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| Course Outline / Syllabus  BME 4951  Spring 2016  **Form 1 of 3** | | |
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| **Professor** | **Dr. M. Walker III** | **Assessment** |
| **Item Number** | **Item Description** | **Total Point Value** |
|  | NO IN-CLASS LECTURES, ALL DESIGN INSTRUCTION BY THE PROFESSOR IS TEAM-INTERACTIVE AND PROJECT BASED | All evaluation and class meeting is done in BME Design Loft |
| 1 | **Oral PowerPoint Presentations**   * Each week, the two peer teams will alternate Oral Exam Presentation. This will engage the team presenting with problem solving/quiz sessions with professor, and peer team. * Team grades * The final "oral" presentation will be with a draft final poster. * The Oral exams should contain content that resulted from at least 6 to 10 hours per week of project work. | **24**  *(6x4 points each presentation) see Excel Sheet schedule of assigned dates per team* |
| 2 | **Peer to Peer Observation and Weekly reports the opposite week of the Oral Presentation.**   * Progress reports will be posted online at the time of your team’s observation of the paired team’s Oral presentation… * All drawings (Solid Works and other sketches) and all code developed must be included! This is a professional report! * Paired team is color matched on Excel Sheet Schedule. * Follow the guidelines for both the written report and the Peer-to-Peer Observations (see OAK Upload). \* | **18**  (6 x3 point each) *see schedule of assigned dates per team* |
| 3 | **Complete Web Content Presentation**  Lifelong Self learning assignments Web checks: 3 Assessments of updated Web Pages   * CREO Engineering drawings * Full and update MS Project Plan of your Teams Project * Designsafe (if applicable) * Updated content on Team’s Web Pages * Final Grant submission to the web site | **15**  (3 checks, value 5)  Check 1:Feb 5,  Check 2: March 4,  Check 3: April 8 |
| 4 | **Poster session judge 1**   * Design Day (Mon. April 25, 2016) | **10** |
| 5 | **Poster session judge 2**  Design Day (Mon. April 25, 2016) | **10** |
| 6 | **Advisor grade** | **23\*\*** |
| 7 | Total | **100\*\*** |
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|  | * **There are two teams in the BME Design Loft, one team presents and the other team observes and gives feedback. See schedule for the time for your teams. The teams are paired by color key (see Excel Sheet)** |  |

\*\* indicates that the advisor may give different grades to different students on a design team dependent upon his/her opinion of the caliber of that student's work.   Likewise, overall course grades may be modified by the instructor if group opinion, based upon the Peer**-to-Peer Observational Review** process, indicates that a given student did not contribute well to the group effort.  See form 3 for the **Peer-to-Peer Observational Review expectations.**