

## Worksheet 1 - Program and Course Outcomes

### Step 1: Obtain course & Program outcomes

Program Outcomes (PO)	
Program Code	Program Name
PO1	Clinician, who understands and provides preventive, promotive, curative, palliative and holistic care with compassion.
PO2	Leader and member of the health care team and system.
PO3	Communicator with patients, families, colleagues and community.
PO4	Lifelong learner committed to continuous improvement of skills and knowledge.
PO5	Professional who is committed to excellence, is ethical, responsive and accountable to patients, community and the profession.
PO6	Critical thinker
PO7	Researcher
PO8	Digital literate
PO9	Developed holistically

Course Outcomes (CO)	
Course Code	Course Name
<b>CO1</b>	<b>Comprehension of the causes, evolution and mechanism of diseases</b>
a)	Describe the structure and ultra structure of a sick cell, causes and mechanisms of cell injury, cell death and repair.
b)	Correlate structural and functional alterations in the sick cell.

c)	Explain the path physiological processes, which govern the maintenance of homeostasis, mechanisms of their disturbance and the morphological and clinical manifestation associated with it.
d)	Describe the mechanisms and patterns of tissue reponse to injury so as to appreciate the path physiology of disease processes and their application to clinical science.
e)	Develop an understanding of steps in neoplastic changes in the body and their effects in order to appreciate need for early diagnosis and further management of neoplasia.
f)	Develop an understanding of the blood banking, blood donors & transfusion of blood & blood products, (components).
g)	Understand pathophysiology of infectious diseases in relation with tissue changes
h)	Describe the various immunological reactions in understanding the disease process and tissue transplant.
i)	Develop an understanding for genetic disorders.
<b>CO2</b>	<b>Knowledge of alternation in gross and cellular morphology of organs in disease states</b>
a)	Correlate the gross and microscopic alterations of different organ systems in common disease to the extent needed for understanding disease processes and their clinical significance.
b)	Understand the vital organ function test of Kidney, liver & thyroid.
c)	Able to understand the microscopic and macroscopic features of common diseases.
<b>CO3</b>	<b>Ability to correlate the antural history, structural and functional changes with the clinical manisfesations of dieases, their diagnosis and therapy.</b>

1. Identify the major course competencies given in the curriculum document.
2. Map which of the CO and PO is addressed by the TL activities used in the module Using
  - I – Outcomes introduced
  - P – Students afforded opportunities to practice
  - R – Reinforcement of practiced outcomes
  - M/C – Students demonstrate mastery/competency

MGM Medical College, Kamothe, Navi Mumbai

Department of Pathology

[illegible]

## Worksheet 3 - CO/ PO Correlation Mapping

## Step 3: Correlate COs to POs

Course code & name		Program code & name								
CO no.	CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9
		Clinician, who understands and provides preventive, promotive, curative, palliative and holistic care with compassion.	Leader and member of the health care team and system.	Communicate or with patients, families, colleagues and community.	Lifelong learner committed to continuous improvement of skills and knowledge.	Professional who is committed to excellence, is ethical, responsive and accountable to patients, community and the profession.	Critical thinker	Researcher	Digital literate	Developed holistically
CO 1	comprehension of the causes, evolution and mechanisms of diseases.	2	1	1	3	2	3	2	1	2
CO 2	Knowledge of alterations in gross and cellular morphology of organs in disease states	3	2	2	3	2	2	3	1	3
CO 3	Ability to correlate the natural history, structural and functional changes with the clinical manifestations of diseases, their diagnosis and therapy	2	2	2	3	2	3	3	1	2

**Clues :**

1. Evaluate if the Course Outcome (CO) Correlate with the explicitly stated PO.
2. Please Mark the correlation between CO / PO using the following scale.
  - 0 - No correlation
  - 1 - Slight (low) correlation
  - 2 - Moderate (medium) correlation
  - 3- Substantial (High) correlation