

ELECTIVE TITLE: Dental Informatics and Analytics

Name of Faculty presenting elective: Gregory G. Zeller

	# of Hours
Lectures	<u> 3 </u>
E-Lessons	<u> 3 </u>
Small Groups	<u> 2 </u> - project_
Electronic assessment--Blackboard/Questionmark	<u> y </u>
Total Hours	<u> 8 </u> (Seven-eight hrs. minimum=one-half credit; 15 hrs. maximum=1 credit)

Class Size Limited: No

Educational Purpose of the Course

- Introduce the scope of dental informatics and analytics
- Discuss clinical informatics, including the electronic patient record, imaging, and data analysis
- Discuss standards development and implementation
- Discuss interoperability issues
- Discuss knowledge representation and management
- Review and evaluate currently used informatics and analytics applications
- Explore future developments and expectations for informatics and analytics

Prerequisites: **None**

Method of Evaluation:

<u> x </u>	Classroom Attendance, participation.
<u> </u>	Small group discussions of electronic material
<u> </u>	Quiz/Exam
<u> </u>	Written Paper
<u> x </u>	Other - Please define: Projects

Method of Grading: Pass/fail