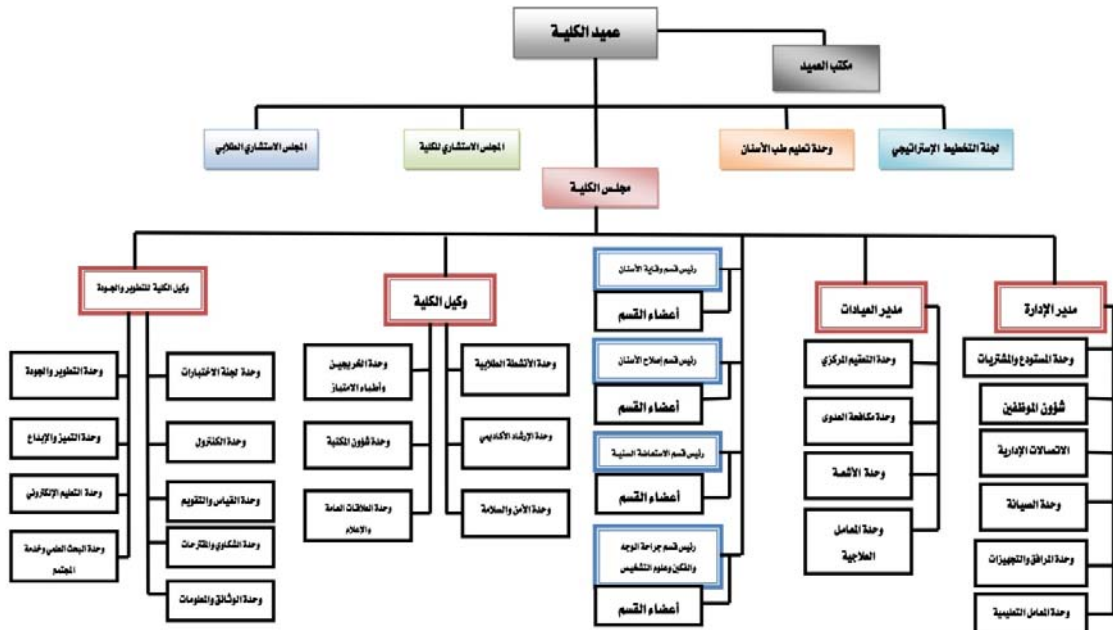


T3. Program Specification

1. Institution : Najran University	Date: 20 /8/1439 = 6/5/2018
2. College/Department: College of Dentistry	
3. Dean/ Department Head: DR. SAEED AL SAREII	
<p>4. Insert program and college administrative flowchart :</p> <div style="text-align: center;"> <p>الهيكل التنظيمي لكلية طب الأسنان</p>  </div>	

5. List all branches offering this program

Najran University , Main campus , Collage of Dentistry Boys section .

A. Program Identification and General Information

1. Program title and code: Bachelor of Dental Surgery (B.D.S)
2. Total credit hours needed for completion of the program: 172
3. Award granted on completion of the program: Bachelor of Dental Surgery (B.D.S)
4. Major tracks/pathways or specializations within the program (eg. transportation or structural engineering within a civil engineering program or counselling or school psychology within a psychology program): - NA
5. Intermediate Exit Points and Awards (if any) (eg. associate degree within a bachelor degree program): - NA
6. Professional occupations (licensed occupations, if any) for which graduates are prepared. (If there is an early exit point from the program (eg. diploma or associate degree) include professions or occupations at each exit point): - Professional licensed occupation : General Practitioner for oral and dental surgery in: o Ministry of health : Hospitals in Government or Private sectors. Primary health care centers and specialized dental centers. o Education : Universities and Colleges. o Armed Forces, National Guard and Security Forces. o Self-Employment Programs in government sectors. o Self –Employment - No early exit point from the program.

7. (a) New Program : None Planned starting date : None

(b) Continuing Program

☒

Year of most recent major program review : None

Organization involved in recent major review (eg. internal within the institution)

Accreditation review by : None

Other : _____

8. Name of program chair or coordinator. If a program chair or coordinator has been appointed for the female section as well as the male section, include names of both.

DR. Saeed Al Sareii

9. Date of approval by the authorized body (MOE)

Campus Location	Approval By	Date
Main Campus:	Council of Higher Education for public institutions	10.10.1427

B. Program Context

1. Explain why the program was established:

a. Summarize economic reasons, social or cultural reasons, technological developments, national policy developments or other reasons.

- **To graduate dentists of distinct scientific and qualified practical skills to assume responsibility and collective action armed with moral and religious ideals and able to take the fields of employment and community service constantly and pursue scientific and technical progress in the Saudi society.**
- **To fulfil the governmental needs in improving the level of oral & dental health care services & to increase community oral & dental health awareness to cope with the developed countries.**
- **To support the supply of highly trained and qualified dentists in Najran area and its territories.**

b. Explain the relevance of the program to the mission and goals of the institution.

The mission of the College of Dentistry through preparing and qualifying highly-efficient and competitive graduates in dentistry, coincides with the University's mission with respect to meeting the needs of the society and the labor market, providing sustainable development through conducting applied researches and activating of the partnership at the local, regional and global level.

2. Relationship (if any) to other programs offered by the institution/college/department.

a. Does this program offer courses that students in other programs are required to take?

Yes

☐

No

☒

If yes, what has been done to make sure those courses meet the needs of students in the other programs?

b. Does the program require students to take courses taught by other departments?

Yes

☒

No

☐

If yes, what has been done to make sure those courses in other departments meet the needs of students in this program?

- **The preparatory year includes English language courses to improve students English language ability and the program is accepting only a certain level of English language course result.**
- **Some medical & pharmaceutical courses are taken at medical college and college of applied science to provide general & medical background to help the dental students understand the main concepts in human body with the special concentration to the relevant subjects related to the head and neck and oral cavity and this is ensured by the evaluation of the courses specifications by the members of the dental college and its scientific committee.**
- **Full coordination with the staff from other colleges how are teaching special subjects is done to insure that the topics are matching with this program needs and follow the mirror in the teaching plan of this program.**
- **Surveys to staff and students about the suitability of courses content.**

<p>3. Do students who are likely to be enrolled in the program have any special needs or characteristics? (Eg. Part time evening students, physical and academic disabilities, limited IT or language skills).</p> <p>Yes <input checked="" type="checkbox"/></p> <p>No <input type="checkbox"/></p> <ul style="list-style-type: none"> • All courses of the preparatory year should be passed by the Students through examination. • Students must be physically & medically fit. • Student's must have acceptable English language ability. • Students should have basic knowledge about information technology. • Problem solving /critical analysis skills are an advantage. 	
<p>4. What modifications or services are you providing for special needs applicants?</p> <ul style="list-style-type: none"> • Review and coordination with the English department to make the required courses effective for the fulfilment of the objectives of the program. • Review and coordination with the Computer department and the college of medicine to make the required courses effective with the objectives of the program. • Health check-up before program entrance. • Personal interview. 	

C. Mission, Goals and Objectives :

<p>Program Mission Statement (insert):</p> <p>Preparing and qualifying highly-efficient and competitive graduates in dentistry, to be able to provide excellent dental services and prophylaxis</p>
<p>List program goals (e.g. long term, broad based initiatives for the program, if any)</p> <ol style="list-style-type: none"> 1- To equip students with the knowledge, skills, and attitudes needed to begin the practice of dentistry and to graduate dentists competent in providing high quality, holistic, patient-centered care. 2- Graduating dentists capable of solving health problems and treatment of patients. 3- Graduating dentists capable of taking responsibility , teamwork and self-learning 4- To equip students with high level of clinical skills in Dentistry fields.

3. List major objectives of the program within to help achieve the mission. For each measurable objective describe the measurable performance indicators to be followed and list the major strategies taken to achieve the objectives.

Measurable objectives	Measurable performance indicators	Major strategies
To equip students with the knowledge and concepts of dentistry, via advancement of the educational process.	<ol style="list-style-type: none"> 1. Ratio of students to faculty members 2. Percentage of faculty members with a PhD. degree. 3. Percentage of faculty members who are involved in professional development activities 	<ol style="list-style-type: none"> 1. Recruiting a highly qualified teaching staff, technicians and Employees 2. Executive plan for professional development of staff members 3. Updating course contents and teaching strategies.
To Provide students with high skills, and attitudes needed to practice of dentistry .	<ol style="list-style-type: none"> 1- 50 % of the students and intern participated in community dental health education and dental training programs. 2- Percentage of faculty members and full-time co-workers involved in community service activities 	<ol style="list-style-type: none"> 1- Accommodate recent advances in dental education through ongoing curricular reviews. 2- Arrange dental education program for schools 3- Apply a community education program about dental disease prevention and care 4- Introduce the mobile dental unit to serve the community. 5- Provide educational experiences for students using a comprehensive patient care model.
To graduate dentists competent in providing high quality, holistic, patient-centered care.	The ratio of competency-based training is more Than 50%	<ol style="list-style-type: none"> 1- Develop competency-based training & assessment methods for dental students

To provide high level of clinical training to students in different dental specialties	<ol style="list-style-type: none"> 1. The ratio of Satisfaction of recruiters for professional and personal skills of the graduates of the dental program (average) more than 70% 2. At least 10% increase in patient number per year. 	<ol style="list-style-type: none"> 1. Ensuring a high quality clinical training 2. Increase number of dental unites in the clinic. With recent equipment's 3. Coordinate whit MOH hospitals to train students. 4. Summer training. 5. Use mobile dental clinics to serve remote areas
To prepare graduate to pass the professional licensing examinations and to be accepted in advanced training programs nationally and internationally.	Percentage of graduates who - within 6 months - of graduation: A) were recruited B) enrolled in subsequent studies	<ol style="list-style-type: none"> 1. Evaluate the dental curriculum to assure compliance with national and international accreditation standards and encourage responsiveness to evidenced-based advances in dental education.
To produce competitive graduates, through establishing a quality system for ensuring the excellent program outcomes.	<ol style="list-style-type: none"> 1. Develop a plan to measure and implement the learning outcomes of program 2. Key Performance indicators of our program will be compared with Key Performance indicators of similar program in other universities 3. Approval for national academic accreditation for the program 	<ol style="list-style-type: none"> 1. Establish a definite plan for Direct and indirect assessment and evaluation of learning outcomes and report it yearly. 2. External benchmarking of learning outcomes with similar colleges in other universities 3. A full revision of program specification in correlation with learning outcome and bench marks of the NCAAA

To encourage students to take responsibility, teamwork and self-learning	1- Ratio of student should participate in at least one research group seminar	1- Group research and seminar 2- Clinical Case reports by groups.
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D. Program Structure and Organization

1. Program Description:

List the core and elective program courses offered each semester from Prep Year to graduation using the below Curriculum Study Plan Table (A separate table is required for each branch IF a given branch/location offers a different study plan).

A program or department manual should be available for students or other stakeholders and a copy of the information relating to this program should be attached to the program specification. This information should include required and elective courses, credit hour requirements and department/college and institution requirements, and details of courses to be taken in each year or semester.

Curriculum Study Plan Table

* Prerequisite – list course code numbers that are required prior to taking this course.

Level	Course Code	Course Title	Required or Elective	*Prerequisite courses	Credit Hours	University College or Department
Level 3	111 VDS	Behavioural science & medical ethics	Required	Non	2 (2+0)	College of Dentistry
	121RDS	Dental biomaterials I	Required	Non	1(1+0)	College of Dentistry
	123 RDS	Dental anatomy I	Required	Non	2(1+1)	College of Dentistry
	161 SDS	General anatomy & embryology	Required	Non	3(2+1)	College of Medicine
	163 SDS	Basic histology	Required	Non	2(1+1)	College of Medicine
	164 SDS	General physiology I	Required	Non	3(2+1)	College of Medicine
	166 SDS	General and Organic chemistry	Required	Non	2(2+0)	College of Medicine
	111 ISLM	Islamic culture	Required	Non	2(2+0)	Sharia College

Level 4	122 RDS	Dental biomaterials II	Required	Non	3(2+1)	College of Dentistry
	124 RDS	Dental anatomy II	Required	Non	2(1+1)	College of Dentistry
	162 SDS	Head and neck anatomy	Required	Non	3(2+1)	College of Medicine
	165 SDS	General physiology II	Required	Non	3(2+1)	College of Medicine
	167 SDS	Biochemistry	Required	Non	3(2+1)	College of Medicine
	112 ISLM	Islamic culture	Required	Non	2(2+0)	Sharia College
	168 SDS	Medical physics	Required	Non	2(1+1)	College of Dentistry
Level 5	221 RDS	Operative dentistry (preclinical I)	Required	Non	3(1+2)	College of Dentistry
	231 PDS	Removable prosthodontics (preclinical I)	Required	Non	4(2+2)	College of Dentistry
	251 MDS	Oral biology I	Required	Non	3(2+1)	College of Dentistry
	261 SDS	Microbiology & immunology	Required	Non	2(1+1)	College of Medicine
	263 SDS	General pathology	Required	Non	3(2+1)	College of Medicine
	264 SDS	Pharmacology	Required	Non	3(2+1)	College of Pharmacy
Level 6	211 VDS	Preventive dentistry	Required	Non	1(1+0)	College of Dentistry
	222 RDS	Operative dentistry (preclinical II)	Required	Non	3(1+2)	College of Dentistry
	232 PDS	Removable prosthodontics (preclinical II)	Required	Non	2(1+1)	College of Dentistry
	252 MDS	Oral biology II	Required	Non	3(2+1)	College of Dentistry
	241 OMS	Local anaesthesia n dentistry	Required	Non	2(2+0)	College of Dentistry
	253 MDS	Oral radiology (preclinical)	Required	Non	2(1+1)	College of Dentistry
	262 SDS	Oral microbiology	Required	Non	2(2+0)	College of Dentistry
Level 7	321 RDS	Operative dentistry (clinical I)	Required		3(2+1)	College of Dentistry
	331 PDS	Fixed prosthodontics (preclinical I)	Required		2(1+1)	College of Dentistry
	332 PDS	Removable prosthodontics (clinical I)	Required		3(2+1)	College of Dentistry
	341 OMS	Oral & maxillofacial surgery I	Required		2(1+1)	College of Dentistry
	342 OMS	Oral pathology I	Required		3(2+1)	College of Dentistry
	353 MDS	Oral radiology (clinical)	Required		2(1+1)	College of Dentistry

	361 SDS	General surgery ,Ophth , ENT ,GA	Required	Level 3 ,4 ,5, and 6	3(3+0)	College of Medicine
Level 8	311 VDS	Periodontal prophylaxis	Required		2(1+1)	College of Dentistry
	322 RDS	Endodontics (preclinical)	Required		2(1+1)	College of Dentistry
	333 PDS	Removable prosthodontics (clinical II)	Required		3(2+1)	College of Dentistry
	334 PDS	Fixed prosthodontics (preclinical II)	Required		2(1+1)	College of Dentistry
	352 MDS	Oral diagnosis I	Required		2(1+1)	College of Dentistry
	345 OMS	Oral & maxillofacial surgery II	Required		2(1+1)	College of Dentistry
	343 OMS	Oral pathology II	Required		3(2+1)	College of Dentistry
	362 SDS	General medicine & skin diseases	Required		2(2+0)	College of Medicine
Level 9	411 VDS	Paediatric dentistry (preclinical)	Required		2(1+1)	College of Dentistry
	412 VDS	Periodontology I	Required		2(1+1)	College of Dentistry
	421 RDS	Operative dentistry (clinical II)	Required		2(1+1)	College of Dentistry
	431 PDS	Removable prosthodontics (clinical III)	Required		3(2+1)	College of Dentistry
	432 PDS	Fixed prosthodontics (clinical I)	Required		3(2+1)	College of Dentistry
	453 MDS	Oral diagnosis II	Required		2(1+1)	College of Dentistry
	422 OMS	Oral & maxillofacial surgery III	Required		3(2+1)	College of Dentistry
Level 10	413 VDS	Periodontology II	Required		2(1+1)	College of Dentistry
	414 VDS	Paediatric dentistry (clinical)	Required		3(2+1)	College of Dentistry
	415 VDS	Orthodontics I	Required		3(2+1)	College of Dentistry
	422 RDS	Endodontics (clinical)	Required		3(2+1)	College of Dentistry
	433 PDS	Fixed prosthodontics (clinical II)	Required		3(2+1)	College of Dentistry
	443 OMS	Oral & maxillofacial surgery IV	Required		3(2+1)	College of Dentistry
	454 MDS	Oral medicine	Required		2(1+1)	College of Dentistry
Level 11	511 VDS	Dental public health & community dentistry I	Required		2(1+1)	College of Dentistry
	513 VDS	Orthodontics II	Required		3(2+1)	College of Dentistry
	521 RDS	Comprehensive care clinic I	Required		5(1+4)	College of Dentistry

Education Evaluation Commission						
	532 PDS	Maxillofacial prosthodontics	Required	Level 7, 8, 9 and 10	2(1+1)	College of Dentistry
	113 ISLM	Islamic culture	Required		2(2+0)	Sharia College
	201 ARB	Arabic Language	Required		2(2+0)	Faculty of Arts
Level 12	512 VDS	Dental public health & community dentistry II	Required		2(1+1)	College of Dentistry
	514 VDS	Comprehensive paediatric dentistry clinic	Required		3(1+2)	College of Dentistry
	533 PDS	Comprehensive care clinic II	Required		5(1+4)	College of Dentistry
	541 OMS	Principles of care of complicated oral surgical cases	Required		2(1+1)	College of Dentistry
	114 ISLM	Islamic culture	Required		2(2+0)	Sharia College
	202 ARB	Arabic Language	Required		2(2+0)	Faculty of Arts
Total Credit hours: 1- Bachelor of Dental Surgery (B.D.S) program 2- internship year for 12 months. 52 weeks					172 Hs Credit hours. 2080 hs. Field Experience	

2. Required Field Experience Component (if any, e.g. internship, cooperative program, work experience).

Summary of practical, clinical or internship component required in the program. Note: see Field Experience Specification.
a. Brief description of field experience activity : <ul style="list-style-type: none"> The Comprehensive clinical courses in the college dental clinics at the last two semester under college staff supervision Internship year is clinical application dealing directly with patient treatment & care in dental centers under consultants and staff supervision.
b. At what stage or stages in the program does the field experience occur? (eg. year, semester) <ul style="list-style-type: none"> At the internship year after the level 12 (graduation)
c. Time allocation and scheduling arrangement. (eg. 3 days per week for 4 weeks, full time for one semester) <ul style="list-style-type: none"> Full time in the internship year for 12 months. 52 weeks X 5 days X 8 hours= 2080 hours
d. Number of credit hours (if any) : <ul style="list-style-type: none"> No credit hours

3. Project or Research Requirements (if any)

Summary of any project or thesis requirements in the program. (Other than projects or assignments within individual courses) (A copy of the requirements for the project should be attached.)
a. Brief description: None

b. List the major intended learning outcomes of the project or research task.	:
None	
c. At what stage or stages in the program is the project or research undertaken? (e.g. level)	
None	
d. Number of credit hours (if any):	None
e. Description of academic advising and support mechanisms provided for students to complete the project.	:
None	
f. Description of assessment procedures. (including mechanism for verification of standards)	
None	

4. Learning Outcomes in Domains of Learning, Assessment Methods and Teaching Strategy

Program Learning Outcomes, Assessment Methods, and Teaching Strategy work together and are aligned. They are joined together as one, coherent, unity that collectively articulate a consistent agreement between student learning and teaching.

The *National Qualification Framework* provides five learning domains. Learning outcomes are required in the first four domains and sometimes are also required in the Psychomotor Domain.

On the table below are the five NQF Learning Domains, numbered in the left column.

First, insert the suitable and measurable learning outcomes required in each of the learning domains. **Second**, insert supporting teaching strategies that fit and align with the assessment methods and intended learning outcomes. **Third**, insert appropriate assessment methods that accurately measure and evaluate the learning outcome. Each program learning outcomes, assessment method, and teaching strategy ought to reasonably fit and flow together as an integrated learning and teaching process.

NQF Learning Domains and Learning Outcomes		Teaching Strategies	Assessment Methods
1.0	Knowledge		

1.1	Recall the procedures necessary to provide with a biocompatible, occlusally functional and aesthetic dental prostheses (fixed and removable) and its design, laboratory procedure by identifying the principles of occlusion	<ul style="list-style-type: none"> • Lectures using power point. • Audio-visual learning utilizing Microsoft power 	<ul style="list-style-type: none"> • Assignments. • Final term exam. (MCQs essay) • Quizzes. • Oral exam. • .Midterm exam. (MCQs + short
1.2	Memorize the medico-legal and ethical considerations affecting the roles of dental and related health care personnel and their responsibilities with respect to health and safety of patients and community by the application of a strict infection control policies.	<ul style="list-style-type: none"> • point including pictures. • Lectures • group discussions 	<ul style="list-style-type: none"> • Short essay questions • Midterm exam. (MCQs + short • Final term exam. (MCQs essay)
1.3	Recall the essentials of the head and neck anatomy, general physiology, general histology, biochemistry, microbiology, pathology, and pharmacology that may be related in the dental field.	<ul style="list-style-type: none"> • Seminars and tutorials. • Lectures using power point. 	<ul style="list-style-type: none"> • Quizzes. • Oral exam. • .Midterm exam. (MCQs + short • Final term exam. (MCQs essay)
1.4	Define the fundamental of cavity preparation, aesthetic dental procedures, tooth morphology and pulp therapy in all teeth using different biomaterials and different dental instruments.	<ul style="list-style-type: none"> • group discussions • Case presentation . • Seminars and tutorials. 	<ul style="list-style-type: none"> • Quizzes. • Final term exam. (MCQs essay) • Oral exam. • .Midterm exam. (MCQs + short
2.0	Cognitive Skills		
2.1	Summarize the findings from the patient's history, clinical and radiographic examination to identify and formulate an appropriate treatment plan and prescribe appropriate and relevant drug therapy in the management of dental diseases.	<ul style="list-style-type: none"> • Discussion at the beginning of each lecture to correlate the clinical and laboratory steps. • Case study. • Lectures • Seminars & research 	<ul style="list-style-type: none"> • Oral exam. • Quizzes. • Midterm exam-Theory- • Final term exam. (MCQs) • Clinical examination.
2.2	Differentiate the principles of common oral and maxillofacial surgery with different local anesthesia techniques and appropriate infection control policy	<ul style="list-style-type: none"> • Group Discussion • Tutorials & research • Lectures 	<ul style="list-style-type: none"> • Oral exam. • Quizzes. • Midterm exam-

		<ul style="list-style-type: none"> • Case study. 	Theory- <ul style="list-style-type: none"> • Final term exam. (MCQs) • Clinical examination.
2.3	Design and apply procedures used in the production of all types of restorations , crowns, bridges, partial and complete dentures and make appropriate chair side adjustment to these restorations.	<ul style="list-style-type: none"> • Discussion with the students about problem solving • Case study. • Lectures • Tutorials & research 	<ul style="list-style-type: none"> • Continues discussion and Tutorials. • Clinical examination. • Oral exam. • Quizzes. • Midterm exam-Theory- • Final term exam. (MCQs)
2.4	Describe the examination and diagnosis of different periodontal diseases, orofacial lesions, abnormalities and its management including minor surgical interference.	<ul style="list-style-type: none"> • Seminars & research • Power point Lectures. • Case study. • Lectures • Tutorials & research 	<ul style="list-style-type: none"> • Marking sheets and checklists of tasks resulting from assignments. • Clinical examination. • Oral exam. • Quizzes. • Midterm exam-Theory- • Final term exam. (MCQs) •
3.0	Interpersonal Skills & Responsibility		

3.1	Show effective communication with the team and patients with ethical and moral principles in the scientific and professional contexts using verbal, IT and written means.	<ul style="list-style-type: none"> • Seminars. • Group assignments • Group Discussion 	<ul style="list-style-type: none"> • Assessment of individual activities: presentations, reports clinical cases, Observation card.
3.2	Evaluate the evidence published in refereed scientific journals and other publications for sound experimental design, statistical analysis, and professional development.	<ul style="list-style-type: none"> • Students will be guided and supervised by staff member in practical and clinical sessions. • Lectures 	<ul style="list-style-type: none"> • Evaluation of the different student group work. • Evaluation of the clinical cases, differential diagnosis, patients satisfaction by the staff members to estimate
4.0	Communication, Information Technology, Numerical		
4.1	Illustrate information clearly in written, electronic and/or oral forms. and applying appropriate communication skill to interact with patients and their families and supporting staff	<ul style="list-style-type: none"> • Practical classes under staff supervision. • Individual activities to manipulate selected subjects electronically. 	<ul style="list-style-type: none"> • Assessment of student ability to present selected subjects by oral presentation.
4.2	Demonstrate the responsibility and the ability to share and exchange information, professional opinions and research ideas with professional colleagues	<ul style="list-style-type: none"> • Language and computer skills courses during the preparatory phase • Community & Biostatistics course to develop statistical analysis & methods used in medicine & 	<ul style="list-style-type: none"> • Student Seminars. • Assessment of numerical analysis of medical data and reports

		medical researches.	
5.0	Psychomotor		
5.1	Perform fabrication of orthodontic and prosthetic appliances , as well as restorative and endodontic treatment of teeth	<ul style="list-style-type: none"> • Practical and clinical session . Case report for complicated case under stuff supervision • Demonstrate and hand training on simulator in lab. 	<ul style="list-style-type: none"> • Case presentation • Clinical examination. • Log book • Observation card
5.2	Perform preventive care, periodontal, gingival and orosurgical treatments under local anaesthesia.	<ul style="list-style-type: none"> • Clinical examination diagnosis and treatment planning of patients under supervision. • Hand training for the clinical procedures and techniques used for complicated cases. • Group Discussions of case studies in clinic or in class • Practical and clinical session 	<ul style="list-style-type: none"> • Clinical examination. • Log book • Case presentation • Observation card

Program Learning Outcome Mapping Matrix

Identify on the table below the courses that are required to achieve the program learning outcomes. . Insert the program learning outcomes, according to the level of instruction, from the above table below and indicate the courses and levels that are required to teach each one; use your program's course numbers across the top and the following level scale.

Levels:

I = Introduction
P = Proficient
A= Advanced
(see help icon)

Course Offerings NQF Learning Domains and Learning Outcomes		111 VDS	211 VDS	311 VDS	411 VDS	415 VDS	414 VDS	412 VDS	413 VDS	511 VDS	512 VDS	513 VDS	514 VDS	231 PDS
1.0	Knowledge													
1.1	Recall the procedures necessary to provide with a biocompatible, occlusally functional and aesthetic dental prostheses (fixed and removable) and its design, laboratory procedure by identifying the principles of occlusion				I	I		I	I			P	P	I
1.2	Recognize the medico-legal and ethical considerations affecting the roles of dental and related health care personnel and their responsibilities with respect to health and safety of patients and community by the application of a strict infection control policies.	I		I	I		I	I	I			I	A	I
1.3	Memorize the essentials of the head and neck anatomy, general physiology, general histology, biochemistry, microbiology, pathology, and pharmacology that may be related in the dental field.			I	I		I	I	I				P	I
1.4	Define the fundamental of cavity preparation, aesthetic dental procedures, tooth morphology and pulp therapy in all teeth using different biomaterials and different dental instruments.				I	I		I				I	P	
2.0	Cognitive Skills													
2.1	Summarize the findings from the patient's history, clinical			I	I	I	P	P	P			P	P	

	and radiographic examination to identify and formulate an appropriate treatment plan and prescribe appropriate and relevant drug therapy in the management of dental diseases.													
2.2	Differentiate the principles of common oral and maxillofacial surgery with different local anesthesia techniques and appropriate infection control policy			I			P	I	P			I	P	
2.3	Design and apply procedures used in the production of all types of restorations , crowns, bridges, partial and complete dentures and make appropriate chair side adjustment to these restorations.						I						P	I
2.4	Recognize the examination and diagnosis of different periodontal diseases, orofacial lesions, abnormalities and its management including minor surgical interference.			I			I	P	P			I	P	
3.0	Interpersonal Skills & Responsibility													
3.1	Show effective communication with the team and patients with ethical and moral principles in the scientific and professional contexts using verbal, IT and written means.	I		I	I	I	P	P	P	P	A	P	A	I
3.2	Evaluate the evidence published in refereed scientific			I				I	I	I	P	I		I

	journals and other publications for sound experimental design, statistical analysis, and professional development.													
4.0	Communication, Information Technology, Numerical													
4.1	Illustrate information clearly in written, electronic and/or oral forms. and applying appropriate communication skill to interact with patients and their families and supporting staff			I	I		P	I	I	I	P	I	P	I
4.2	Demonstrate the responsibility and the ability to share and exchange information, professional opinions and research ideas with professional colleagues	I	I		I					P	A	I	P	
5.0	Psychomotor													
5.1	Perform fabrication of orthodontic and prosthetic appliances , as well as restorative and endodontic treatment of teeth				I	I	I					P	P	I
5.2	Perform preventive care, periodontal, gingival and oro surgical treatments under local anaesthesia.			I		I	P	P	P			P	P	

Course Offerings NQF Learning Domains and Learning Outcomes		232 PDS	331 PDS	332 PDS	333 PDS	334 PDS	431 PDS	432 PDS	433 PDS	531 PDS	532 PDS	241 OMS	251 MDS	252 MDS
1.0	Knowledge													
1.1	Recall the procedures necessary to provide with a biocompatible, occlusally functional and aesthetic dental prostheses (fixed	I	I	P	A	I	A	P	A	I	A		I	I

	and removable) and its design, laboratory procedure by identifying the principles of occlusion													
1.2	Recognize the medico-legal and ethical considerations affecting the roles of dental and related health care personnel and their responsibilities with respect to health and safety of patients and community by the application of a strict infection control policies.	I	I	P	P	I	P	P	A	A	A			
1.3	Memorize the essentials of the head and neck anatomy, general physiology, general histology, biochemistry, microbiology, pathology, and pharmacology that may be related in the dental field.	I	I	I	I	I	P	P	A	P	A	A	A	A
1.4	Define the fundamental of cavity preparation, aesthetic dental procedures, tooth morphology and pulp therapy in all teeth using different biomaterials and different dental instruments.		I			I		I	P			P	I	P
2.0	Cognitive Skills													
2.1	Summarize the findings from the patient's history, clinical and radiographic examination to identify and formulate an appropriate treatment plan and prescribe appropriate and relevant drug therapy in the management of dental diseases.			I	I		A	P	P	P	A			
2.2	Differentiate the principles of common oral and maxillofacial surgery with different local anesthesia techniques and appropriate				P			P		P	A	P		

	infection control policy													
2.3	Design and apply procedures used in the production of all types of restorations , crowns, bridges, partial and complete dentures and make appropriate chair side adjustment to these restorations.	I	I	P	A	I	A	P	A	A	A			
2.4	Recognize the examination and diagnosis of different periodontal diseases, orofacial lesions, abnormalities and its management including minor surgical interference.						I			I	A	I		
3.0	Interpersonal Skills & Responsibility													
3.1	Show effective communication with the team and patients with ethical and moral principles in the scientific and professional contexts using verbal, IT and written means.	I	I	P	A	P	I	P	P	A	A	I	I	I
3.2	Evaluate the evidence published in refereed scientific journals and other publications for sound experimental design, statistical analysis, and professional development.						P		P	P	A	I	I	I
4.0	Communication, Information Technology, Numerical													
4.1	Illustrate information clearly in written, electronic and/or oral forms. and applying appropriate communication	I	I	P	A	P	I	P	A	A	A			

	skill to interact with patients and their families and supporting staff													
4.2	Demonstrate the responsibility and the ability to share and exchange information, professional opinions and research ideas with professional colleagues			I	I	P		P	A	A	A	I		
5.0	Psychomotor													
5.1	Perform fabrication of orthodontic and prosthetic appliances , as well as restorative and endodontic treatment of teeth	I	I	P	A	I	I	P	P	A	A			
5.2	Perform preventive care, periodontal, gingival and orosurgical treatments under local anaesthesia .							P	P		A	P		

Course Offerings NQF Learning Domains and Learning Outcomes		253 MDS	353 MDS	341 OMS	OMS 342	OMS 343	352 MDS	344 OMS	441 OMS	453 MDS	454 MDS	442 OMS	121 RDS	122 RDS
1.0	Knowledge													
1.1	Recall the procedures necessary to provide with a biocompatible, occlusally functional and aesthetic dental prostheses (fixed and removable) and its design, laboratory procedure by identifying the principles of occlusion	I			I			I	P		P	P	I	P
1.2	Recognize the medico-legal and ethical considerations affecting the roles of dental and related health care personnel and their responsibilities with respect to	P	P	A		I	P	A	A	P	A	P		

	health and safety of patients and community by the application of a strict infection control policies.													
1.3	Memorize the essentials of the head and neck anatomy, general physiology, general histology, biochemistry, microbiology, pathology, and pharmacology that may be related in the dental field.	A	A	A	A	A	A	A	A	A	P	A		
1.4	Define the fundamental of cavity preparation, aesthetic dental procedures, tooth morphology and pulp therapy in all teeth using different biomaterials and different dental instruments.	I		I									I	P
2.0	Cognitive Skills													
2.1	Summarize the findings from the patient's history, clinical and radiographic examination to identify and formulate an appropriate treatment plan and prescribe appropriate and relevant drug therapy in the management of dental diseases.	I	P	A			P	A	A	A	A	A		
2.2	Differentiate the principles of common oral and maxillofacial surgery with different local anesthesia techniques and appropriate infection control policy	I	P	A	I	I		A	A		A	I		
2.3	Design and apply procedures used in the production of all types of restorations , crowns, bridges, partial and complete dentures and make appropriate chair side adjustment to these			I	I	I			P	I	I	P	I	P

	restorations.													
2.4	Recognize the examination and diagnosis of different periodontal diseases, orofacial lesions, abnormalities and its management including minor surgical interference.		I	P	P	P	I	P	A	A	A			
3.0	Interpersonal Skills & Responsibility													
3.1	Show effective communication with the team and patients with ethical and moral principles in the scientific and professional contexts using verbal, IT and written means.	I	A	A	I	P	I	A	A	A	A	A		
3.2	Evaluate the evidence published in refereed scientific journals and other publications for sound experimental design, statistical analysis, and professional development.	I	I	I	I	I	I	I	I	I	I	I		
4.0	Communication, Information Technology, Numerical													
4.1	Illustrate information clearly in written, electronic and/or oral forms. and applying appropriate communication skill to interact with patients and their families and supporting staff	I	A	A	I	I	P	A	A	A	A	A		
4.2	Demonstrate the responsibility and the ability to share and exchange information, professional opinions and research ideas		P	P	P	P	P	A	P	P	A	A		

	with professional colleagues												
5.0	Psychomotor												
5.1	Perform fabrication of orthodontic and prosthetic appliances , as well as restorative and endodontic treatment of teeth												
5.2	Perform preventive care, periodontal, gingival and orosurgical treatments under local anaesthesia.			A				P		P	A	A	

Course Offerings NQF Learning Domains and Learning Outcomes		123 RDS	124 RDS	221 RDS	222 RDS	321 RDS	322 RDS	421 RDS	422 RDS	521 RDS	161 SDS	162 SDS	163 SDS	164 SDS
1.0	Knowledge													
1.1	Recall the procedures necessary to provide with a biocompatible, occlusally functional and aesthetic dental prostheses (fixed and removable) and its design, laboratory procedure by identifying the principles of occlusion									A				
1.2	Recognize the medico-legal and ethical considerations affecting the roles of dental and related health care personnel and their responsibilities with respect to health and safety of patients and community by the application of a strict infection control policies.					P		A	P	A				
1.3	Memorize the essentials of the head and neck anatomy, general physiology, general histology, biochemistry, microbiology, pathology, and pharmacology that may be related in the dental field.					I		P	P	A	I	I	I	I
1.4	Define the fundamental of cavity	I	P	I	I	P	I	A	P	A				

	preparation, aesthetic dental procedures, tooth morphology and pulp therapy in all teeth using different biomaterials and different dental instruments.													
2.0	Cognitive Skills													
2.1	Summarize the findings from the patient's history, clinical and radiographic examination to identify and formulate an appropriate treatment plan and prescribe appropriate and relevant drug therapy in the management of dental diseases.					P		A	P	A		I	I	
2.2	Differentiate the principles of common oral and maxillofacial surgery with different local anesthesia techniques and appropriate infection control policy					I		A	P	A	I	I	I	
2.3	Design and apply procedures used in the production of all types of restorations, crowns, bridges, partial and complete dentures and make appropriate chair side adjustment to these restorations.					P		A		A				
2.4	Recognize the examination and diagnosis of different periodontal diseases, orofacial lesions, abnormalities and its management including minor surgical interference.									A		I	I	
3.0	Interpersonal Skills & Responsibility													
3.1	Show effective communication with the team			I	I	P	I	A	P	A				

	and patients with ethical and moral principles in the scientific and professional contexts using verbal, IT and written means.													
3.2	Evaluate the evidence published in refereed scientific journals and other publications for sound experimental design, statistical analysis, and professional development.					I		P		P				
4.0	Communication, Information Technology, Numerical													
4.1	Illustrate information clearly in written, electronic and/or oral forms. and applying appropriate communication skill to interact with patients and their families and supporting staff			I	I	P	I	A	P	A				
4.2	Demonstrate the responsibility and the ability to share and exchange information, professional opinions and research ideas with professional colleagues					I	I	P		A				
5.0	Psychomotor													
5.1	Perform fabrication of orthodontic and prosthetic appliances , as well as restorative and endodontic treatment of teeth			I	I	P	I	A	P	A				
5.2	Perform preventive care, periodontal, gingival and orosurgical treatments under local anaesthesia.					I		P	I	A				

Course Offerings NQF Learning Domains and Learning Outcomes		165 SDS	166 SDS	167 SDS	168 SDS	261 SDS	262 SDS	263 SDS	264 SDS	361 SDS	362 SDS	541 OMS		
1.0	Knowledge													
1.1	Recall the procedures necessary to provide with a biocompatible, occlusally functional and aesthetic dental prostheses (fixed and removable) and its design, laboratory procedure by identifying the principles of occlusion													
1.2	Recognize the medico-legal and ethical considerations affecting the roles of dental and related health care personnel and their responsibilities with respect to health and safety of patients and community by the application of a strict infection control policies.					I					I	A		
1.3	Memorize the essentials of the head and neck anatomy, general physiology, general histology, biochemistry, microbiology, pathology, and pharmacology that may be related in the dental field.	I	I	I			I	I	I	I	I	A		
1.4	Define the fundamental of cavity preparation, aesthetic dental procedures, tooth morphology and pulp therapy in all teeth using different biomaterials and different dental instruments.													
2.0	Cognitive Skills													
2.1	Summarize the findings from the patient's history, clinical and radiographic examination to identify and formulate an appropriate treatment plan and prescribe appropriate and				I		I		I	I	I	A		

	relevant drug therapy in the management of dental diseases.													
2.2	Differentiate the principles of common oral and maxillofacial surgery with different local anesthesia techniques and appropriate infection control policy	I				P	I		I	I	P	A		
2.3	Design and apply procedures used in the production of all types of restorations , crowns, bridges, partial and complete dentures and make appropriate chair side adjustment to these restorations.													
2.4	Recognize the examination and diagnosis of different periodontal diseases, orofacial lesions, abnormalities and its management including minor surgical interference.	I	I	I	I	I	I	I	I	P	P	A		
3.0	Interpersonal Skills & Responsibility													
3.1	Show effective communication with the team and patients with ethical and moral principles in the scientific and professional contexts using verbal, IT and written means.					I				P	P	A		
3.2	Evaluate the evidence published in refereed scientific journals and other publications for sound experimental design,											I		

	statistical analysis, and professional development.													
4.0	Communication, Information Technology, Numerical													
4.1	Illustrate information clearly in written, electronic and/or oral forms. and applying appropriate communication skill to interact with patients and their families and supporting staff									P	P	A		
4.2	Demonstrate the responsibility and the ability to share and exchange information, professional opinions and research ideas with professional colleagues	I								P	P	A		
5.0	Psychomotor													
5.1	Perform fabrication of orthodontic and prosthetic appliances , as well as restorative and endodontic treatment of teeth													
5.2	Perform preventive care, periodontal, gingival and orosurgical treatments under local anaesthesia.										I	A	P	

5. Admission Requirements for the program

Attach handbook or bulletin description of admission requirements including any course or experience prerequisites.

1. Student's admission:

2. The student must pass the High school and preparatory year with the highest grades among the applicable students according the available seats number in the collage .

3. All the Student's admission requirements are announced on the university web site

6. Attendance and Completion Requirements

Attach handbook or bulletin description of requirements for :

a. Attendance

Attendance: The student must have attended at least 75% of each course to be allowed to admit the final examination .

b. Progression from year to year

The students have to successfully pass the courses in preclinical stages (Level 3,4,5 & 6) to enter in Clinical stages(Level 7,8,9 & 10) and they must complete all courses in clinical stages (Level 7,8,9 & 10) to enter in comprehensive clinical stage (Level 11 and 12).

If the students fail in any course , he or they have to re attend the course again mandatory.

If the student does not attend the final examination and advanced an excuse which has to be accepted from college administration, he will be given permission to sit for Final examination .

c. Program completion:

By passing all the program courses and the internship year.

Completion Requirements are announced on the collage web site

E. Regulations for Student Assessment and Verification of Standards:

What processes will be used for verifying standards of achievement (e.g. verify grading samples of test or assignments? Independent assessment by faculty from another institution) (Processes may vary for different courses or domains of learning.)

- **The total marks for each course are 100 marks, divided on a continuous assessment examination & final examination.**
- **Continuous assessment include written examination, oral, practical, research, theoretical or practical requirements (40% of total marks).**
- **Total marks of the final exams are 60 % of total marks, and midterm exams are 30 marks and continuous assessment is 10 marks .**
- **Samples of students answer exam will be reevaluated by the head of department.**
- **-Course reports items are discussed and check in department meeting.**
- **Final written exams are evaluated by electronic machine , and the results are analyzed by a committee using KR20 Program**
- **Final clinical or practical exams are evaluated by staff committee from the same specialty.**

- **The clinical and practical requirements are registered in the students log books and evaluated by the supervising staff.**

F Student Administration and Support

1. Student Academic Counselling

Describe the arrangements for academic counselling and advising for students, including both scheduling of faculty office hours and advising on program planning, subject selection and career planning (which might be available at college level).

- **An orientation week at the beginning of the academic year .**
- **Academic advisors to help with registration, liaison who has a stated office hours taking responsibility of 20 students maximum.**
- **Student representatives for each academic level which will have a direct communication with the academic staff.**
- **Each course coordinator has a weakly predetermined office hours labeled on his office**
- **Library, computer center and IT facilities are available to serve students .**
- **On-line information and learning materials.**
- **Student guide handbooks are available to the students .**
- **A Program Tutor to help students understand the course structure.**

2. Student Appeals

Attach the regulations for student appeals on academic matters, including processes for consideration of those appeals.

- The Mechanism for dealing with complaints and student suggestions is announced on the collage web site <http://dentistry.nu.edu.sa/234>

- Student survey report on set questionnaires.

-Regular meeting of the academic advisor with student to get feedback.

-Student may appeals to the vice dean or dean office directly

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G. Learning Resources, Facilities and Equipment

1a. What processes are followed by faculty and teaching staff for planning and acquisition of textbooks, reference and other resource material including electronic and web based resources?

-Reference text books available in sufficient number at the university library.

-Reference material for each course is recommended by the course coordinator and revised by department.

-Computer and internet are available in library and electronic web sites are also advised in the course description and are updated each year in the department meeting.

1b. What processes are followed by faculty and teaching staff for planning and acquisition resources for library, laboratories, and classrooms.

-Under the direct supervision of the dean a committee is appointed the review all labs and clinics

- All these are discussed in department meeting at the beginning and the end of each term.

- Any requirement needed will be reported and send to the dean.

2. What processes are followed by faculty and teaching staff for evaluating the adequacy of textbooks, reference and other resource provisions?

- Yearly updating of the number and edition of reference text.

-Student's feedback about the availability of the reference books & web-sites.

-Departmental committee to evaluate the references used and verification of the suitability with the objectives of the program.

3. What processes are followed by students for evaluating the adequacy of textbooks, reference and other resource provisions?

- Questioner is requested from the students for evaluation.

- Direct contact with their academic supervisor.

4. What processes are followed for textbook acquisition and approval?

- Staff members are presenting the suggested text books and academic material reference to head of department and discussed in department meeting.

- The requested material is send to the dean.

H. Faculty and other Teaching Staff

1. Appointments

Summarize the process of employment of new faculty and teaching staff to ensure that they are appropriately qualified and experienced for their teaching responsibilities.

Maintain certain standards to ensure the selection of the best & well qualified staff.

- Personal interviews to evaluate the quality and efficiency of the applicants.

- Academic, awards, scientific expertise and research should take in consideration for the selection of academic staff.

2. Participation in Program Planning, Monitoring and Review:

a. Explain the process for consultation with and involvement of teaching staff in monitoring program quality, annual review and planning for improvement.

- Invitation of the staff members to make their recommendations and suggestions regarding curriculum's update.

- **Department Annual Reports.**
 - **Data from the Office of Administration.**
 - **Survey and targeted evaluation data, including the student survey, survey of recent graduates and individual course evaluation.**
 - **Yearly benchmarking with other peer institutions and to itself on available academic standards.**
 - **Regular evaluation of strengths, weaknesses, opportunities.**
- b. Explain the process of the Advisory Committee (if applicable)
An Advisory Committee for Health Programs was established to review program learning outcomes, learning outcomes measurement reports, program report, program objectives and program improvement plans .

3. Professional Development

What arrangements are made for professional development of faculty and teaching staff for:

- a. Improvement of skills in teaching and student assessment.
- **Training sessions, workshops, and meetings for the development of staff member's teaching skills.**
 - **Continuous updating by quality seminars and workshops.**
- b. Other professional development including knowledge of research?
- **Regular training sessions, workshops, meetings for the development of staff member's research skills.**
 - **Provide the references needed for the research.**
 - **Web-sites are essential.**
 - **Ensure sufficient reference text books in library**
 - **summer clinical training .**

4. Preparation of New Faculty and Teaching Staff

Describe the process used for orientation and induction of new, visiting or part time teaching staff to ensure full understanding of the program and the role of the course(s) they teach as components within it.

- **Orientation of the new staff member to all program facilities.**
- **New staff member has to be linked with expertise colleague.**
- **Presence of a guide or policy in each department.**
- **Quality improvement meeting or seminars for the new staff to clarify all quality required report.**
- **Strategic plans of the college about the points of strength, weakness, opportunities & threats**

5. Part Time and Visiting Faculty and Teaching Staff

Provide a summary of Program/Department/College/institution policy on appointment of part time and visiting teaching staff. (ie. Approvals required, selection process, proportion to total teaching staff, etc.)

None

I. Program Evaluation and Improvement Processes

1. Effectiveness of Teaching

a. What QA procedures for developing and assessing learning outcomes?

The learning outcomes of the program were developed through the Program Review Committee and presented to the faculty members through the scientific departments of the program for discussion and opinion. And then send it to the external reviewer of the program to make notes and then was presented to the College board who refereed it to the Advisory Council of Health Colleges

- **Course reports.**
- **Program report.**
- **Feedback of the performance of graduates from employers.**
- **Student questionnaire in the college web.**
- **Graduates questionnaire in the college web.**
- **Designing the exams according to learning outcomes of the program .**
- **The exam review committee reviews the exam and their relevance to the learning outcomes**

b. What processes are used for evaluating the skills of faculty and teaching staff in using the planned strategies?

- **Head of department will evaluate the Workshops, seminars done by the academic staff.**
- **Preferred educating seminar on the new teaching skills.**
- **Student survey report.**
- **Graduates and employers questionnaire to get their view about the program in general.**

2. Overall Program Evaluation

a. What strategies are used in the program for obtaining assessments of the overall quality of the program and achievement of its intended learning outcomes:

(i) From current students and graduates of the program

- **Survey report of the courses & the program in general from students and alumni.**

<ul style="list-style-type: none"> - Course reports including the results. - Evaluation of the graduate's internship reports. - Employers feed pack.
<p>(ii) From independent advisors and/or evaluator(s)</p> <ul style="list-style-type: none"> - Five years periodic evaluation of the program. - Evaluation of the program report in academic meeting. - Preview of the program contents from recognised peer institutes. - Evaluation from higher committee e.g. "NCAAA". - Cooperation with other universities expertise to participate in the program evaluation committee. - Advisory Board of Health Colleges and Advisory Board of collage of dentistry
<p>(iii) From employers and/or other stakeholders</p> <p>Feedback from the employers about the performance of the graduate.</p>

Attachments:

1. Copies of regulations and other documents referred to template preceded by a table of contents.
2. Course specifications for all program courses including field experience specification if applicable.

Authorized Signatures

Dean / Chair	Name	Title	Signature	Date
Program Dean or program chair	DR. Saeed Al Sareii	DEAN		
	Dr.Abdel Naser Emam	Program coordinator	