**PHAR 7276 Social-Behavioral Pharmacy and Practice Management**
Spring Semester 2023

**Catalogue Description**
This course focuses on management principles such as planning, organizing, directing, and controlling pharmacy resources applied to various pharmacy practice settings and patient outcomes.

**Additional Course Information**
This course offers the examination and application of principles of pharmacy management and social and behavioral aspects of pharmacy practice.  Emphasis is placed on marketing of pharmaceutical goods and services, financial management and budgeting, drug pricing, risk management, health care quality, and personnel management.  Upon completion of the course students will be able to optimize the use of pharmacy resources, maximize the safety of medication use systems, help develop staff and future leaders, and promote the pharmacist's role in patient care.

**Course Credit**
Two (2) credit hours

**Pre-Requisites**
PHAR 7273 Health Care Systems

**Co-Requisites**
None

**Class Meeting Days, Time & Location**
Time: 2:00PM – 4:00PM; Location: WTB 235

**Course Coordinator**
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**Fisch College of Pharmacy (FCOP) and UT Tyler Policies**
This is part 1 of the syllabus. Part 2 contains UT Tyler and the FCOP course policies and procedures. These are available as a PDF at https://www.uttyler.edu/pharmacy/academic-affairs/files/fcop-syllabus-policies.pdf. For experiential courses (i.e., IPPE and/or APPE), the Experiential Manual contains additional policies and instructions that supplement the Syllabus Part 1 and 2. Please note, the experiential manual may contain policies with different deadlines and/or instructions. The manual should be followed in these cases.

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**Required Materials**
Selected Readings and other educational materials will be provided.  Most course required materials are available through the Robert R. Muntz Library.  These materials are available either online* (http://library.uttyler.edu/) or on reserve.

Other required materials will be posted on the classes' Canvas site.  The site address is:
http://www.uttyler.edu/canvas/

**Recommended Materials (Optional)**
Pharmacy Management: Essentials for All Practice Settings, by David P. Zgarrick, Greg L. Alston, Leticia R. Moczygemba, Shane P. Desselle, 4th ed., c2016, ISBN: ISBN-13: 978-0071845434; ISBN-10: 9780071845434. Available through Access Pharmacy, https://accesspharmacy.mhmedical.com/book.aspx?bookid=1850.

**Course Format**
The course may include, but are not limited to, the following activities:
1. Independent study of selected readings
2. Individual readiness assessment tests (iRATs)
3. Team-based learning, active learning strategies:
    a. Team readiness assessment tests (tRATs)
    b. Team application of content and concepts
4. PowerPoint presentations and discussions

### Course Learning Outcomes (CLOs)

| [1]CLOs | Related PLO(s) | EPAs | Assessment Methods | Grading Method | AACP Std. 11 & 12 |
|---|---|---|---|---|---|
| 1) Describe essential management principles (planning, organizing, directing, and controlling pharmacy resources) applied to various pharmacy practice settings. | 1 | 1.2,2.1 | 1,2,3 | ES | NA |
| 2) Describe the financial aspects of institutional and community pharmacy practice, including costs, reimbursement, revenue generation, and pricing of pharmaceuticals. | 1 | 4.2 | 1,2,3 | ES | NA |
| 3) Discuss methods used in assessing health care quality and risk management in pharmacy practice, incorporating concepts of personnel management. | 1 | 1.2,2.1,3.2 | 1,2,3 | ES | NA |
| 4) Identify and describe health informatics technologies and patient safety strategies to maintain quality and efficiency in the delivery of patient care. | 1 | 4.2 | 1,2,3 | ES | NA |

**Course Assessment Methods**

| Assessment Method | Description |
|---|---|
| 1) Final Exam Multiple Choice or Multiple Selection Question(s) | Standard MCQ, True/False, and Select All that apply questions. |
| 2) Audience Response System (i.e., Poll Everywhere) | Std MCQ, True/False and select all that apply questions dispersed throughout mini-lectures to assess immediate understanding. |
| 3) Team Project/Applications – rubric; short essay | Assessment of students' interpersonal communications skills and their ability to function as a team member. |

**Grading Policy & Grade Calculation**

Grades will be determined based on evaluation of individual and team readiness assessment tests (iRATs, tRATs), individual and team cumulative assessment tests (iCATs), midterm examinations, final written examinations, skills assessments, graded application assignments, participation in team-based projects, peer evaluations and other assessment methods that may include, but not limited to, Objective Structured Clinical Examinations (OSCE). Examinations, RATs and CATs may consist of, but not limited to, multiple-choice, true/false, fill in the blank, short-answer, essay, and problem-based questions.

Absences - <u>Unexcused</u>: iRAT/tRAT score for the session = 0. <u>Excused</u>: iRAT/tRAT score for the session is not averaged in the total end-of-semester grade.

During the time the course is in progress, students whose cumulative course percentage falls below 70.0% may receive an academic alert and be subject to periodic course content review in special sessions with the course instructor(s). The student's faculty advisor may receive an academic alert to act upon on the student's behalf.

All examinations, tests, and assignments, including the final examination, may be cumulative. Students are responsible for material presented during the prior courses. The grading scale for all graded material is below. **The final course grade will be assigned according to the calculated percentage and the percentages will not be rounded upward or downward.** For additional information, see examination/assessment policy below.

**Standard Grade Calculation\***

| | |
|---|---|
| **Individual Component** | **95%** |
| Activities | |
|     *iRATs | 10% |
| Major Assessments | 85% |
|     iCAT Midterm | (40%) |
|     iCAT Final | (45%) |
| | |
| **Team Component** | **5%** |
| tRATs / Participation | 2.5% |
| Team Application(s) | 2.5% |
| **Total** | **100%** |

*\* If the student's weighted average for the summative assessments (CATs/midterms/assessments/Final Exam) is < 70%, the weighted average corresponds to the respective letter grade and is the final course grade.*

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|---|---|
| A | 90 - 100 % |
| B | 80 - 89.999 % |
| C | 70 - 79.999 % |
| D | 65.0 - 69.999 % |
| F | < 65.0 % |

**PHAR 7276 Course Schedule**
**Spring 2023**

| WEEK | DAY | TOPIC*<br>Wk 1-11: Practice Management (ACPE)<br>Wk 12-15: Health Informatics/Patient Safety (ACPE) | Instructor | CLO | Disease States |
|---|---|---|---|---|---|
| 1 | Jan 13 | Introduction to the Course<br>Drug Pricing: Background | Veronin | 1,2 | S20.99 |
| 2 | Jan 20 | Organizations Involved in Drug Pricing<br>Drug Market Exclusivity* | Veronin | 1,2 | S20.99 |
| 3 | Jan 27 | Drug Price Measures<br>Drug Payment Methodologies* | Veronin | 1,2 | S20.99 |
| 4 | Feb 03 | Community Pharmacy Reimbursement* | Veronin | 2 | S20.99 |
| 5 | Feb 10 | Drug Pricing Transactions* | Veronin | 2 | S20.99 |
| 6 | Feb 17 | Drug Formulary Management* | Veronin | 2 | S20.99 |
| 7 | Feb 24 | *iCAT Exam 1* | Veronin | | |
| 8 | Mar 04 | Inventory Management: Drug Codes* | Veronin | 1,2,3 | S20.99 |
| 9 | Mar 7-12 | *Spring Break* | | | |
| 10 | Mar 17 | Financial Statements* | Veronin | 1,2 | S20.99 |
| 11 | Mar 24 | Lower Prescription Drug Costs* | Veronin | 1,2 | S20.99 |
| 12 | Mar 31 | Health Informatics/Patient Safety* | Veronin | 1,4 | S20.99 |
| 13 | Apr 7 | Health Informatics/Patient Safety* | Veronin | 1,3 | S20.99 |
| 14 | Apr 14 | Healthcare Quality and Risk Management* | Veronin | 1,2,3,4 | S20.99 |
| 15 | Apr 21 | Personnel Management - Guest Speaker<br>Review for Final Exam | Veronin | 1,2,3,4 | S20.99 |
| 16 | Apr 28 | Final Exam | Veronin | | |
| | COP Final Exams: TBA | | | | |
| | *\*Readiness Assurance Test (RAT) scheduled. Note that dates, topics, and assignments are subject to change. In the event of a change, you will be given ample notification of the change.* | | | | |