

Cover Sheet: Request 11047

DEN7819L Clinical Orthodontics

Info

Process	Course Modify Ugrad/Pro
Status	Pending
Submitter	Abare,Censeri P cabare@dental.ufl.edu
Created	8/4/2016 11:17:08 AM
Updated	9/13/2016 2:44:35 PM
Description	This is a clinical conference rotation course (where a group of 15 students attend for 3 weeks, followed serially by the remaining groups in the class until the entire class has completed the clinical conferences/clinic over two semesters). Attendance, participation in the conference and clinical observation is required prior to the final examination. For the past several years there has been no discrimination with graded scores (all students have been receiving A grades) in the course. Students either do or do not complete assignments and the competency assessment (pass/fail), therefore a change to S/U is applicable.

Actions

Step	Status	Group	User	Comment	Updated
Department	Approved	DEN - Orthodontics 313407000	Dolce, Calogero		8/10/2016
Deleted DEN7819L-syllabus.pdf					8/4/2016
College	Approved	DEN - College of Dentistry	Sposetti, Venita J		8/12/2016
No document changes					
University Curriculum Committee	Comment	PV - University Curriculum Committee (UCC)	Case, Brandon	Added to the September agenda.	8/22/2016
No document changes					
University Curriculum Committee	Pending	PV - University Curriculum Committee (UCC)			8/22/2016
No document changes					
Statewide Course Numbering System					
No document changes					
Office of the Registrar					
No document changes					
Student Academic Support System					
No document changes					
Catalog					
No document changes					
College Notified					

Step	Status	Group	User	Comment	Updated
No document changes					

Course|Modify for request 11047

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Form version: 1

Responses

Current PrefixDEN

Course Level7

Number 819

Lab Code L

Course Title Clinical Orthodontics

Effective Term Fall

Effective Year 2016

Requested Action Other (selecting this option opens additional form fields below)

Change Course Prefix?No

Change Course Level?No

Change Course Number?No

Change Lab Code?No

Change Course Title?No

Change Transcript Title?No

Change Credit Hours?No

Change Variable Credit?No

Change S/U Only?Yes

S/U Only StatusChange to S/U Only

Change Contact Type?No

Change Rotating Topic Designation?No

Change Repeatable Credit?No

Change Course Description?Yes

Current Course Description Determination of orthodontic disposition for assigned pediatric dentistry patient, successfully complete at least two clinical procedures in orthodontics; attend and actively participate in orthodontic clinic one half day every four weeks.

Proposed Course Description (50 words max)Determination of orthodontic disposition and adjunctive treatment in mixed and adult dentitions.

Change Prerequisites?No

Change Co-requisites?No

RationaleThis is a clinical conference rotation course which has had no discrimination with graded scores. Students either do or do not complete assignments, therefore a change to S/U is applicable.

DEN7819L: Clinical Orthodontics - Class of 2018**Course Description:**

Determination of orthodontic disposition and adjunctive treatment in mixed and adult dentitions.

I. General Information

Course Director: John K Neubert
 Office:
 Email: jneubert@dental.ufl.edu
 Phone: 1 352 2735687
 Course Credits: 1
 Semester: Summer

Contributing Faculty

Richard E Donatelli 1 352 2738274 rdonatelli@dental.ufl.edu

Support Staff

Anthony M Licari 1 352 2735950 ALicari@dental.ufl.edu TA / Grade Administrator
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 Marc G Turchin 1 352 2736589 mturchin@dental.ufl.edu TA

II. Course Goals

The educational goal of this course is to give you the tools to a) analyze and plan mixed dentition space maintenance, b) recognize the need to refer complex malocclusion cases to a specialist in a timely manner, c) explain diagnosis to patient/parent in terms appropriate for a layperson, and d) explain case to a professional in appropriate terms.

III. Course Overview

This is a rotational course that reviews clinical orthodontics as it relates to the general dentist. The course contains three seminars and a competency exam that will test on the respective seminars.

Student attendance during school hours (7:25 am - 4:55 pm) is required on all days officially scheduled on the annual school calendar. In general, acceptable reasons for absence from or failure to participate in class include illness, serious family emergencies, special curricular requirements (e.g., professional conferences), military obligation, severe weather conditions and religious holidays. Absences from class for court-imposed legal obligations (e.g., jury duty or subpoena) must be excused. Other reasons also may be approved. For any deviation from this policy, the procedures described in the UFCD *Student Handbook* must be followed. More information can be found on this website, UF Attendance Policies.

IV. Course Outline

Semester 7			
(5wks)	(5wks)	Competency (5wks)	Grade
40 students	40 students	40 students	
2 hr session each wk w/ 8 students	2 hr session each wk w/ 8 students	2 hr session each wk w/ 8 students	S/U
		Final exam and Competency assessment at end of 5 wks	S/U 70% or above
Observe records being taken	Observe case presentation	Observe consult	S/U

Semester 8			
(5wks)	(5wks)	Competency (5wks)	Grade
40 students	40 students	40 students	
2 hr session each wk w/ 8 students	2 hr session each wk w/ 8 students	2 hr session each wk w/ 8 students	S/U
Competency exam at end of 5 wks	Competency exam at end of 5 wks	Final exam and Competency assessment at end of 5 wks	S/U 70% or above
Observe records being taken	Observe case presentation	Observe consult	S/U

V. Course Material

Proffit, W.R. Contemporary Orthodontics . 5th ed. C. V. Mosby.

(NOTE directions to perform Ackerman-Proffitt Analysis)

(NOTE directions to perform space analysis and tooth size analysis.)

Orthodontic Clinical Conference materials are available in "Documents".

"Need to Know" handouts for each Clinical Conference-posted in "Documents".

Web-posted cases for diagnosis in "Documents".

Optional resource:

[HSC Dental Library Guide](#)

VI. Course Objectives

Students will:

1. Prepare, attend and participate in three clinical orthodontic conferences.
2. Observe patient consults and clinical records being taken.
3. Evaluate orthodontic records.
4. Properly diagnosis and sequence limited orthodontic treatment plans relative to the general dentist.
5. Develop the ability to communicate orthodontic concerns to patients and to dental colleagues.
6. Critically assess orthodontic malocclusions and identify indications as to when to treat and when to refer to an orthodontic specialist.
7. Successfully complete orthodontic case competency assessment questions.

VII. Course Competencies

This course contributes to teaching to the following competencies.

- **Domain II:** Health Promotion and Maintenance - Educate patients and the community, based upon scientific inquiry, critical thinking and outcomes assessments, about the etiology of oral disease. Promote preventive interventions and effectively work with patients and other health care professionals to achieve and maintain a state of optimal oral health through evidence-based care.
 - **3.Communication and Interpersonal Skills:** Demonstrate culturally sensitive patient-centered communication using the scientific and lay literature and behavioral principles and strategies.
 - **4.Critical Thinking:** Apply self-assessment, evidence-based decision making, problem solving skills and biomedical science knowledge in clinical patient care.
 - **7.Patient Management:** Apply behavioral and communicative management skills during clinical patient care.
- **Domain III:** Health Assessment – Recognize systemic diseases, substance and patient abuse and evaluate the patient's medical and oral condition, plan treatment needs and refer, when appropriate.
 - **9.Examination of the Patient:** Perform an evidence-based comprehensive patient evaluation to include patient history including medications, chief complaint(s), medical, oral and extraoral conditions, biological, behavioral, cultural, socioeconomic information and consultations(s) to assess the patient's prognosis and treatment risks.
 - **10.Diagnosis:** Interpret and correlate findings from the patient history, interview, clinical and radiographic examinations,

and other diagnostic tests to accurately assess patients with special needs and for all other patients across the lifespan determine a differential, provisional, or definitive diagnosis.

- **11. Treatment Planning:** Develop properly sequenced treatment and/or referral plan options, as appropriate, to achieve patient satisfaction that includes obtaining informed consent; and modify the accepted plan, when appropriate.
- **Domain IV:** Health Rehabilitation – Using universal infection control guidelines and managing the patient's anxiety and pain, perform procedures and restore the patient to oral health or refer appropriately.
 - **18.:** Diagnosis and manage limited developmental or acquired occlusal abnormalities.

This course certifies the following competencies.

- **Domain IV:** Health Rehabilitation – Using universal infection control guidelines and managing the patient's anxiety and pain, perform procedures and restore the patient to oral health or refer appropriately.
 - **18.:** Diagnosis and manage limited developmental or acquired occlusal abnormalities.

VIII. Evaluation

Criteria for Clinical Conferences

Each student-dentist will present one case from his/her family of patients. Two web-based cases will be assigned. The student will present the material using the format described below. The presentation will conclude with an assessment of how the patient should be managed ideally and also realistically.

FORMAT FOR CASE PRESENTATIONS:

This exercise is designed to give you an opportunity to apply information acquired in DEN6450C. The procedure is as follows:

- 1) Review your assigned case
- 2) Analyze the records of the following:
 - a. Medical, social, and dental history
 - b. Developmental status
 - c. Profile assessment
 - d. Space analysis
 - e. Bolton analysis
 - f. Functional analysis
 - g. Dental cast analysis:
 - (1) Vertical
 - (2) Transverse
 - (3) A-P
 - (4) Alignment
 - h. Radiographic analysis
- 3) Considering the orthodontic status of the patient, decide if he or she should:
 - a. Receive no orthodontic treatment
 - b. Be observed (be prepared to discuss what and for how long you will be observing)
 - c. Receive orthodontic treatment by a (1) General practitioner or a (2) Specialist.

Grading Criteria

Student-dentists will be evaluated at each conference by the attending orthodontic faculty. The grade will be based on student preparedness, attitude, general knowledge of orthodontic diagnosis, the correctness of the decisions regarding cases presented, interpretation of findings, general participation in discussions, and the competency evaluations. **Unexcused absences of assigned students will receive a grade of U (Unsatisfactory) for the conference. Unexcused absences cannot be made up.** Excuses can be obtained from the attending orthodontic faculty member or from the Dean's Office only. **These must be obtained at least 24 hours prior to the conference.**

Competency Assessment: After the third seminar's rotation, the student will be asked to review two orthodontic cases. With these cases you will consider oral-facial growth and development stages and give your recommendations for these cases as you would present them to the patient/parent, and as you would present them to a colleague/specialist.

For each of the three Competency Exams, each student is required to complete the analysis of malocclusions at the testing center. The web-based case will include:

- 1) Panorex film and of the appropriate views

- 2) Cephalogram when indicated
- 3) Intraoral color photographs
- 4) Extraoral color photographs

The competency exam is preformed independently by the student.

Grading Criteria for Competency

Students will be evaluated based on their ability to properly answer questions on the given malocclusion.

The grading will be Satisfactory (S) or Unsatisfactory (U).

Critical errors that will result in not passing the competency assessment case questions include:

1. untimely referral to a specialist
2. misclassification of occlusion (Angle)
3. misclassification of malocclusion as dental or skeletal
4. misdiagnosis of Panorex

COMPETENCY REMEDIATION

Students receiving a failing grade (U) for a competency exam will be remediated by one of the faculty. The remediation activities will be at the discretion of the Course Director. The activities will include review of related seminars, review of competency exam, reading appropriate sections of Proffitt textbook, and retaking the competency assessment. The remediated competency grade will be a Remediated S grade (RS).

COURSE GRADING RUBIC

DEN 7819L		
	S Grade	U Grade
Conference	Attends and participates in the 3 assigned rotations.	DOES NOT attend or participate in ALL 3 assigned rotations.
Clinic	Observe patient consult and clinical records being taken	DID NOT observe patient consult and/or clinical records being taken
Examination	Score of 70% or greater.	Score below 70%
Competency Assessment	Score of 100% on the designated case competency examination questions.	Score of less than 100% on the designated case competency examination questions.

The student must meet ALL criteria at the "Satisfactory" level to receive an "S" grade in the course.

Students that receive an "Unsatisfactory" score in any of the above criteria will receive a "U" grade in the course must remediate.

*You must successfully complete the competency assessment to pass the course.

Course Remediation: A student that receives a "U" grade in the course must meet with the Course Director and schedule to take a remediation assessment based on areas were the student did not perform at at satisfactory level.

IX. Administrative Practices

Administrative practices for all UFCOD courses are universally applied. Exceptions to or deviations from these practices are stated in the individual syllabi by the course director. When not individually stated in the syllabus, course administrative practices default to those identified under "Administrative Practices" in the ECO sidebar for each electronic syllabus. These practices include: Professional Behavior, Student Responsibilities in the Classroom, Attendance, Dress Code, Email Policy, Tutoring, Academy Honesty and the Student Honor Code, Student Accommodations, Post-exam Review, Grading System, Remediation, Student Evaluation of Instruction, Student Complaints, University Counseling Services and Mental Health Services and Electronic Course Material and Social Media.

X. Grade Scale

This course uses a Satisfactory/Unsatisfactory grade scale.