

بِسْمِ اللَّهِ الرَّحْمَنِ الرَّحِيمِ



دانشگاه علوم پزشکی و خدمات بهداشتی درمانی استان تهران

معاونت آموزش دانشگاه

مرکز مطالعات و توسعه آموزش علوم پزشکی

طرح درس تئوری / عملی

همکار محترم

از آنجایی که فرآیند یاددهی- یادگیری پروسه ای است که رسیدن به اهداف آن بدون برنامه ریزی امکان پذیر نیست، لذا تدوین طرح درس در آغاز فرآیند آموزش (به عنوان نقشه و راهنمای تدریس برای مدرسین و دانشجویان)، ضروری بوده و به عنوان یکی از ابزارهای اصلی فعالیت آموزشی مدرسین مطرح می باشد. لذا خواهشمند است مدرسین محترم در تکمیل طرح درس نهایت دقت را مبذول فرمایند.

مشخصات درس و مدرس (تکمیل همه ی موارد این بند ضروری می باشد)

- عنوان درس: English for medical students 2
- نام و نام خانوادگی مسئول درس: Seyedeh Zahra Asghari
- نام و نام خانوادگی مدیر گروه: Seyedeh Zahra Asghari
- نوع و میزان واحد به تفکیک: ■ نظری 3 واحد ، □ عملی واحد
- رشته و مقطع تحصیلی دانشجو: MD/basic sciences.
- زمان درس: نیمسال دوم
- مکان آموزش: class room/Medical school

سرفصل (عنوان)	اهداف رفتاری ^۱	حیطه یادگیری ^۲	روش تدریس ^۳	مدت زمان	وسایل کمک آموزشی	روش ارزشیابی ^۴	جلسه
Endocrine System: 1.Key terms 2.Roots Pertaining to the Endocrine System	The student should be able to: 1. match terms with their descriptions 2. pronounce the key terms correctly 2. Identify roots pertaining to the endocrine system 3. Form medical terms by combining prefixes, suffixes and roots related to the endocrine system.	1. Cognitive 2. Cognitive 3. Cognitive	Multi media: 1. Lecture, 2.Educational videos, 3. Question & answer.	۹۰ minutes	1.Power point 2.Dictionary 3.educational videos 4.Whit eboard	1. Short answer questions (during the semester) 2. MCQ (final exam)	۱
Endocrine System: 1. Case studies 2. abbreviations	The student should be able to: 1. Analyze medical terms in several case studies concerning the endocrine system 2. Identifying the Main Idea of the texts 3. Interpret abbreviations used in endocrinology	1. Cognitive 2. Cognitive 3. Cognitive	Multi media: 1. Lecture, 2.Educational videos, 3. Question & answer.	۹۰ minutes	1.Power point 2.Dictionary 3.educational videos 4.Whit eboard	1.Short answer questions (during the semester) 2. MCQ (final exam)	۲
Endocrine System: 1.Clinical Aspects of the Endocrine System	The student should be able to: 1. Identify and interpret diagnostic	1. Cognitive	Multi media: 1. Lecture,	۹۰ minutes	1.Power point 2.Dictionary	1.Short answer questions (during the semester)	۳

¹ بمنظور نگارش اهداف رفتاری باید از افعالی استفاده شود که عینی و قابل اندازه گیری باشد. به عنوان مثال در حیطه knowledge از افعالی مانند نام ببرد، توضیح دهد، مقایسه کند، تحلیل کند، برآورد کند و... در حیطه Attitude از افعالی مانند اعتقاد پیدا کند، بتواند متقاعد کند، همکاری نماید، تبلیغ کند و... و در حیطه Psychomotor از افعالی مانند بتواند تقلید کند، انجام دهد و... استفاده می شود.

² با توجه به هدف آموزشی حیطه یادگیری در سطح knowledge, attitude, psychomotor مشخص می شود.

^۳ روش تدریس متناسب با هدف آموزشی مانند سخنرانی، بحث گروهی، ایفای نقش، PBL و... انتخاب شود

⁴ در هر جلسه در صورت وجود ارزشیابی، نحوه انجام آن مشخص شود. مثل پرسش و پاسخ، کوئیز (MCQ یا تشریحی) و...

2. MCQ (final exam)	3.educational videos 4.Whitboard		2.Educational videos, 3. Question & answer.	2. Cognitive 3. Cognitive	and symptomatic terms related to the pathophysiology specific to the endocrine system. 2. Summarize and correctly translate the texts into Persian		
1. Short answer questions (during the semester) 2. MCQ (final exam)	1.Power point 2.Dictionary 3.educational videos 4.Whitboard	90 minutes	Multi media: 1. Lecture, 2.Educational videos, 3. Question & answer.	1. Cognitive 2. Cognitive 3. Cognitive 4. Cognitive	The student should be able to: 1. Identify the roots pertaining to the cardiovascular & Lymphatic systems 2. Form medical terms by combining prefixes, suffixes and roots related to the cardiovascular & Lymphatic systems. 3. Match terms with their descriptions. 4. pronounce the key terms correctly	Cardiovascular & Lymphatic System: ١..Roots for the Heart ٢..Roots for the Blood Vessels ٣. Key Terms	٤
1..Short answer questions (during the semester) 2. MCQ (final exam)	1.Power point 2.Dictionary 3.educational videos 4.Whitboard	90 minutes	Multi media: 1. Lecture, 2.Educational videos, 3. Question & answer.	1. Cognitive 2. Cognitive	The student should be able to: 1. Identify and interpret diagnostic and symptomatic terms related to the pathophysiology specific to the cardiovascular & Lymphatic systems. 2. Summarize and correctly translate the texts into Persian	Cardiovascular & Lymphatic System: 1.Clinical Aspects of the Cardiovascular System	5
Short..1 answer questions	1.Power point	90 mi	Multi media:	1. Cognitive	The student should be able to:	Cardiovascular & Lymphatic System:	6

(during the semester) 2. MCQ (final exam)	2.Dictio nary 3.educ ational videos 4.Whit eboard	nu tes	1. Lectur e, 2.Educ ational videos, 3. Questi on & answe r.	2.Co gniti ve	1. Analyze medical terms in several case studies concerning the cardiovascular & Lymphatic systems . 2. Interpret abbreviations used in cardiovascular & Lymphatic systems	1..case studies 2. Abbreviations	
1.Short answer questions (during the semester) 2. MCQ (final exam)	1.Pow er point 2.Dictio nary 3.educ ational videos 4.Whit eboard	90 mi nu tes	Multi media: 1. Lectur e, 2.Educ ational videos, 3. Questi on & answe r.	1.Co gniti ve 2.Co gniti ve 3.Co gniti ve 4.Co gniti ve 5.Co gniti ve	The student should be able to: 1. Identify and use roots and suffixes pertaining to the blood and immunity. 2. Identify and use roots pertaining to blood chemistry 3. Match terms with their descriptions. 4. Pronounce the key terms correctly 5. Form medical terms by combining prefixes, suffixes and roots related to blood and immunity	Blood and Immunity: 1. Suffixes for Blood 2. Roots for Blood and Immunity 3. Roots for Blood Chemistry 4. Key Terms	7
1.Short answer questions (during the semester) 2. MCQ (final exam)	1.Pow er point 2.Dictio nary 3.educ ational videos 4.Whit eboard	90 mi nu tes	Multi media: 1. Lectur e, 2.Educ ational videos, 3. Questi on & answe r.	1.Co gniti ve 2.Co gniti ve	The student should be able to: 1. Identify and interpret diagnostic and symptomatic terms related to the pathophysiology specific to blood and immunity. 2. Summarize and correctly interpret the texts	Blood and Immunity: 1.Clinical Aspects of Blood	8

1.Short answer questions (during the semester) 2. MCQ (final exam)	1.Power point 2.Dictionary 3.educational videos 4.Whit eboard	90 minutes	Multi media: 1. Lecture, 2.Educational videos, 3.Question & answer.	1. Cognitive 2. Cognitive 3. Cognitive	The student should be able to: 1. Analyze medical terms in case studies involving blood and immunity. 2. Interpret medical abbreviations referring to blood and immunity.	Blood and Immunity: 1.case studies 2.Abbreviations	9
1.Short answer questions (during the semester) 2. MCQ (final exam)	1.Power point 2.Dictionary 3.educational videos 4.Whit eboard	90 minutes	Multi media: 1. Lecture, 2.Educational videos, 3.Question & answer.	1. Cognitive 2. Cognitive 3. Cognitive	The student should be able to: 1. Identify and use roots and suffixes pertaining to the respiratory system. 2. Match terms with their descriptions. 3. Pronounce the key terms correctly 4. Form medical terms by combining prefixes, suffixes and roots related to the respiratory system.	Respiratory System: 1.key terms 2. Suffixes for Respiration 3. Roots for the Respiratory Passageways 4. Roots for the Lungs and Breathing	10
1.Short answer questions (during the semester) 2. MCQ (final exam)	1.Power point 2.Dictionary 3.educational videos 4.Whit eboard	90 minutes	Multi media: 1. Lecture, 2.Educational videos, 3.Question & answer.	1. Cognitive 2. Cognitive	The student should be able to: 1. Identify and interpret diagnostic and symptomatic terms related to the pathophysiology specific to the Respiratory System. 2. Summarize and correctly interpret the texts	Respiratory System: 1.Clinical Aspects of the Respiratory System	11
1.Short answer questions	1.Power point	90 minutes	Multi media:	1. Cognitive	The student should be able to: 1. Interpret abbreviations	Respiratory System: 1. Abbreviations 2.case studies	12

(during the semester(2. MCQ (final exam)	2.Dictio nary 3.educ ational videos 4.Whit eboard		1. Lectur e, 2.Educ ational videos, 3.Ques tion & answe r.	2. Co gniti ve	commonly used with reference to the respiratory system. 2.Analyze medical terms in case studies pertaining to respiration		
1.Short answer questions (during the semester(2. MCQ (final exam)	1.Powe r point 2.Dictio nary 3.educ ational videos 4.Whit eboard	90 mi nu tes	Multi media: 1. Lectur e, 2.Educ ational videos, 3.Ques tion & answe r.	1. Co gniti ve 2. Co gniti ve 3. Co gniti ve 4. Co gniti ve	The student should be able to: 1. Identify and use the roots pertaining to the digestive system and accessory organs 2. Match medical terms used in reference to the digestive system with their descriptions. 3. Pronounce the key terms correctly 4. Form medical terms by combining prefixes, suffixes and roots related to the digestive system.	Digestive System: 1. key terms 2.Roots for the Mouth Digestive Tract 3. Roots for the Accessory Organs	13
1.Short answer questions (during the semester(2. MCQ (final exam)	1.Powe r point 2.Dictio nary 3.educ ational videos 4.Whit eboard	90 mi nu tes	Multi media: 1. Lectur e, 2.Educ ational videos, 3.Ques tion & answe r.	1. Co gniti ve 2. Co gniti ve	The student should be able to: 1. Identify and interpret diagnostic and symptomatic terms related to the pathophysiology specific the digestive system. 2. Summarize and correctly interpret the texts	Digestive System: 1.Clinical Aspects of the Digestive System	14

<p>1.Short answer questions (during the semester)</p> <p>2. MCQ (final exam)</p>	<p>1.Power point</p> <p>2.Dictionary</p> <p>3.educational videos</p> <p>4.Whit eboard</p>	<p>90 minutes</p>	<p>Multi media:</p> <p>1. Lecture,</p> <p>2.Educational videos,</p> <p>3.Question & answer.</p>	<p>1.Cognitive</p> <p>2.Cognitive</p>	<p>The student should be able to:</p> <p>1.Interpret abbreviations used in referring to the gastrointestinal system.</p> <p>2.Analyze the medical terms in case studies related to the digestive system</p>	<p>Digestive System:</p> <p>1. Abbreviations</p> <p>2.case studies</p>	<p>15</p>
<p>1.Short answer questions (during the semester)</p> <p>2. MCQ (final exam)</p>	<p>1.Power point</p> <p>2.Dictionary</p> <p>3.educational videos</p> <p>4.Whit eboard</p>	<p>90 minutes</p>	<p>Multi media:</p> <p>1. Lecture,</p> <p>2.Educational videos,</p> <p>3.Question & answer.</p>	<p>1.Cognitive</p> <p>2.Cognitive</p> <p>3.Cognitive</p> <p>4.Cognitive</p>	<p>The student should be able to:</p> <p>1. Identify and use the roots pertaining to the Urinary System.</p> <p>2. Match medical terms used in reference to the urinary system with their descriptions.</p> <p>3. Pronounce the key terms correctly</p> <p>4. Form medical terms by combining prefixes, suffixes and roots related to the urinary system.</p>	<p>Urinary System:</p> <p>1. Key Terms</p> <p>2. Roots for the Kidney and Urinary Tract</p> <p>3.</p>	<p>16</p>
<p>1.Short answer questions (during the semester)</p> <p>2. MCQ (final exam)</p>	<p>1.Power point</p> <p>2.Dictionary</p> <p>3.educational videos</p> <p>4.Whit eboard</p>	<p>90 minutes</p>	<p>Multi media:</p> <p>1. Lecture,</p> <p>2.Educational videos,</p> <p>3.Question & answer.</p>	<p>1.Cognitive</p> <p>2.Cognitive</p>	<p>The student should be able to:</p> <p>1. Identify and interpret diagnostic and symptomatic terms related to the pathophysiology specific to the urinary system.</p> <p>2. Summarize and correctly interpret the texts.</p>	<p>Urinary System:</p> <p>1. Clinical Aspects of the Urinary System</p>	<p>17</p>

1.Short answer questions (during the semester) 2. MCQ (final exam)	1.Power point 2.Dictionary 3.educational videos 4.Whit eboard	90 minutes	Multi media: 1. Lecture, 2.Educational videos, 3.Question & answer.	1. Co gnitive 2. Co gnitive 3. Co gnitive 4. Co gnitive	The student should be able to: 1. Interpret abbreviations used in reference to the urinary system. 2. Analyze medical terms in case studies pertaining to the urinary system.	Urinary System: 1. Abbreviations 2.case studies	18
1.Short answer questions (during the semester) 2. MCQ (final exam)	1.Power point 2.Dictionary 3.educational videos 4.Whit eboard	90 minutes	Multi media: 1. Lecture, 2.Educational videos, 3.Question & answer.	1. Co gnitive 2. Co gnitive 3. Co gnitive 4. Co gnitive	The student should be able to: 1. Identify and use roots pertaining to the male reproductive system. 2. Match medical terms used in reference to the male reproductive system with their descriptions. 3. Pronounce the key terms correctly 4. Form medical terms by combining prefixes, suffixes and roots related to the male reproductive system.	Male Reproductive System: 1. Key Terms 2. Roots for Male Reproduction	19
1.Short answer questions (during the semester) 2. MCQ (final exam)	1.Power point 2.Dictionary 3.educational videos 4.Whit eboard	90 minutes	Multi media: 1. Lecture, 2.Educational videos, 3.Question &	1. Co gnitive 2. Co gnitive	The student should be able to: 1. Identify and interpret diagnostic and symptomatic terms related to the pathophysiology specific to the Male Reproductive System. 2. Summarize and correctly interpret the texts.	Male Reproductive System: 1.Clinical Aspects of the Male Reproductive System	20

			answe r.				
1.Short answer questions (during the semester) 2. MCQ (final exam)	1.Power point 2.Dictio nary 3.educ ational videos 4.Whit eboard	90 mi nu tes	Multi media: 1. Lectur e, 2.Educ ational videos, 3.Ques tion & answe r.	1. Co gniti ve 2. Co gniti ve	The student should be able to: 1. Interpret abbreviations used in referring to the male reproductive system. 2. Analyze medical terms in several case studies concerning the male reproductive system.	Male Reproductive System: 1. Abbreviations 2.case studies	21
1.Short answer questions (during the semester) 2. MCQ (final exam)	1.Power point 2.Dictio nary 3.educ ational videos 4.Whit eboard	90 mi nu tes	Multi media: 1. Lectur e, 2.Educ ational videos, 3.Ques tion & answe r.	1. Co gniti ve 2. Co gniti ve 3. Co gniti ve 4. Co gniti ve	The student should be able to: 1. Identify and use roots pertaining to the female reproductive system, pregnancy, and birth. 2. Match medical terms used in reference to the female reproductive system with their descriptions. 3. Pronounce the key terms correctly 4.Form medical terms by combining prefixes, suffixes and roots related to the	female reproductive system: 1. Key Terms 2. Roots for Female Reproduction and the Ovaries 3.Roots for the Uterine Tubes, Uterus, and Vagina 4.Roots for the Female Accessory Structures	22

					female reproductive system		
1.Short answer questions (during the semester) 2. MCQ (final exam)	1.Power point 2.Dictionary 3.educational videos 4.Whit eboard	90 minutes	Multi media: 1. Lecture, 2.Educational videos, 3.Question & answer.	1.Co gnitive 2.Co gnitive	The student should be able to: 1. Identify and interpret diagnostic and symptomatic terms related to the pathophysiology specific to the female Reproductive System. 2. Summarize and correctly interpret the texts.	female reproductive system: 1. Clinical Aspects of Female Reproduction	23
1.Short answer questions (during the semester) 2. MCQ (final exam)	1.Power point 2.Dictionary 3.educational videos 4.Whit eboard	90 minutes	Multi media: 1. Lecture, 2.Educational videos, 3. Question & answer.	1.Co gnitive 2.Co gnitive	The student should be able to: 1. Interpret abbreviations used in referring to reproduction. 2. Analyze the medical terms in several case studies concerning the female reproductive system, pregnancy, and birth	female reproductive system: 1.Abbreviations 2.case studies	24

شیوه نمره دهی

میزان امتیاز از کل	ابزار ارزشیابی ⁵	نوع ارزشیابی
3	Oral Question & answer in class room	کوئیز
5	MCQ, short answer questions (written exam)	امتحان میان ترم
10	MCQ, short answer questions (written exam)	امتحان پایان ترم
2	Class participation, following academic regulations (class attendance, being on time,...)	سایر موارد

⁵ ابزار ارزشیابی می‌تواند مواردی مانند آزمون تشریحی، سوالات کوتاه پاسخ، سوالات کامل کردنی، MCQs، پروژه، آسکی و... باشد.

منابع:

- Medical Terminology, 9th edition, Barbara J *Cohen*; Shirley A Jones, 2021.
2. English for the Students of Medicine, Tahririan, Ameri, Golestan, 6th Print Publication: 2018, Publisher: SAMT.
3. English for the Students of Medicine, Atai , Shoja , Kafshgarsouteh , Zolghadri, 1391. SAMT.