenditure, capital expenditures, operating surplus, cash flow before funding & interest, terminal value, NPV & IRR, debt & interest paid, true short-term balances and interest received, project life & loan cover ratios	6	Lecture & Class Participation	Test	2 & 3
5. Application to Case Studies Sensitivity analysis , one-input data tables, two-input data tables, scenarios, beyond the two-input data	6	Lecture & Class Participation	Test	2 & 3

table, data validation, advanced sensitivity techniques, automating the model using controls & macros				
---	--	--	--	--

Textbook(s)

1. Excel Modeling In the Fundamentals of Investment- Craig W. Holden.

Reference(s)

1. Financial Modeling using Excel and VBA – Chandra Sengupta

Assessment and Evaluation

Bloom's Category	Class Participation (10)	Class Test (30)	Mid-term (Test) (30)	Final-term (Test) (30)	Total (100)
Remember	-	10	05	05	20
Understand	5	10	05	05	25
Apply	5	10	05	05	25
Analyze	-	-	05	05	10
Evaluate	-	-	05	05	10
Create	-	-	05	05	10
Total	10	30	30	30	100

Grading System: As per UGC recommendation

Reference(s)

Herbert Schildt, Java: A Beginner's Guide, McGraw Hill Professional.

Assessment Procedure and Evaluation

Bloom's Category	Assignments (20)	Quizzes (10)	Lab(20)	Mid-term (Test) (20)	Final-term (Test) (30)	Total (100)
Remember				04	05	09
Understand	04	05	05	04	05	23
Apply	04	05	05	04	05	23
Analyze	04		05	04	05	18
Evaluate	04		05	04	05	18
Create	04				05	09

Grading System: As per UGC recommendation

LFE, Internship/Research Project

LFE-0111-201: LIVE-IN-FIELD EXPERIENCE

Credit Hours: 3

Rationale of the Course:



The knowledge at the tertiary level is not inclusive unless it is associated with practicality. Hence, this field-based course has been designed with a view to providing the students with first-hand knowledge on the ground realities of the industry.

Course Description:

Industrialization and globalization are creating job opportunities. But due to a lack of industry-oriented education, graduates are lagging behind, and these jobs are filled with people from abroad, as a result of which a huge amount of foreign currency leaves the country each year, which is contributing to the chain of unemployment in Bangladesh.

This course will try to bridge this gap between theoretical knowledge and industry practices and introduce the students to more on the ground realities. It will also expose students to various industries and employment opportunities, and help them in their career decision making processes. Students will also know the philosophy and psychology of university education and employment.

Mapping of Course Learning Outcomes (CLOs) to Program Learning Outcomes (PLOs):

PLO/CLO	PLO-1	PLO-2	PLO-3	PLO-4	PLO-5
CLO-1	2	2	2	2	3
CLO-2	2	2	1	3	2
CLO-3	3	2	2	2	3
Average	2.5	2	2	2.5	3

(Level of integration: 3-High, 2-Medium, 1-Low)

Course Plan: Teaching-Learning & Assessment Strategy mapped with CLOs:

Topics	Hours	Teaching-Learning Strategy	Assessment Strategy	Corresponding CLO
Introductory Session	2	Lecture	Test and Exam	1, 2, 3
Professional Ethics: Part I	2	Lecture	Test and Exam	1, 2, 3
Professional Ethics: Part II	2	Lecture	Test and Exam	1, 2, 3
Academic Ethics	2	Lecture	Test and Exam	1, 2, 3
Impacts of Brain Drain	2	Lecture	Test and Exam	1, 2, 3
Education Sector: Part I	2	Lecture	Test and Exam	1, 2, 3
Education Sector: Part II	2	Lecture	Test and Exam	1, 2, 3
Briefing Session 1: Group Assignment	2	Lecture and Participation	Assignment	2, 3



Employment Sector	2	Lecture	Test and Exam	1, 2, 3
Class Test # 1 and Feedback	2	Lecture	Test	1
Urbanization and Employment	2	Lecture	Test and Exam	1, 2, 3
Porter's 5 Force Analysis	2	Lecture	Test and Exam	1, 2, 3
Sustainable Development Goals (SDGs): Part I	2	Lecture	Test and Exam	1, 2, 3
Mid-Term Exam	2	Lecture	Exam	1
Briefing Session 2: Group Assignment	2	Lecture and Participation	Assignment	2, 3
Sustainable Development Goals (SDGs): Part II	2	Lecture	Test and Exam	1, 2, 3
Importance of Infrastructure	2	Lecture	Test and Exam	1, 2, 3
Digital Infrastructure and Inclusion	2	Lecture	Test and Exam	1, 2, 3
Economy and Production Cycle	1.5	Lecture	Test and Exam	1, 2, 3
Social and Economic Impacts of Covid-19	1.5	Lecture	Test and Exam	1, 2, 3
Class Test # 2 and Feedback	1.5	Lecture	Test	1
Briefing Session 3: Group Assignment	1.5	Lecture and Participation	Assignment	2, 3
Course Summary	1.5	Participation	Exam	1, 2, 3

Session # 1				
Course Summary Session # 2	1.5	Participation	Exam	1, 2, 3

Assessment Procedure and Evaluation:

Bloom's Category	Attendance (10)	Assignment (20)	Presentation (10)	Class Tests (30)	Mid-Term Exam (15)	Final Exam (25)	Total (100)
Remember				10			10
Understand	05	05	05	10	05	05	35
Apply					05	05	10
Analyze				10	05	05	20
Evaluate	05		05			05	15
Create		05				05	10

Grading System: As per UGC recommendation

BBA -0111-496: INTERNSHIP

Credit Hours: 6

Rationale of the Course:

Industrialization and globalization are creating job opportunities. But due to a lack of industry-oriented education, graduates are lagging behind, and these jobs are filled with people from abroad, as a result of which a huge amount of foreign currency leaves the country each year, which is contributing to the chain of unemployment in Bangladesh.

This course will try to bridge this gap between theoretical knowledge and industry practices and introduce the students to more on the ground realities. This course allows students to gain direct experience, enhance their employability and develop network with professionals.

Course Description:

This course is designed to provide the students an opportunity to get acquainted with the workplace environment. It also gives the students a chance to find out how to apply the classroom knowledge in solving practical problems.

Course Learning Outcomes (CLO):

After completing the course, the student should be able to:

CLO1	Know how to apply the classroom knowledge in solving practical problems.
CLO2	Understand workplace environment;
CLO3	Write a report.

Mapping of Course Learning Outcomes (CLOs) to Program Learning Outcomes (PLOs):

PLO/CLO	PLO-1	PLO-2	PLO-3	PLO-4	PLO-5
CLO-1	3	3	2	2	2
CLO-2	3	3	2	2	3
CLO-3	3	3	3	2	3
Average	3	3	2.5	2	3

(Level of integration: 3-High, 2-Medium, 1-Low)

Procedure of the program

1. Students will submit a report on completion of their internship program and present it before the board.
2. There will be a starting date of internship program, report processing period and submission date of Internship report- all of which will be decided and declared by the business school. However tentative course of actions may be as follows:
 - a) Forwarding Letter (Issued by the business school): After completion of 126 credit hours.
 - b) Duration of Internship: Three Months (90 hours).
 - c) Internship Start: Within second week of each semester.
 - d) Report Preparation: One week before final submission, a draft copy must be submitted to the supervisor for proof reading and correction.
 - e) Report Submission and Presentation: During semester final examination.
3. A permission letter from the organization is needed to start Internship. A copy of permission letter must be submitted to the business school by the student or the organization.
4. A list of supervisor will be published at the beginning of the semester.
5. Students must keep in touch with their supervisor by their own on a regular basis. Supervisor will not be responsible to communicate with the student regarding internship.
6. Student evaluation shall be based on Organization's Assessment, Internship Report, Internship Presentation, Attendance in Workshop and regular contact with supervisor and Viva-voce.

Assessment Procedure and Evaluation:

Bloom's Category	Assignments (100)	Quizzes (-)	Mid-term (Test) (-)	Final-term (Test) (-)	Total (100)
Remember	0				0
Understand	20				20
Apply	20				20
Analyze	30				30
Evaluate	20				20
Create	10				10

Grading System: As per UGC recommendation



BBA -0111-497: RESEARCH PROJECT

Credit Hours: 6

Rationale of the Course:

This course is designed to prepare the students to conduct independent research.

Course Description:

This course is designed to provide the students an opportunity to get acquainted with the corporate research.

Course Learning Outcomes (CLO):

After completing the course, the student should be able to:

CLO1	Know how to apply the classroom knowledge of research methods in doing corporate research.
CLO2	Generate information through research;
CLO3	Write a research report.

Mapping of Course Learning Outcomes (CLOs) to Program Learning Outcomes (PLOs):

PLO/CLO	PLO-1	PLO-2	PLO-3	PLO-4	PLO-5
CLO-1	3	3	2	2	2
CLO-2	3	3	2	2	3
CLO-3	3	3	3	2	3
Average	3	3	2.5	2	3

(Level of integration: 3-High, 2-Medium, 1-Low)

Procedure of the research program

Using one or a variety of methods, students will collect original data and contribute to problem solving in the field of business. The steps of the research project should be as follows;

1. The research topic should be selected in consultation with supervisor(s);
2. The precise research question(s) to be addressed;
3. Hypothesis may be developed and tested;
4. Appropriate methodology to be used in conducting the research;
5. Data are to be collected from genuine sources;
6. Proper analysis and interpretation are to be made to draw the conclusions;
7. Implications of the research findings may be mentioned.

Students are required to present their research outcomes in front of a designated panel of judges.

Assessment Procedure and Evaluation:

Bloom's Category	Assignments (100)	Quizzes (-)	Mid-term (Test) (-)	Final-term (Test) (-)	Total (100)
Remember	0				0



Understand	20				20
Apply	20				20
Analyze	30				30
Evaluate	20				20
Create	10				10

Grading System: As per UGC recommendation

Part-D Grading Policy

Grading Scale & Grades:

Chittagong Independent University has been following the UGC prescribed grading system as per the UGC Circular NO/ Sha/464/04/2690-100, dated:13.6.2006 which is furnished below:

Numerical Grade	Letter Grade		Grade Point
80% and above	A+	(A Plus)	4.00
75% to less than 80%	A	(A regular)	3.75
70% to less than 75%	A-	(A minus)	3.50
65% to less than 70%	B+	(B Plus)	3.25
60% to less than 65%	B	(B regular)	3.00
55% to less than 60%	B-	(B minus)	2.75
50% to less than 55%	C+	(C Plus)	2.50
45% to less than 50%	C	(C regular)	2.25
40% to less than 45%	D	(D regular)	2.00
Less than 40%	F	Fail	0.00

Grade Point Average (GPA) and Cumulative Grade Point Average (CGPA) and their calculation procedures:

The Grade Point Average (GPA) and Cumulative Grade Point Average (CGPA) are calculated by Total Grade points divided by Total Credits for GPA.

Course Withdrawal Procedure:

A student may withdraw from a course by the deadline with the consent of the instructor and the Academic Advisor. Withdrawal from only one course in a semester is allowed but the students should



provide valid reasons along with documents while applying for the withdrawal. However, withdrawal from the whole semester may be permitted on a case-by-case basis provided the student has valid reasons for withdrawal from the semester along with valid documents. A grade of 'W' will be recorded on the transcript. Withdrawing from a course does not discharge a student from financial liability or responsibility for the course.

Course Add/Drop Procedure:

A student may add or drop a course by completion of an official Add/Drop form prior to the conclusion of the drop/add period. The signature of the academic advisor will be required for any drop/add/change of course. Students may add or drop a course within the stipulated period.

Incomplete (I) Grade Policy:

1. An 'I' grade is given to a student who has fulfilled 75% of a course but was unable to complete it due to illness or for any other acceptable reasons. The student should fulfill the remaining 25% before the end of the following semester in consultation with the course instructor.
2. The student is not required to register for the incomplete course in the next semester, however, assigning an incomplete or 'I' grades should be strongly discouraged. It will only be considered for the students who have a valid reason acceptable to the course instructor and the Dean of School.
3. In case if the instructor who assigned an incomplete grade to a student is not available for any valid reason to change the 'I' grade, the Dean of the School shall do it.
4. An 'I' grade must be replaced in the following term/semester when it was assigned. If a student failed to complete the course within the following term/semester, the grade may convert to "F" following the grade change procedure.
5. In a situation where the student is unable to complete the course due to unanticipated illness or family emergency and has not attended at least 75% of the classes held, he/ she will be asked to withdraw from that course and retake it.
6. A student whose internship/thesis or seminar paper/senior project is in progress, he/she will have the opportunity to obtain a 'Continuation grade' for the course under specific conditions and guidelines. The symbol of 'Continuation grade', will be "CN". 'CN' grade can be given for maximum three semesters only.

Retake/Grade Improvement Policy:

1. Retake of a course shall be allowed only to the course with B- (minus) grades and below.
2. After the retake of a course the higher grade earned by the student will be considered towards counting of the CGPA.
3. Students will be allowed to retake any course twice before graduation.
4. A course must be re-taken in immediate successive enrolled semester if the grade is 'F'.



5. A course must be re-taken in immediate successive enrolled semester if the prerequisite grade is not achieved.

