

Course Description Form

1. Educational Institution:
Northern Technical University / Nimrud Technical Institute
2. Academic Department:
Department of Therapeutic Nutrition Techniques
3. Course Title:
General Anatomy
4. Course Code:
TNT125
5. Level / Academic Year:
First / 2025-2026
6. Date of Description Preparation:
21/10/2025
7. Available Attendance Modes:
In-person
8. Total Credit Hours / Units:
75 hours (2 theoretical + 3 practical) × 15 weeks
9. Course Coordinator (All names if multiple):
Name: Mohammed Azeez Mohammed
Email: mdazz84@ntu.edu.iq
10. Course Objectives:
• Identify and Describe Major Structures. • Understand Structural-Functional Correlation. • Comprehend Topographical Anatomy. • Apply Anatomical Terminology.
11. Teaching and Learning Strategies:
• Dialogue and discussion strategy. • Brainstorming. • Self-learning. • Assigning collaborative group work. • Assigning reports.

12.Course Structure:

Week	Hours	Required Learning Outcomes	Unit or subject name	Learning method	Evaluation method
1	5 Hours (2Theory+3 Practical)	1. Define anatomy and its main subdivisions. 2.List and describe the levels of structural organization of the human body (from chemical to organism).	Introduction to anatomy and human body. Level of organization. Anatomical positions	Presentation, explanation, Q&A, interactive discussion, self learning.	Oral, written and practical daily assessments and scientific reports.
2	5 Hours (2Theory+3 Practical)	1 Locate and identify the major anatomical regions of the body . 2. Apply anatomical planes to describe the relationship of body structures or in medical imaging.	Body regions and cavities. Body planes and sections	Presentation, explanation, Q&A, interactive discussion, self learning.	Oral, written and practical daily assessments and scientific reports.
3	5 Hours (2Theory+3 Practical)	1.Classify the different types of stratified epithelium 2.Identify the location and functional significance of each type of stratified epithelium.	Directional terms, Tissues and membranes	Presentation, explanation, Q&A, interactive discussion, self learning.	Oral, written and practical daily assessments and scientific reports
4	5 Hours (2Theory+3 Practical)	1. Classify the four primary tissue types (epithelial, connective, muscle, nervous) and state their basic functions 2. Use standard anatomical directional terms correctly.	Upper limb	Presentation, explanation, Q&A, interactive discussion, self learning.	Oral, written and practical daily assessments and scientific reports
5	5 Hours (2Theory+3 Practical)	Identify the bones of the pectoral girdle, arm, forearm, and hand. Describe the main groups of muscles of the upper limb and their general actions	Lower limb	Presentation, explanation, Q&A, interactive discussion, self learning.	Oral, written and practical daily assessments and scientific reports

6	5 Hours (2Theory+3 Practical)	Identify the bones and major anatomical landmarks of the thoracic wall	Thorax	Presentation, explanation, Q&A, interactive discussion, self-learning.	Oral, written and practical daily assessments and scientific reports
7	5 Hours (2Theory+3 Practical)	1.Describe the boundaries of the abdominal cavity. 2.Identify the location and gross anatomy of the major abdominal organs	Abdomen	Presentation, explanation, Q&A, interactive discussion, self-learning.	Oral, written and practical daily assessments and scientific reports
8	5 Hours (2Theory+3 Practical)	1.Identify the bones and major anatomical landmarks of the bony pelvis. 2.Identify the location and gross anatomy of the pelvic organs	Pelvis	Presentation, explanation, Q&A, interactive discussion, self-learning.	Written examination
9	5 Hours (2Theory+2 Practical)	1.Identify the bones of the neurocranium and viscerocranium. 2.Identify the major muscles of facial expression and mastication.	Head and neck	Presentation, explanation, Q&A, interactive discussion, self-learning.	Oral, written and practical daily assessments and scientific reports
10	5 Hours (2Theory+3 Practical)	1.Classify bones based on shape and describe the basic structure of a long bone. 2.Classify joints based on structure and function, giving examples of each type.	Musculoskeletal system: Bones, joints, and muscles	Presentation, explanation, Q&A, interactive discussion, self-learning.	Oral, written and practical daily assessments and scientific reports
11	5 Hours (2Theory+3 Practical)	Identify the organs of the digestive tract and accessory organs in sequence from mouth to anus.	Digestive system, Digestive tract	Presentation, explanation, Q&A, interactive discussion, self-learning.	Oral, written and practical daily assessments and scientific reports
12	5 Hours (2Theory+3 Practical)	1.Describe the surface anatomy, chambers, and great vessels of the heart. 2.Trace the flow of blood through the pulmonary and systemic circuits.	Cardiovascular system: Heart and blood vessels	Presentation, explanation, Q&A, interactive discussion, self-learning.	Oral, written and practical daily assessments and scientific reports

13	5 Hours (2Theory+3 Practical)	2. Identify the organs of the respiratory system in sequence from the nose to the alveoli. 2. Describe the gross anatomy of the larynx, trachea, bronchi, and lungs.	Respiratory system	Presentation, explanation, Q&A, interactive discussion, self learning.	Written examination
14	5 Hours (2Theory+3 Practical)	Identify the organs of the urinary system and describe their location (kidneys, ureters, urinary bladder, urethra).	Urinary system	Presentation, explanation, Q&A, interactive discussion, self learning.	Oral, written and practical daily assessments and scientific reports
15	5 Hours (2Theory+3 Practical)	1. Identify the gross anatomical structures of the male reproductive system and describe their functions. 2. Identify the gross anatomical structures of the female reproductive system and describe their functions.	Reproductive system	Presentation, explanation, Q&A, interactive discussion, self learning.	Oral, written and practical daily assessments and scientific reports

3. Course Evaluation

Grade distribution out of 100 according to the tasks assigned to the student, such as daily preparation, daily oral tests, monthly or written exams, reports, etc

4. Learning and Teaching Resources

Required textbooks (curricular books, if any)	Clinically Oriented Anatomy by Keith L. Moore, Arthur F. Dalley, and Anne M. R. Agur.
Electronic References, Websites	Standring, S. (Ed.). (2021). <i>Gray's anatomy: The anatomical basis of clinical practice</i> (42nd ed.). Elsevier.

رئيس القسم
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