

UNIVERSITY SENATE ROUTING LOG

Proposal Title: CDS 680

Name/email/phone for proposal contact: Karen Novak knova2@uky.edu 323-8705

Instruction: To facilitate the processing of this proposal please identify the groups or individuals reviewing the proposal, identify a contact person for each entry, provide the consequences of the review (specifically, approval, rejection, no decision and vote outcome, if any) and please attach a copy of any report or memorandum developed with comments on this proposal.

Reviewed by: (Chairs, Directors, Faculty Groups, Faculty Councils, Committees, etc)	Contact person Name (phone/email)	Consequences of Review:	Date of Proposal Review	Review Summary Attached? (yes or no)
Mrs. Oversight Committee Graduate Faculty in Dentistry	Dr. K. Novak 323-8705 knova2@uky.edu	Full Approval	10/8/07	No

APPLICATION FOR NEW COURSE

1. Submitted by College of Dentistry Date 9/20/07

Department/Division offering course Oral Health Practice/Division of Oral Diagnosis

2. Proposed designation and Bulletin description of this course

a. Prefix and Number CDS680 b. Title* Clinical Medicine for Postgraduate Dental Students

*NOTE: If the title is longer than 24 characters (including spaces), write
A sensible title (not exceeding 24 characters) for use on transcripts Clinical Oral Medicine

c. Lecture/Discussion hours per week 2 d. Laboratory hours per week 0

e. Studio hours per week 0 f. Credits 2

g. Course description: This course is designed to provide graduate students and dental residents with an advanced understanding of how various medical disorders and medical therapies can affect oral health and the delivery of dental care.

h. Prerequisites (if any): Admission to dental graduate program

i. May be repeated to a maximum of 0 (if applicable)

4. To be cross-listed as None

Prefix and Number

Signature, Chairman, cross-listing department

5. Effective Date Spring 2008 (semester and year)

6. Course to be offered Fall Spring Summer

7. Will the course be offered each year? Yes No

(Explain if not annually)

8. Why is this course needed?

This new course is needed to cover current information on medical issues that can have an impact on the treatment that will be provided to patients in the oral health care setting.

9. a. By whom will the course be taught? Dr. Craig Miller (Course Director) in association with other Medical Center and College of Dentistry faculty

b. Are facilities for teaching the course now available? Yes No

If not, what plans have been made for providing them?

10. What enrollment may be reasonably anticipated? 10-15 students primarily from Orthodontics, Periodontics, Orofacial Pain and Pediatric Dentistry

11. Will this course serve students in the Department primarily? Yes No

Will it be of service to a significant number of students outside the Department? Yes No
If so, explain.

Will the course serve as a University Studies Program course? Yes No

If yes, under what Area? _____

12. Check the category most applicable to this course

- traditional; offered in corresponding departments elsewhere;
 relatively new, now being widely established
 not yet to be found in many (or any) other universities

13. Is this course applicable to the requirements for at least one degree or certificate at the University of Kentucky? Yes No

14. Is this course part of a proposed new program: Yes No
If yes, which? _____

15. Will adding this course change the degree requirements in one or more programs? Yes No

If yes, explain the change(s) below (NOTE – If “yes,” a program change form must also be submitted.)

This new course will become part of the Core Curriculum for students in the College of Dentistry obtaining the Master of Science degree and for other students in selected specialty area training.

16. Attach a list of the major teaching objectives of the proposed course and outline and/or reference list to be used. Please see attached syllabus.

18. If the course is 400G or 500 level, include syllabi or course statement showing differentiation for undergraduate and graduate students in assignments, grading criteria, and grading scales. Check here if 400G-500.

19. Within the Department, who should be contacted for further information about the proposed course?

Name Dr. Craig Miller

MN 324 Dental Science Building

Phone Extension 323-5598

APPLICATION FOR NEW COURSE

Job PO1
Mark Thomas

Signatures of Approval:

10/8/07

Date of Approval by Department Faculty

Reported by Department Chair

10/8/07

Date of Approval by College Faculty

Reported by College Dean

Sharon P. Turner 10/25/07

*Date of Approval by Undergraduate Council

Reported by Undergraduate Council Chair

*Date of Approval by Graduate Council

Reported by Graduate Council Chair

*Date of Approval by Health Care Colleges Council (HCCC)

Reported by HCCC Chair

*Date of Approval by Senate Council

Reported by Senate Council Office

*Date of Approval by University Senate

Reported by Senate Council Office

*If applicable, as provided by the Rules of the University Senate

CDS 680 Course Syllabus & Schedule SPRING 2008

Course Director: Craig S. Miller, D.M.D., M.S.
Oral Medicine Section, Department of Oral Health Practice
College of Dentistry
Office: MN 324
E-mail: cmiller@uky.edu
Phone: 323-5950; 433-5755 (cell)

A. General Information:

Course Designation: CDS 680: Clinical Medicine for Postgraduate Dental Students I
Type of Course: Required
Starting Date: January 2, 2008
Ending Date: May 21, 2008
Credit Hours: 2

B. Purpose:

This course is designed to provide graduate students and dental residents with an advanced understanding of how various medical disorders and medical therapies can affect oral health and the delivery of dental care. Upon completion of the course, the student should be proficient in the process of risk assessment and treatment planning for patients with various and common medical disorders. Emphasis will be placed upon recognition of common medical disorders using clinical, laboratory and *imaging evaluations and the therapies prescribed in the management of* these disorders. Students should be able to use information resources (i.e., books, journal articles) to thoroughly understand the diseases listed within this syllabus.

C. Goals:

1. Obtain, record, and evaluate a comprehensive medical and dental history and appropriate family and psychosocial history.
2. Evaluate a patient's general physical, attitudinal, and mental and emotional state and assess conditions that may affect the delivery of dental care.
3. Assess the need for clinical laboratory and other diagnostic procedures and tests and assess how test results determine the severity of a condition and affect oral health treatment.
4. Assess the influence of systemic diseases and disorders on oral health management.
5. Develop a plan to manage and minimize the health hazards in dental practice.
6. Modify planned treatment based upon the patient's physical, emotional, mental, financial, or attitudinal state or condition, as appropriate.
7. Prevent potential complications related to local anesthesia and dentally prescribed medications.
8. Implement effective strategies for preventing medical emergencies in general dental practice.

9. Plan general dental care for most medically, physically or emotionally compromised patients in an outpatient setting.
10. Critically evaluate published clinical and basic science literature regarding medical conditions and apply the information to manage the oral health of the patient.

D. Outcomes:

At the completion of this course, the student will be able to demonstrate:

1. Knowledge about a broad variety of common medical disorders, their diagnosis and treatment, and their affect on oral health and the delivery of dental care.
2. Knowledge of how to assess the risk involved by the delivery of dental care to medically compromised patients.
3. Knowledge of preventive strategies for reducing risk of medical illness
4. Knowledge of planning the safe delivery of dental care to medically compromised patients.
5. The ability to apply this knowledge so clinically proficient dentistry can be practiced in their field of specialty.

E. Learning Resources:

Required: Little, JW, Falace, DA, Miller, CS, Rhodus, NL: Dental Management of the Medically Compromised Patient, 7th ed., Mosby, St. Louis, 2007.

Supplemental: Wynn, RL, et al: Drug Information Handbook for Dentistry, 10th ed., Lexi-Comp. Hudson, Ohio, 2004.

Merck Manual of Diagnosis and Therapy, 17th ed., Merck Research Lab, Whitehouse Station, NJ, 1999.

Journal of American Medical Association, Journal of American Dental Association, Journal of Family Practice, and other pertinent medical journals

F. Course Format:

This lecture/seminar course provides information regarding selected topics in medicine. Emphasis is placed on the assigned text and current literature for an in-depth understanding of those aspects particularly relevant to dentistry. The first hour of each seminar is an overview of a topic led by an expert in the field. The faculty will select the format for each topic: conference, seminar, discussion group, or lecture. During the second hour, case-based discussion format and current articles will be discussed based on readings from the required textbook and assigned articles. Students will be asked to think critically, discuss basic principles and participate in class discussions. Students will be assigned specific topics and articles to review and present during the second hour of each seminar. *Each student will have an assignment for each class.* At the end of each class there will then be a brief summary of the “take home” points including things “To do” and “To avoid” for each medical condition.

The course will meet during the Spring semester on Wednesdays from 10:00 a.m -12:00 noon.

G. Faculty:

Name	Office	Phone	E-mail
Ain, Ken	CC448 Roach Facility	3-3778	kbain1@uky.edu
Anderson, James	Suite 5 1030 S Broadway	7-4058	janders@uky.edu
Carlson, Charles	106C Kastle Hall	7-4394	ccarl@email.uky.edu
Crofford, Leslie	J-509 KY Clinic	3-4939	ljcrof2@email.uky.edu
Cunningham, Larry	D-540	3-5219	llcunn2@email.uky.edu
Falace, Don	MN-318	3-5279	dfalace@email.uky.edu
Ferguson, James (Jef)	C373 Medical Center	3-6434	james.ferguson@uky.edu
Greenberg, Richard	MN-672	3-6327	rngree01@uky.edu
Henry, Robert	VA Dental Clinic	281-4912	robert.henry@med.va.gov
Miller, Craig	MN-324	3-5598	cmiller@uky.edu
Moscow, Jeff	J-457 KY Clinic	3-1436	jmoscow@uky.edu
Novak, John	414 HSRB	3-5159	mjnova2@uky.edu
Raybould, Ted	A-234 KY Clinic	3-5613	tprayb1@email.uky.edu
Sawaya, Peter	MN-560	3-5049 x 224	besawa0@email.uky.edu
Shedlofsky, Steven	MN-665	3-5575	shedlof@uky.edu
Yepes, Juan	MN-320	3-9833	Jfyepe2@email.uky.edu

H. Evaluation

Participation:

Students are graded on class participation. A maximum of 2 points will be provided for participation per class. Asking a question yields one point per class. Providing commentary, answering a question correctly yields one point per class. Those that do not participate verbally will receive zero points for that class.

Assignments:

Students will be assigned at least one week in advance specific topics and articles to review and present during the second hour of each seminar. There will be at least 2 cases/topics/articles to be presented by the students each week during the second hour and two assigned primary reviewers of the topic. *Each student will have at least 4 assignments for the semester. All assignments must be completed and turned in at the time of the assigned class to receive a grade on the assignment.*

Final Examination

The final examination is cumulative and consists of 50 questions. There will be 40 multiple choice and true/false questions, 5 short answer and 2 essay questions. Each multiple choice, true/false and short answer questions count 2% of the exam grade. Each essay question counts 5% of the exam.

I. Grading

Grading Scale:

I. Grading

Grading Scale:

Each assignment and the final examination will be graded using the following scale. This grading approach falls within the purview of the College of Dentistry's *Code of Professional and Academic Responsibility* and rules set forth in the University of Kentucky's *Student Rights and Responsibilities*. If you have questions about these policies, please consult the course director before the examination

A= high achievement	90-100%
B= satisfactory achievement	80-89.9%
C= minimum passing grade	70-79.9%
E= failure	<70%

Scores obtained on the weekly assignments and class participation will be combined with the score on the final examination to determine your course grade using the A-B-C-D-E grading system of the University of Kentucky Graduate School. The evaluation components of the course will be weighted as follows:

Class participation:	25%
Completion of assignments:	30%
Final examination:	45%

J. Attendance Policy:

Attendance is required at all classes. Excused absences must be approved by the Course Director. Each unexcused absence will result in a "0" grade on the class participation portion of the grade for each day missed.

K. Make-Up Policy:

Missed class participation assignments and/or final examination due to an excused absence may be made up without penalty.

Missed assignments and examinations and assignments due to an unexcused absence may not be made up, and the student will receive a "0" for the assignment or examination that is missed..

A failed examination may not be retaken.

L. Remediation:

There will be no remediation for this course. Failure of the course will result in the need to retake the entire course the next time it is offered.

M. Cheating and Plagiarism:

All activities in this course are conducted under the College of Dentistry Code of Professional and Academic Responsibility and the University's Students Rights and Responsibilities publication (<http://www.uky.edu/studentaffairs/code1>). The College has high expectations of each student concerning their professional and academic responsibilities, including self-governance. Cheating and plagiarism will not be tolerated and will result in a failing grade. If you have questions about expected standards of behavior, it is your responsibility to discuss and clarify these questions with the Course Director.

DATE LEADER	TIME	TOPIC	SEMINA
W January 2	8 - 10:00 a.m.	Introduction to Course, Diagnostic Process, Physical Evaluation, Laboratory Values, Progress Notes and Record Keeping	Craig Miller, D.M.D., M.S.
W January 9	" "	Diagnostic Imaging, Radiation Safety and Basic Physics, Extraoral Radiology, Advanced Imaging Techniques	Juan Yepes, D.M.D., M.D.
W January 16	" "	Cardiovascular Disease, Infective Endocarditis, Ischemic Heart Disease	Don Falace, D.M.D.
W January 23	" "	Rheumatoid Arthritis & Connective Tissue Disorders	Leslie Crofford, M.D.
W January 30	" "	Gastrointestinal Diseases (Peptic ulcer disease, Inflammatory Bowel Disease)	TBA
W February 6	" "	Bacterial Infections of the Head and Neck	Larry Cunningham, M.D.
W February 13	" "	Viral Infections, Sexually Transmitted Diseases, HIV/AIDS, and Vaccinations	Richard Greenberg, M.D.
W February 20	" "	Respiratory Infections Meningococcal disease, SARS & tuberculosis, Asthma and Allergic conditions	Craig Miller, D.M.D., M.S.
W February 27	" "	Hepatitis and Liver Disorders	Steven Shedlofsky, MD
W March 5	" "	Renal Disorders and Disease	Peter Sawaya, M.D.
W March 12	" "	Diabetes/Obesity and Nutrition	James Anderson, M.D.
W March 19	" "	Thyroid and Adrenal Gland Disorders	Ken Ain, M.D.
W March 26	" "	Women's Health Issues: Pregnancy, Gestation and Preterm Delivery, Osteoporosis	Jeff Ferguson M.D.; John Novak L.D.S.
SPRING BREAK MARCH 31 - APRIL 4			
W April 9	" "	Bleeding Disorders	Dr. Robert Henry
W April 16	8 -10:00 a.m.	Hematology, Oncology and Transplant, Stem Cells <i>Head, Neck and Cutaneous Cancers</i>	Jeff Moscow, M.D. Craig Miller D.M.D.
W April 23	" "	Management of Oral Cancer, Osteoradionecrosis, Hyperbaric Oxygen Therapy	Ted Raybould, D.M.D.
W April 30	" "	Pharmacology: Drug Metabolism (in young & elderly), Drug Interactions, Oral Manifestations of Drug Therapy	TBA/ Craig Miller D.M.D.
W May 7	" "	Neurological Disease (Stroke, Parkinson Disease, Alzheimer's Disease) <i>Autism, Mental Retardation, Seizures</i>	Creed Pettigrew, M.D.

W May 14		Stress and Disease	Charles Carlson, Ph.D.
W May 21		Final Examination	

Note: second hour seminar topics are shown in italics and will be led by Dr. Miller.