Syllabus: Finance in pharmacy practice (#1717021580)
Second Semester 2023 /2022

COURSE INFORMATION	
Course Name: Finance in pharmacy practice **(face-to-face education)** **Semester:second** **Department: Clinical Pharmacy & Pharmacy Practice** **Faculty: Pharmaceutical Sciences**	**Course Code:** 1717021580 **Section: per semester** **Core Curriculum**: **2013 Study Plan**
Day(s) and Time(s): :per semester **Classroom: Pharmaceutical Sciences**	**Credit Hours:** 3 **Prerequisites**: 131702457 And 131702473

COURSE DESCRIPTION

This Course covers the basics of financial analysis, including the time value of money, simple and compound interest, using comparative financial statements, trend analysis, and ratio analysis. Through comparative financial statement analysis, it describes how the pharmacy students can apply financial information to create usable metrics to assess the internal business performance.

These analyses can then be used to determine the necessary resource allocation for staffing, inventory, and investment, as well as the overall current and future business direction.In addition a case study will be held to apply the previous knowledge.

Subsequently, shows how pharmacy students can use the financial information from pharmacy businesses, along with knowledge of the marketplace and customer needs, to appropriately control the inventory of a pharmacy operation. Proper inventory control can result in optimal levels that keep inventory costs to a minimum while at the same time ensuring customer/ patient satisfaction.

DELIVERY METHODS

The course will be delivered through a combination of active learning strategies. These will include:

- PowerPoint lectures and active classroom-based discussion
- Collaborative learning through small groups acting in an interdisciplinary context.

- Relevant films and documentaries
- Video lectures
- E-learning resources: e-reading assignments and practice quizzes through Model and Microsoft Team
- Workshops , and brain storming .

The course will be delivered through a combination of active learning strategies. These include:

- PowerPoint lectures and active classroom-based discussion
  Students will be encouraged to participate and be actively involved in the learning process. Lectures will start with questions to inquire about the students' prior knowledge of the topic. These questions will also be repeated at the end of the lecture to gain insight into the students' competences (to verify whether students have understood the topic). During delivering the lecture presentation, time will be given to allow students to reflect about what they have learnt and think in and discuss some examples of short case studies.
- Relevant speakers
- Video lectures

FACULTY INFORMATION

Name	**Dr Saba Madae'en**
Academic Title:	**Assistant Professor**
Office Location:	**Third Floor**
Telephone Number:	**Extension: 3416**
Email Address:	**saba@hu.edu.jo**
Office Hours:	***Per semester*** ***Please send an e-mail (saba@hu.edu.jo) to meet at any other time.***

REFERENCES AND LEARNING RESOURCES

Financial Analysis in Pharmacy Practice,3rd edition Keith Herist Brent Rollins Matthew Perri

COURSE OBJECTIVES

:After course completion students will be able to

- Understand financial statements (balance sheet, income statement , cash flow)
- Plan financial statements for the upcoming years , and estimate funds needed
- Diagram the financial planning process
- Learning how to get a Pharmaceutical funding as well as Funding practice and sponsor rights
- Understand public offerings (stocks calculations) business organizations, and agency relationships and understand discount rates
- Calculate The financial ratios in pharmacy and calculate return on investment and assets
- Understand Valuation and pricing of a pharmaceutical business
- Outline Personal finance and personal budgeting and money management
- create a feasibility study(net present value)
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COURSE INTENDED LEARNING OUTCOMES (CILOs)

A. Foundational Knowledge
a1-k1-understand financial statements (balance sheet, income statement , cash flow)
a2- k2-learn how to get a pharmaceutical funding as well as funding practice and sponsor rights and
public offerings (stocks calculations) business organizations, and agency relationships
a3- k3-outline personal finance and personal budgeting and money management
a4-k4- differentiate financial accounting (accrual and cash principle)

B. Essential for Practice and Care (Intellectual Skills):
b1- s1-plan financial statements for the upcoming years , and funds needed
b2- s2-calculate the financial ratios in pharmacy and calculate return on investment and assets
b3 s3-calculate value and pricing of a pharmaceutical business

C. Approach to Practice and Care (competencies)-
c1-create private community pharmacy sole trader accounts(inventory,equity and liabilities)

c2-create a feasibility study(net present value) and use of discount rates

ACADEMIC SUPPORT

It is The Hashemite University policy to provide educational opportunities that ensure fair, appropriate and reasonable accommodation to students who have disabilities that may affect their ability to participate in course activities or meet course requirements. Students with disabilities are encouraged to contact their instructor to ensure that their individual needs are met. The University through its Special Need section will exert all efforts to accommodate for individual's needs.

Special Needs Section:

Tel: **00962-5-3903333** **Extension:** **4209**

Location: **Students Affairs Deanship/ Department of Student Welfare Services**

Email: **amalomoush@hu.edu.jo**

amalomoush@staff.hu.edu.jo

COURSE REGULATIONS

Participation

Class participation and attendance are important elements of every student's learning experience at The Hashemite University, and the student is expected to attend all classes. A student should not miss more than 15% of the classes during a semester. *Those exceeding this limit of 15% will receive a failing grade regardless of their performance*. It is a student's responsibility to monitor the frequency of their own absences. **Attendance record begins on the first day of class irrespective of the period allotted to drop/add and late registration. It is a student's responsibility to sign-in; failure to do so will result in a non-attendance being recorded.**

In exceptional cases, the student, with the instructor's prior permission, could be exempted from attending a class provided that the number of such occasions does not exceed the limit allowed by the University. The instructor will determine the acceptability of an absence for being absent. A student who misses more than 25% of classes and has a valid excuse for being absent will be allowed to withdraw from the course.

On average, students need to spend 15 hrs of study and preparation weekly. At the beginning of the lectures, be on time and don't leave before the end of the lecture without an accepted excuse. **If you missed a class, it is your responsibility to find out about any announcements or assignments you have missed.** For any clarification, please communicate your instructor at her posted office hours or by appointment. Listen well to the lecture, if you have a question, ask your instructor. You will find the course material at the course team after the lecture.

Sharing of course materials is forbidden. No course material including, but not limited to, course outline, lecture hand-outs, videos, exams, and assignments may be shared online or with anyone outside the class. Any suspected unauthorized sharing of materials, will be reported to the university's Legal Affairs Office. If a student violates this restriction, it could lead to student misconduct procedures.

Plagiarism

Plagiarism is considered a serious academic offence and can result in your work losing marks or

being failed. HU expects its students to adopt and abide by the highest standards of conduct in their interaction with their professors, peers, and the wider University community. As such, a student is expected not to engage in behaviours that compromise his/her own integrity as well as that of The Hashemite University.

Plagiarism includes the following examples, and it applies to all student assignments or submitted work:

- **Use of the work, ideas, images or words of someone else without his/her permission or reference to them.**
- **Use of someone else's wording, name, phrase, sentence, paragraph or essay without using quotation marks.**
- **Misrepresentation of the sources that were used.**

The instructor has the right to fail the coursework or deduct marks where plagiarism is detected

Late or Missed Assignments

In all cases of assessment, students who fails to attend an exam, class project or deliver a presentation on the scheduled date without prior permission, and/or are unable to provide a medical note, will automatically receive a fail grade for this part of the assessment.

- Submitting a term paper on time is a key part of the assessment process. Students who fail to submit their work by the deadline specified will automatically receive a 10% penalty. Assignments handed in more than 24 hours late will receive a further 10% penalty. Each subsequent 24 hours will result in a further 10% penalty.
- In cases where a student misses an assessment on account of a medical reason or with prior permission; in line with University regulations an incomplete grade for the specific assessment will be awarded and an alternative assessment or extension can be arranged.

Missed Assessments

In all cases of assessment, students who fails to attend an exam on the scheduled date without prior permission, and/or are unable to provide a medical note, will automatically receive a failure .grade for this part of the assessment

• In cases where a student misses an assessment on account of a medical reason or with prior permission; in line with university regulations an incomplete grade for the specific assessment will be awarded and an alternative assessment or extension can be arranged.

Cheating

Cheating, academic disconduct, fabrication and plagiarism will not be tolerated, and the university policy will be applied. Cheating policy: The participation, the commitment of cheating will lead to applying all following penalties together:

- Failing the subject, he/she cheated at
- Failing the other subjects taken in the same course
- Not allowed to register for the next semester
- The summer semester is not considered as a semester

Student Complaints Policy

Students at The Hashemite University have the right to pursue complaints related to faculty, staff, and other students. The nature of the complaints may be either academic or non-academic. For more information about the policy and processes related to this policy, you may refer to the students' handbook.

COURSE ASSESSMENT

Course Calendar and Assessment

Students will be graded through the following means of assessment and their final grade will be calculated from the forms of assessment as listed below with their grade weighting taken into account. The criteria for grading are listed at the end of the syllabus

Students will be graded through the following means of assessment:

Assessment	Grade Weighting	Deadline Assessment	CILOs			
MID Exam	35%	~ 10th week	**A**	**B**	**C**	**D**
Workshops	15%	12th week	A	B	C	D
Final Exam	50%	~ 15th /16th week	A	B	C	D

Description of Exams

Test questions will predominately come from material presented in the lectures. Semester exams will be conducted during the regularly scheduled lecture period. Exam will consist of a combination of multiple choice, short answer, match, true and false and/or descriptive questions.
Homework: Will be given for each chapter, while the chapter in progress you are supposed to work on them continuously and submit in next lecture when I finish the chapter.
You are also expected to work on in-chapter examples, self-tests and representative number of end of chapter problems. The answers of self-tests and end of chapter exercises are given at the end of the book.

Quizzes: Unannounced quizzes will be given during or/and at the end of each chapter based upon the previous lectures. It will enforce that you come prepared to the class.

No make-up exams, homework or quizzes will be given. Only documented absences will be considered as per HU guidelines.

Description of Exams

Test questions will predominately come from material presented in the lectures and the lectures themselves. Semester exams may be conducted during the regularly scheduled lecture period. Exam may consist of a combination of multiple choice, short answer, match, true and false, and/or descriptive questions.

No make-up exams will be given. Only documented absences will be considered as per HU guidelines. Make-up exams may be different from regular exams in content and format.

Grades are not negotiable and are awarded according to the following criteria:

Letter Grade	Description	Grade Points
A+	Excellent	4.00
A		3.75
A-		3.50
B+	Very Good	3.25
B		3.00
B-		2.75
C+	Good	2.50
C		2.25
C-		2.00
D+	Pass	1.75
D	Pass	1.50
F	Fail	0.00
I	Incomplete	-

WEEKLY LECTURE SCHEDULE AND CONTENT DISTRIBUTION

"Lecture hours and weeks are approximate and may change as needed"

Note: For Chem 101 sections with 2 lecture periods per week (S/T, M/W or T/R), one lecture period covers 1.5 lecture hours (80 minutes). The course content specifies the sections in chapters 1-10 of the textbook that will be included in quizzes, homework and exams.

"Lecture hours and weeks are approximate and may change as needed"

Note: For the 2 lecture periods per week (S/T, M/W), one lecture period covers 1.5 lecture hours (75 minutes). The course content specifies chapters of the textbook that will be included in exams.

Introduction	Introduction to finance in health sector	**Wee 1**	**1 lec**	Active Classroom-E Discussions	**CILOs**	-
Topic 1	Construction of a balance sheet	**Wee 2**	**2 lec**	PowerPoint Lectures Active Classroom-Based Discussions Relevant Videos Practical Case Scenarios	A	Exams Quizzes Homework Project

Topic 2	What is an income statemer	**Wee 3/**	**2 lec**	PowerPoint Lectures Active Classroom-Based Discussions Relevant Videos Practical Case Scenarios	A, ,B, C, D	Exams Quizzes Homework Project
Topic 3	Cost –income –inventory	**Wee 4**	**2 lec**	PowerPoint Lectures Active Classroom-Based Discussions Relevant Videos Practical Case Scenarios	A, B, C, D	Exams Quizzes Homework Project
Topic 4	Profits–depreciation	**Wee 5**	**2 lec**	PowerPoint Lectures Active Classroom-Based Discussions Relevant Videos Practical Clinical Case Scenarios	A, B, C, D	Exams Quizzes Homework Project
Topic 5	Mid exam	**Wee 6**	**2 lec**			
Topic 6	Cash flow	**Wee 7**	**2 lec**	Active Classroom-Based Discussions Practical Case Scenarios and Problem-Based Calculations	A, B, C, D	Exams Homework Project
Topic 7	Planning balance sheet	**Wee 8**	**2 lec**	Active Classroom-Based Discussions Practical Case Scenarios and Problem-Based Calculations	C, D	-
Topic 8	Funding practice	**Wee 9**	**2 lec**	Active Classroom-Based Discussions	A, B, C, D	-

Topic 9	The financial ratio in pharmacy	**Wee 10**	**2 lec**	PowerPoint Lectures Active Classroom-Based Discussions Relevant Videos Practical Case Scenarios	A,B,C, D	Exams Quizzes Homework Project
Topic 10	Pharmacy funding	**Wee 11**	**2 lec**	PowerPoint Lectures Active Classroom-Based Discussions Relevant Videos Practical Case Scenarios	A	Exams Quizzes Homework Project
Topic 11	Liquidity –leverage	**Wee 12**	**2 lec**	PowerPoint Lectures Active Classroom-Based Discussions Relevant Videos Practical Case Scenarios	A, ,B, C, D	Exams Quizzes Homework Project
Topic 12	Pricing	**Wee 13**	**2 lec**	PowerPoint Lectures Active Classroom-Based Discussions Relevant Videos Practical Case Scenarios	A, B, C, D	Exams Quizzes Homework Project
Topic 13	Personal finance	**Wee 14**	**2 lec**	PowerPoint Lectures Active Classroom-Based Discussions Relevant Videos Practical Case Scenarios	A, B, C, D	Exams Homework Project
University	**Exams**	**Wee**				

Exams		**15**				