INTRODUCTION TO THE
CLINIC 2016-2017

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1. Descriptive data

<table>
<thead>
<tr>
<th>NAME OF THE SUBJECT: INTRODUCTION TO THE CLINIC</th>
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<tbody>
<tr>
<td>CODE: 9999001110</td>
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<tr>
<td>Licensure: UNIVERSITY GRADE IN DENTISTRY</td>
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<tr>
<td>Lecture year: FIRST YEAR</td>
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<tr>
<td>Number of ECTS Credits: 6</td>
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<tr>
<td>Number of classroom hours: 72 hours</td>
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<tr>
<td>Regulatory prerequisites: No prerequisites</td>
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<td>Recommended prerequisites: Any</td>
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<tr>
<td>Faculty name: MARGARITA VILLOTA DE JORGE</td>
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<tr>
<td>Schedule for tutorial classes: Monday &amp; Tuesday 8:30-14:30</td>
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2. Contextualization of content and subject skills.

Students will be trained on issues related to: dental nomenclature and terminology, the most common diseases in oral cavity, rehabilitation treatment, instrumental and basic concepts of dental equipment, risk prevention and hygiene systems disinfection and sterilization, and ergonomic basics.

3. Specific skills.

CE1- Knowing the essentials of the dental profession, including ethical principles and legal responsibilities

CE3- able to identify the concerns and expectations of the patient and communicate effectively and clearly, both orally and in writing with patients, families, the media and other professionals

CE7- Promote autonomous learning of new knowledge and techniques as well as the motivation for quality

CE8- share information with other health professionals and teamwork
CE13- understand and appreciate science essentials for the biomaterials dental practice and prompt handling of possible allergies to them

CE17-understand and appreciate the basic principles of ergonomics and safety at work (including cross-infection control, radiation protection, and occupational and biological diseases)

4. General skills.

CB1 That the students have demonstrated knowledge and understanding in a field of study that part of the basis of general secondary education, and is typically at a level which, although it is supported by advanced textbooks, includes some aspects involving knowledge of the forefront of their field of study

CB2- That students can apply their knowledge to their work or vocation in a professional manner and have competences typically demonstrated through devising and sustaining arguments and solving problems within their field of study.

CB4- That students can communicate information, ideas, problems and solutions to both specialist and non-specialist audiences.

CB5- That students have developed those skills needed to undertake further studies with a high degree of autonomy.

CT1 Independent learning process that allows a person to be the author of their own development, by selecting the paths, strategies, tools and time to consider more effective to learn and put into practice independently what has been learned. The
autonomous student ultimately select the best strategies to achieve your learning goals

CT2- Self-confidence, ability to assess our results, performance and capabilities with the inner conviction that we can do things and challenges us

CT5- ability to apply knowledge to practice, ability to use the knowledge gained in academia in situations as close as possible to reality the profession for which are being formed, for example by relating theoretical foundations with your application real problems of everyday life, addressing problems and situations close to professional activity or resolve issues and / or problems

Communication CT6- oral / written communication, communication is the process by which we transmit and receive data, ideas, opinions and attitudes to achieve understanding and action, with oral which is performed by words and gestures and written by writing and / or graphics support

CT8- Information management, ability to search, select, analyze and integrate information from different sources

CT15- Responsibility, compliance with the commitment that reaches the person himself and others when performing a task and try to achieve a set of objectives contextualized in the process of learning capacity in all subjects to recognize and accept the consequences a fact made freely

5. Contents.

1. Introduction to the subject.

eleven. General rules of operation.

1.2. Clinical dental terminology and general concepts
1.3. Basic dental nomenclature
1.4. Basic rules of communication in dentistry

2. General introduction to dental caries
   twenty-one. Pathogenesis
   2.2. Prevention, diagnosis

3. General introduction to periodontal disease
   3.1. Pathogenesis
   3.2. Prevention, diagnosis

4. Introduction to the main dental rehabilitation procedures
   4.1. Concept and definitions of conservative treatments
   4.2. Concept and definition of dental treatments replacement

5. Basic clinical Instrumental
   5.1. Types of dental instruments
   5.2. Exploration dental instruments
   5.3. Tools for dental filling
   5.4. Endodontic instruments
   5.5. Surgical instruments
   5.6. Instruments periodontics
   5.7. Tools for dental impression ..
   5.8. rotary instruments
6. Clinical Equipments

6.1. The dental chair

6.2. Units carrying instruments ilfe

(Linked to energy Instruments)

6.3. Classifications and types

6.4. Other clinical equipment of interest

7. Concept dental laboratory

7.1. Classification and types

7.2. Workstation dental laboratory

7.3. basic instruments

7.4. basic equipment

8. Introduction to the risks and prevention in dental work I

8.1. Physical hazards in the dental clinic

8.2. chemical hazards in the dental clinic

8.3. biological hazards in the dental clinic

8.4 Psychological risks in the dental clinic

8.5 Protective barriers

9. Chain of Hygiene - disinfection and sterilization of instruments in the dental clinic

9.1. Hygiene chain - disinfection of equipment and furniture in the dental clinic
10. Introduction to the risks and prevention in dental work II

10.1. Physical hazards in dental laboratory

10.2. Chemical hazards in the dental laboratory

10.3. Biological hazards in the dental laboratory

10.4 Protective barriers

11. Treatment of waste originated in dental work

11.1 Treatment of clinical waste

11.2. Laboratory Waste

12. Introduction to Ergonomics in dentistry

12.1. Concept and definitions

12.2. Historical evolution

12.3. Ergonomics dentistry

13. Introduction to working postures in dentistry

13.1. Dentist standing posture. Advantages and disadvantages

13.2. Advantages Dentist sitting posture and disadvantages

13.3 postures patients

13.3. Ergonomic work posture (BHOP) Professional - patient

13.4. Workspaces in the dental clinic

13.5 Major positions approach to the patient

14. Introduction to planning and standardization of dental procedures
14.1. Characteristics to be gathering procedures in dentistry

14.2. direct procedures

14.3. indirect clinical and laboratory procedures

15. Teamwork in the dental clinic I
15.1. Oral health team
15.2. Functions of the dentist, assistant, hygienist, dental technicians

16. Teamwork in the dental clinic II
16.1. Working with four hands
16.2. Working six hands

Practice 1: The simulation lab
Practice 2: identification terminology Games
Practice 3: Identification of images for diagnosis
Practice 4: Identifying problem cases / Clinical
Practice 5. Positions and postures of approach to patients at 12 hours
Practice 6. Posiciones and positions of approach to the patient at 9 am
Practice 7. Clothing and drawing on a sheet of preclinical training, a number of templates for layouts and psychomotor training
Practice 8. Teamwork four six hands to transfer instruments, equipment and supplies
Practice 9: development of a simulated rotary instrument
Practice 10. Tracing mazes I. psychomotor training positions and postures, indirect vision and simulated using rotary instruments
Practice 11. Tracing mazes II. psychomotor training positions and postures, indirect vision and simulated using rotary instruments
Practice 12. Tracing mazes III. psychomotor training positions and postures, indirect vision and simulated using rotary instruments

6. Training activities.
   - Lectures
   - Practical exercises
   - Laboratory practices

7. TEACHING TOOLS.
   Master class
   Simulation Environments
   Cooperative learning
   Autonomous Learning

   Assessment Procedures
   - To measure the performance and the performance of students various methods that will be used they include:
     - Testing knowledge - 35%
     - Lab - 40%
     - Practical exercises - 25%

EVALUATION RULES
In order to assess the knowledge acquired by students and achieve competence in the area of introduction to clinical various methods were employed including:

- Evaluation of knowledge (35%)

- Assessment of the development and results of various activities (Active methodologies (25%))

- Assessment of practical laboratory exercises (40%)

1.- Assessment of knowledge (35% of score)
topics of the theoretical program will be evaluated

2.- Assessment development and results of various activities (active methods) (25%)

In the theoretical program are various training activities. These activities take place in the classroom

students the handout will be provided through the Virtual Campus and consistent application exercises will be held in:

- Exercises application of theoretical content, completion of schemes, identifying images
- Collaborative teamwork exercises
- Exercises flipped classroom

participation of students and the delivery will be assessed

documentation within the prescribed period, the rating of the

activities will be (25%).
3.- Assessment of practical laboratory exercises (40%)

The practical program is consistent with the program theoretical, laboratory practices (40%) will be evaluated daily

- The overall grade for the course is the sum of the scores on knowledge tests, laboratory and practical exercises

The minimum score is required to average:
- Testing test only average equal to or greater than 5 out of 10 ratings.

- Assessment of practical exercises, only average equal to or greater than 5 out of 10 ratings.

- Evaluation of laboratory practice, only the average equal or higher ratings to 5 out of 10

The minimum score is required to average:

- Testing test only average equal to or greater than 5 out of 10 ratings.

- Assessment of practical exercises, only average equal to or greater than 5 out of 10 ratings.

- Evaluation of laboratory practice, only average grades

or above 5 out of 10

The overall grade for the course is the sum of the ratings obtained in the evaluated

If the student does not achieve an overall score of 5 points, will be able to retake both test evaluations and the assessment of practical exercises and labs will only be stored for the extraordinary call equal to or greater than 5 points scores.

SPECIAL ANNOUNCEMENT:

The student will report to resit the tests / exercises / practices not overcome with greater than or equal to 5 points during the course grade. The assessment of training activities an application exercise will take

Only averaged exceeding the minimum mark required in each section qualifications and to pass the course is necessary to reach an overall rating of 5 points.
9. Materials and other considerations

MATERIAL’S LIST

This whole list should be mandatory from the start of the course to attend practical laboratory simulators college

Stationery

- Graph paper DIN A4 3 units
- Cardboard of colors DIN A $ 5 Units
- Scissors
- Transparent Rule 15 - 20 cm
- Glue stick
- Universal glue tube
- Compass and mustache (singles)
- Fine-tipped markers colors (red, blue and green)

Pharmacy

- 25 g of raw cotton

dental deposit

- 2 clinical mirrors flat number 5
- 2 handles for dental mirrors, heavy and stainless steel
• 1 standard dental clamp contranagulada
• 1 probe clinical examination (curve and contranagulada)
• 1 booklet of fine red articulating paper
• 1 booklet articulating paper thin blue
• typodont superior and inferior Typodont

(Adult, replaceable teeth) support units simulation of EMU
(Kavo and Frasaco possible marks or any other suitable name)

10. Teaching script.

Include all of the goals that the student must achieve throughout the teaching period. Specify the tasks out of the classroom.