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**Najran University**

**College of Medicine**

**Medicine and surgery program**

**Learning objectives matrix**

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|  | **NQF Learning Domains**  **and Learning Outcomes** | **Teaching**  **Strategies** | **Assessment**  **Methods** |
| **1.0** | **Knowledge**  The graduate should be able to: | | |
| 1.1 | Describe the principles of basic medical sciences | * Lectures * seminars * tutorials * assignments * self-directed learning * E-learning * Problem Based Learning sessions * discussion * research activities * case studies | * MCQs examinations * individual and group presentation * case studies * discussion * research activities |
| 1.2 | Recognize the etiology, pathology, natural history, diagnosis, prognosis, control and prevention of common medical disorders in different age groups. |
| 1.3 | List the essential investigations and diagnostic procedures for common and life threatening illnesses. |
| 1.4 | Outline the basic principles of the management of common and life threatening illnesses |
| **2.0** | **Cognitive Skills**  The graduate should be able to: | | |
| 2.1 | Analyze symptoms and signs of patients presentation to formulate a deferential diagnosis and / or specific diagnosis | * Lectures * seminars * tutorials * group assignments * self-directed learning * E-learning * group discussion * research activities * case studies | * MCQs exams * individual and group presentations * case studies * discussion |
| 2.2 | Formulate appropriate management strategies for patients with common and life threatening health problems. |
| **3.0** | **Interpersonal Skills & Responsibility**  The graduate should be able to: | | |
| 3.1 | Respect patients’ rights in management decisions in terms of the different cultural beliefs and values in the community they serve. | * Seminars * tutorials * group assignments * practical classes * group discussion * research activities * lab demonstrations * Case studies. | * log books * group presentations * case studies * lab manuals * discussion |
| 3.2 | Illustrate the important role played by other health care professionals in patients’ management and works effectively within a team |
| **4.0** | **Communication, Information Technology, Numerical**  The graduate should be able to: | | |
| 4.1 | Presents information clearly in written, electronic and/or oral forms. | * Seminars * tutorials * group assignment * practical classes * E-learning * Group discussion, research activities. | * Group presentations * case studies * Discussion. |
| 4.2 | Communicate effectively with patients, their families, peers and members of the health care teams. |
| **5.0** | **Psychomotor**  The graduate should be able to: | | |
| 5.1 | Perform an appropriate clinical examination of the patients. | * Practical classes. * lab demonstrations * skill lab * BST | * Clinical examinations * OSCE * OSPE |
| 5.2 | Perform basic common medical and surgical procedures |