

Документ подписан простой электронной подписью
Информация о владельце:
ФИО: Ястребов Олег Александрович
Должность: Ректор
Дата подписания: 05.06.2024 15:35:43
Уникальный программный ключ:
ca953a0120d891083f939673078ef1a989dae18a

Federal State Autonomous Educational Institution for Higher Education

PEOPLES' FRIENDSHIP UNIVERSITY OF RUSSIA

(RUDN University)

Medical Institute

(name of the main educational unit)

COURSE SYLLABUS

INTRODUCTION TO THE SPECIALTY

(Subject / Course title)

Recommended by the Didactic Council for the Education Field of (Linguistics):

31.05.03. Dentistry

(Code and Higher Education Field)

The course instruction is implemented within the professional education programme of higher education:

Dentistry

(Name of specialization EP of HE)

2024 г.

1. THE GOALS OF MASTERING THE DISCIPLINE

The development of students' personal qualities, as well as the formation of general professional and professional competencies in accordance with the requirements of the Federal State Educational Standard for Higher Education in the field of Dentistry in the discipline "Introduction to the specialty".

2. REQUIREMENTS FOR THE RESULTS OF MASTERING THE DISCIPLINE

The development of the discipline "Introduction to the specialty" is aimed at the formation of the following competencies (parts of competencies): GPC – 1 (1.1).

Table 2.1. The list of competencies formed by students during the development of the discipline (the results of the development of the discipline).

Code	Competencies	Indicators of competence achievement
GPC - 1.	The ability to implement moral and legal norms, ethical and deontological principles in professional activity.	GPC -1.1. Compliance with the fundamentals of medical ethics and deontology; fundamentals of legislation in the field of healthcare; legal aspects of medical activity.

3. THE PLACE OF DISCIPLINE IN THE STRUCTURE OF THE EP of HE.

The discipline "Introduction to the specialty" refers to the mandatory part: block B.1 of the EP of HE.

Within the framework of the EP of HE, students also master other disciplines that contribute to achieving the planned results of mastering the discipline "Introduction to the specialty".

Table 3.1. The list of components of the EP of HE that contribute to achieving the planned results of mastering the discipline

Code	Competencies	Previous disciplines	Subsequent disciplines
GPC - 1.	The ability to implement moral and legal norms, ethical and deontological principles in professional activity.		ALL dental clinical disciplines.

4. THE SCOPE OF THE DISCIPLINE AND TYPES OF ACADEMIC WORK

The total labor intensity of the discipline "Introduction to the specialty" is 2 credits.

Table 4.1. Types of educational work according to the periods of mastering the EP of HE for FULL-time education.

Type of educational work	Quantity of hours	Semesters			
		1			
Classroom classes (total)	34	34			
Including:		-	-	-	-
<i>Lectures</i>	17	17			
<i>Workshops (WS)</i>					
Seminars (<i>S</i>)	17	17			
<i>Lab work (LW)</i>					
Self-study (total)	38	38			
Total labor intensity (academic hour and pass/fail grading)	72	72			
	2	2			

5. THE CONTENT OF THE DISCIPLINE

Table 5.1. The content of the discipline (module) by type of academic work.

Name of the discipline section	№ Topic	The content of the section (topics)	Type of ac. work
Section 1. Introduction to dentistry. The structure of the specialty dentistry.	Topic 1.	Introduction to the specialty of dentistry. The history of the development of dentistry.	L. LW. SS.
	Topic 2.	The structure of the specialty dentistry. Ethics and deontology in dentistry.	L. LW. SS.
Section 2. Ergonomics of dental care. Organization and equipment of a dental clinic.	Topic 3.	Organization and equipment of a dental clinic, departments, cabinets, functions, staff. Provision of dental medical care, levels, standards.	L. LW. SS.
	Topic 4.	Types of dental institutions by type of ownership. Insurance in dentistry. Medical documentation.	L. LW. SS.
	Topic 5.	Safety rules of working in dentistry. Personal protective equipment at a dental appointment. Radiology. Rules for working with dental equipment.	L. LW. SS.
	Topic 6.	First aid to victims in case of violation of safety regulations. An occupational injury. The sequence of actions in case of an occupational injury. Anti-aids first aid kit.	L. LW. SS.
	Topic 7.	Equipment. Procedures and standards for equipping premises. Dental cabinets of all profiles.	L. LW. SS.
	Topic 8.	Dental installations, types of tips, burs. Maintenance of the equipment. Ergonomics of working on dental installations in 4 hands.	L. LW. SS.
	Topic 9.	Dental instruments: basic set. Tools for therapeutic dentistry. Tools for restoration. The structure of the tools, their purpose, and the rules of use.	L. LW. SS.

	Topic 10.	Tools for therapeutic dentistry. The structure of the tools, their purpose, and the rules of use. Burs.	L. LW. SS.
	Topic 11.	Periodontal instruments. Instruments for surgical dentistry. The structure of the tools, their purpose, and the rules of use.	L. LW. SS.
	Topic 12.	Tools for orthopedic dentistry. The structure of the tools, their purpose, and the rules of use.	L. LW. SS.
Section 3. Disinfection and sterilization in dentistry. SanPiN 2.4.2.2821-10.	Topic 13.	Disinfection and sterilization in dentistry.	L. LW. SS.
	Topic 14.	Types of disinfection	L. LW. SS.
	Topic 15 .	Sterilization. Classification of tools depending on the type of processing.	L. LW. SS.
	Topic 16.	Types of waste.	L. LW. SS.
	Topic 17.	The final lesson. A test class.	Test control, job interview

6. MATERIAL AND TECHNICAL SUPPORT OF THE DISCIPLINE:

Classroom for Academic Activity Type	Equipping the audience	Specialized educational/laboratory equipment, Software and materials for the development of the discipline.
Lecture Classroom	The lecture-type classroom (№204) is equipped with a set of specialized furniture; a blackboard (screen) and multimedia presentation equipment.	A set of specialized furniture. <i>Technical support:</i> – multimedia projector, – Internet connection. <i>Software:</i> – Microsoft products (the operating system, a suite of office applications, including MSOffice/ Office 365, Teams.)
Lab/ Seminars classroom	Classrooms are located in buildings: ATI and GUM-SOC. In the ATI building: audiences 249, 250, 251, 252 (the phantom class) и 253. In the GUM-SOC building: audiences 232-235 (the phantom class).	A set of specialized furniture. <i>Technical support:</i> Dental simulation units. DLP Optoma H114 Projector. Lenovo Think Centre M71z automated workplace. Laptop Asus X756UVIntel. Projector AcerP1285.

		<p>Display Elite Screens Spectrum Electric100V.</p> <p>Laptop ASUS X751LDV.</p> <p>Monoblock Dell Optiplex 3030.</p> <p>PC TMO3300 i3 254.</p> <p>Polymerization lamps "Woodpecker".</p> <p>Control units with a micromotor tip.</p> <p>Multimedia projector Sony VPL-C6.</p> <p>Electric screen Projecta PSECO001 Elproelectrol 160x160 sm.</p> <p>MOULAGES patient's head for phantom work in the package.</p> <p>Dental chair with electric drive and programmable position.</p> <p>The doctor's units are included.</p> <p>Screen 17" BenQ sc.1472.</p> <p>The screen is on a tripod Projecta, 180x180.</p> <p>Control units of the dental unit for 2 tips and a spray.</p> <p>Blocks of tips "DART 1440".</p> <p>Models of the upper and lower jaw with an articulator.</p> <p>A cupboard for storing sterile instruments.</p> <p>Instruments used in therapeutic, orthopedic and surgical dentistry.</p> <p>Consumables: gypsum, wax, casts, sealing materials, etc.</p> <p><u>Information stands and expositions:</u></p> <ul style="list-style-type: none"> – information stand in Russian and English; – visual aids, posters, models.
Computer classroom	Not provided	

Self-studies classroom	Classrooms 249, 250, 251, 252, 253 in ATI building. Classrooms 232-235 in GUM-SOC building, Classrooms equipped with a set of specialized furniture and computers with access to EIOS. Halls. The scientific library in the Main building of the RUDN..	
------------------------	---	--

7. EDUCATIONAL, METHODOLOGICAL AND INFORMATION SUPPORT OF THE DISCIPLINE.

Main reading (sources):

1. Boyd, L. R. (б.д.). 2. Получено из Dental Instruments: <http://dentalbooks-drbassam.blogspot.com>
2. Shillingburg, H. T. (2012). *Fundamentals of Fixed Prosthodontics*. (L. Huffman, Редактор) Получено из www.quintpub.com

Additional (optional) reading (sources):

3. B. Suresh Chandrs, V. (2014). *Grossman's Endodontic practice* (изд. 13). Chennai, India: Wolters Kluwer Health.
4. Hospital, C. F. (2009). *Advanced Endodontics*. Dharwad, India: R Nageswar Rao.
5. John F. McCabe, A. W. (2008). *Applied Dental Materials*. Blackwell Munksgaard.
6. L.a. Morrow, P. B. (2005). *Principles of Operative Dentistry*. Получено из <https://www.dentistry.blackwellmunksgaard.com/>
7. Roberson, T. M. (2002). *Sturdevant's art and science of operative dentistry* (изд. 4). (P. Rudolph, Ред.) North Carolina: Mosby.

Internet-(based) sources:

1. Electronic libraries with access for RUDN students:
 - Electronic library system РУДН – ЭБС РУДН <http://lib.rudn.ru/MegaPro/Web>
 - ELS « University Library Online » <http://www.biblioclub.ru>
 - ELS Yurayt <http://www.biblio-online.ru>
 - ELS «Student's Consultant » www.studentlibrary.ru
 - ELS «Lan» <http://e.lanbook.com/>
 - ELS « Troitsky most»
2. Databases and search engines:
 - electronic fund of legal and regulatory and technical documentation <http://docs.cntd.ru/>
 - the Yandex search engine <https://www.yandex.ru/>
 - the Google search engine <https://www.google.ru/>

- abstract database SCOPUS <http://www.elsevierscience.ru/products/scopus/>

Learning toolkits for self- studies in the RUDN LMS TUIS

1. A course of lectures and presentations on the discipline "Introduction to the specialty".

№	Lecture topics	Hours
1.	Introduction to the specialty of dentistry. The history of the development of dentistry. The structure of the specialty dentistry. Ethics and deontology in dentistry.	2
2.	Organization and equipment of a dental clinic, departments, cabinets, functions, staff. Provision of dental medical care, levels, standards. Types of dental institutions by type of ownership. Insurance in dentistry. Medical documentation.	2
3.	Safety rules when working in dentistry. Personal protective equipment at a dental appointment. Radiology. Rules for working with dental equipment. First aid to victims in case of violation of safety regulations. An occupational injury. The sequence of actions in case of an occupational injury. Anti-aids first aid kit.	2
4.	Equipment. Procedures and standards for equipping premises. Dental offices of all profiles. Dental installations, types of tips, burs. Maintenance of the equipment. Ergonomics of working on dental installations in 4 hands.	2
5.	Dental instruments: basic set. Tools for therapeutic dentistry. Tools for restoration. The structure of the tools, their purpose, and the rules of use. Tools for therapeutic dentistry. The structure of the tools, their purpose, and the rules of use. Burs.	2
6.	Periodontal instruments. Instruments for surgical dentistry. The structure of the tools, their purpose, and the rules of use. Tools for orthopedic dentistry. The structure of the tools, their purpose, and the rules of use.	2
7.	Disinfection and sterilization in dentistry. Types of disinfection.	2
8.	Sterilization. Classification of tools depending on the type of processing.	2
9.	Types of waste.	2
	In total:	18

2. Educational materials and workbooks on all subjects of the discipline "Introduction to the specialty".

3. Glossary and other educational materials.

Learning toolkits for self- studies in the RUDN LMS TUIS!

8. ASSESSMENT MATERIALS AND A POINT-RATING SYSTEM FOR ASSESSING THE LEVEL OF COMPETENCE FORMATION IN THE DISCIPLINE "INTRODUCTION TO THE SPECIALTY"

Evaluation materials and a point-rating system for assessing the level of competence formation (part of competencies) based on the results of mastering the discipline "Introduction to the specialty" are presented in the application to this Work Program of the discipline.

DEVELOPERS:

Main lecturer of the Department
of Propaedeutics of Dental Diseases,
Candidate of Medical Sciences

Gurieva Z.A.

Position, grade

Signature

Name

HEAD OF THE DEPARTMENT:

Head of the Department of
Propaedeutics of Dental Diseases,
Doctor of Medical Sciences.,
Professor

Razumova S.N.

Position, grade

Signature

Name

HEAD OF THE HIGHER EDUCATION PROGRAM:

Deputy Director of the Medical
Institute, Professor

Razumova S.N.

Position, grade

Signature

Name