

# Dental Informatics and Analytics

Gregory G. Zeller

# of Hours  
**Lectures**     \_\_3\_\_  
**E-Lessons**    \_\_3\_\_  
**Small Groups** \_\_2- project  
**Quiz/Exam**    Electronic assessment--Blackboard/Questionmark \_\_y\_\_

**Total Hours**   \_\_8\_\_ (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:**     \_\_x\_\_ Classroom Attendance, participation.  
                                  \_\_\_\_ Small group discussions of electronic material  
                                  \_\_\_\_ Quiz/Exam  
                                  \_\_\_\_ Written Paper  
                                  \_\_x\_\_ Projects

**Method of Grading:**       Pass/fail

## Schedule:

| Date                | Time                 | Room            |
|---------------------|----------------------|-----------------|
| <del>Sept. 14</del> | <del>2-4:00 pm</del> | <del>G314</del> |
| Sept. 21            | 2-4:00 pm            | G314            |
| <b>Oct. 12</b>      | <b>2-4:00 pm</b>     | <b>G202</b>     |
| Oct. 26             | 2-4:00 pm            | G314            |
| Nov. 9              | 3-5:00 pm            | G314            |