



CURRICULUM DEVELOPMENT COMMITTEE
ANNUAL REPORT: 2015-2016

I. Charge of the Committee:

The purpose of curriculum development committee is to monitor, evaluate and continuously improve the study plan so that it should fulfill the college mission in general and lead towards achievement of the program outcomes in special. The committee will have liaison with the Quality Assurance Unit for feedback and will design and implement strategies for final revision of the study plan within the framework provided by National and International accrediting bodies, based upon input from the faculty, students and stakeholders to address the new needs of the community; and to be in pace with recent advancement in the knowledge and practice of pharmacy.

II. Members:

1. Dr. Afzal Haq Asif (Chair)
2. Dr Promise Emika (Coordinator)
3. Dr Yasir Ibrahim
4. Dr. Maged Alsyed
5. Dr. Wael Soleiman
6. Dr. S. Tasleem ur Rasool
7. Dr Asia Taha
8. Dr Mansour Alotaibi
9. Mr. Turki Adakheel (student member)
10. Ms. Sulafa Alsahlavi (Student member)
11. Dr Jean Dib (SAMSO) Ex-officio

III. Number of meetings held during the academic year:

The Committee worked in close association with Quality Management Unit of the College.

1. **First Meeting:** Aug 28, 2015, Joint with QMU

1. Discussion and approval of PLO's
2. PLO's matrix and mapping of CLO's with those of PLO's
3. Approval of APR-2014-15 and recommendations of APR
4. Recommendation for Change in Study Plan/Curriculum

Category-1 University council	Program title, Code, Total Credit & Contact Hrs, Courses number and placement, , major track, intermediate exit, study plan approval as whole, location of program, Program entry requirement, Language of instruction
Category-2 SC-SPC	Course title code, course Credit hour, addition, deletion, merging of courses addition of course, overall evaluation of course, Program KPI's (define minimum), Areas of mission, Vision, (not the phrasing), No of hours for project/field experience, Attendance and completion requirements, Assessment and verification of standards, Professional occupations approval
Category-3 VP, AA	Prerequisite, co-requisite, Course ILO, PILO, Mapping and assessment, Books, Text and reference, , course components, Phrasing, rephrasing of mission, vision, objectives, KPI's (in addition to minimum as decided in category 2), Professional occupations suggestions, Field experience schedules, Course evaluation and improvement process, Course description



2. **Second Meeting:** Oct 21-25, 2016: Joint with QMU
3. **Third Meeting:** March 29, 2016: to consider various changes in course ILO's and delivery based upon course reports.

IV. Accomplishments

A. Visit of ACPE: Feb23-26, 2016

ACPE reviews team visited COCP to review its program as per ACPE certification criteria. The reviews had detailed discussion on the process of program development and on development of teaching and assessment strategies to achieve the [program mission. The recommendation made in previous ETR-2014 were assessed and evaluated by the reviewers. The reviewers showed satisfaction on the implementation of recommendations and on the processes used for program development based upon student assessment results.

The program was granted with 4 years comprehensive certification until June 20, 20120

B. Improvement in the Program & Courses:

The committee worked on continuous development of the program/courses. Following recommendations were made and were approved by the college council

1. As per recommendations from Annual Program Report 2014-2015:

a. Review of Pre-requisites for different courses :

Following reviewed pre-requisite skeleton was prepared, discussed and approved by the CDC for implementation through College Council and by the office of VP Academic Affairs

Sr. No	Course Name and number	Pre-requisite/co-requisite course (proposed)	Justification
1.	Pharmacognosy, 2010213 2 nd year 1 st semester	Pharmaceutical Organic Chemistry, 2010123 1 st year, 2 nd semester	To provide sound foundation in chemistry of organic compound of plant origin
2.	Pharmaceutical Care-1, 2030221 2 nd year 2 nd semester	Pharmacology-1, 2020111 1 st year 2 nd semester	To strengthen the basis of routes of administration and various pharmacokinetic concepts for patient education
3.	Introductory Pharmacy Practice Experience-1, 2030231 2 nd year summer semester	Pharmacology-2, 2010211 as pre-requisite The student should have attended Pharmaceutical Care-1, 2030221	IPPE-1 covers patients counselling regarding medication in a community pharmacy and primary care set-up. This needs basic information regarding drug properties and principles of communication
4.	Bio-Pharmaceutics, 2010314, 3 rd year first semester	Pharmacology-3, 2010211, 2 nd year 2 nd semester	Students need to have knowledge of drugs which will be used to exemplify in the teaching of biopharmaceutics. Moreover, the basic concepts of half life, first pass effect, Volume of distribution, discussed in pharmacology will prepare the students for advanced



			concepts to be taught in biopharmaceutics
5.	Pharmacology-4, 2010311 3 rd year 1 st semester	Immunology 2020223 & Microbiology 2020222	The contents of Pharmacology-4 include Anti microbials, immunosuppressants and anticancer drugs, which need strong background knowledge of Microbiology & immunology
6.	Therapeutics-2, 2030321 3 rd year 2 nd semester	Therapeutics-1, 2030311 3 rd year 1 st semester	Therapeutics-1 provides the foundation of basic concepts in the subject of therapeutics
7.	Research Methodology & biostatistics 2030325	Therapeutics-1 2030311	Students are involved in practice based research, therefore student should have knowledge of clinical practice and clinical use of drugs
8.	Therapeutics-3, 2030412 4 th year 1 st semester	Therapeutics-2, 2030321 3 rd year 2 nd semester	For sequential progression in the subject of therapeutics
9.	Therapeutics-4 2030421 4 th year 2 nd semester	Therapeutics-3, 2030412 4 th year 1 st semester	For sequential progression in the subject of therapeutics
10.	Institutional Pharmacy Practice (IPP) 2030323, 3 rd year 2 nd semester	Pharmaceutical Care-2 2030312 3 rd year 1 st semester	IPP needs basic concepts of patient and pharmacists relationship, which are provided in Pharmaceutical Care courses
11.	Law and Ethics in Pharmacy Practice 2030411 4 th year 1 st semester	Institutional Pharmacy Practice (IPP) 2030323, 3 rd year 2 nd semester	Law and Ethics course includes hospital and health system in Saudia. IPPE provides and basis for this course
12.	Pharmaco-economics, 2030416, 4 th year 1 st semester	Research methodology and Biostatistics 2030325, 3 rd year 2 nd semester	Pharmacoeconomics need a foundation in statistical concepts
13.	Drug Information Services, 2030413 4 th year, 1 st semester	Research methodology and Biostatistics 2030325, 3 rd year 2 nd semester	DIS needs understanding of various types of research studies for evidence based practice, which is component of DIS
14.	Pharmaco-epidemiology, 2030425 4 th year 2 nd semester	Drug Information Services, 2030413 4 th year, 1 st semester	Same as above
15.	Clinical Toxicology, 2010421 4 th year 2 nd semester	Pharmacology-4, 2010311 3 rd year 1 st semester	Since the student will study toxicology of almost all commonly used drugs, he needs to cover all pharmacology courses to register in Clinical Toxicology course
16.	Introductory Pharmacy Practice Experience-2, 2030331 3 rd year summer semester	Therapeutics-1, 2030311 3 rd year 1 st semester Student should have attended Institutional Pharmacy Practice (IPP) 2030323, 3 rd year 2 nd semester	The student is trained in Hospital pharmacy set-up where he needs concepts in clinical use of drugs, knowledge of Institutional Pharmacy practice
17.	Pre-requisites for APPE-2, 2030511, and APPE-3 2030521 may be removed, as the student has to take 10 rotation, according to the schedule which is based upon the availability of the training sites, not		



according to their semester distribution.

b. Inter-professional Education: Two Elective Courses

The courses could not be offered during this year and have been proposed to be offered during 2016-2017

c. In coordination with QMU, CDC prepared [proposal for IPE Committee](#) at University Level

2. Recommendations from Students through Program Evaluation Survey and Exit Survey

a. Drug Information Rotation Implementation

Drug Information Rotation was successfully implemented during APPE, as approved by CDC during 2014-15.

b. implementation IPPE improvement plan approved in 2014-15

OSCE was implemented as assessment tool for IPPE-1, and 2 during -2015-16

c. Simulation experience was approved for courses in Pharmaceutical Care-1 and 2

3. ACPE Recommendations implementation

Based upon ACPE reviewers reports, following changes made in the Pharm D Program Courses were implemented during 2015-2016, as follow:

- Reviewed Chemistry Related courses after removing redundancies
- Improved social and behavioural contents in Pharmaceutical Care course
- Improved courses in Pharmaceutical Care-1,2 and 3 enriched with topics on social and behavioural sciences.
- Advanced Community Pharmacy Practice Experience

4. Updation of Study Plan:

All the recommendations were incorporated in the curriculum document and **Pharm D Study Plan ver: 2:00** was prepared and printed, with updated book editions and objectives

5. Implementation of OSCE and Comprehensive final Exit exam :

The following as mandatory requirements for successful completion of APPE for all Pharm D were implemented

- Passing grades in written exam to be held at the end of 10 clinical rotations
- Passing the research rotation
- The weightage of various segments will be as under:
 - End of Rotations exam for Two Rotations in APPE-1 15%
 - End of Rotations exam for Four Rotations in APPE-2 30%
 - End of Rotations exam for Four Rotations in APPE-2 30%
 - Mid OSCE 5%
 - Final OSCE 7.5%
 - Comprehensive Written Exam 7.5%
 - Research 5%
 - Total 100%

The recommendations were approved by the college council for implementation during upcoming year: 2015-2016



6. Implementation of Research Rotation in APPE:

The following were implemented as approved previous years

Student has to pass compulsory research rotation, which will have following components:

- i. Assessment of written research report by panel of examiners 40%
- ii. Presentation and Defense of research project in presentation session, assessed by panel of assessors, one of whom will be students' supervisor: 30%
- iii. Participation and defense of the project in Poster Session evaluated by COCP faculty: 30%

C. Review of all course specifications/course files

The committee reviewed all the course specifications of both semesters and suggested changes to the departments where required, particularly in course ILO's

D. Awareness and training Programs:

The Committee organized following programs/workshops during the year 2015-2016:

1. Annual Program Report Presentation:

Annual Program Report 2014-2015 was presented at faculty forum and feedback was collected and suggestions were incorporated in the report

2. Prep Year students' orientation

The Committee participated in Orientation Program for the prep year, presenting detailed orientation on the Program

3. Orientation of New Faculty on the Program

The committee organized sessions for orienting the new faculty on the COCP Pharm D program as a part of **New Faculty Orientation Program-2015-2016**. The feedback from the participants was excellent

E. Miscellaneous

1. The committee provide assistance to all faculty members with an open door policy, on any kind of curricular issue, such as filling out any course template, or refining course objectives and contents
2. The committee worked closely with QMU and Assessment committee for program and course evaluations. Assistance was provided for determining KPI's for assessment of quality of teaching and learning.

V. Obstacles, Issues to be addressed:

1. Attendance of student members remained at lower percentage as compared to the faculty members

VI. Suggestions and recommendations:

1. Academic Affairs committee may provide free hours for students for participation in committee Activities in the upcoming academic schedule: 2016-2017



2. COCP administration may provide some incentive to **students** for attendance of College Committee meetings

VII. Work remaining and future Plan

1. Updated version of Study Plan with addition of Mapping of each course ILO's with 16 Program ILO's

VIII. Enclosures:

1. All Minutes of all Meetings

DR. AFZAL HAQ ASIF,
Chair
Curriculum Development Committee,
COCP, KFU, AL-Ahsa

Submitted: June 20, 2016

