

**Chemical and Biochemical Engineering Graduate Professional Development Seminar (52:193);
S2012**

Syllabus Version 1 (Jan 23, 2012)

1. Time and Place of Course
Arranged
2. Instructor
Charles O. Stanier
Office: 4122 Seamans Center
Phone: 335-1399
Email: cstanier@engineering.uiowa.edu
Office Hours: by appointment
3. Teaching Assistant none
4. Textbook none
5. Website <http://icon.uiowa.edu>
6. Overview of course

The CBE faculty in fall of 2010 approved a requirement for non-thesis graduate students in their final two semesters to participate in a professional development seminar. Students self-schedule attendance of seminars, workshops, or conferences in line with their professional development goals.

The seminar is worth 1 s.h. and is graded.

7. Requirements
 - Attendance of an orientation seminar
 - Identification of 10 hours of seminars, workshops, or conferences. Academic seminars at the University of Iowa do not need prior approval from the instructor. Other proposed items such as conferences and online workshops or courses do require prior approval.
 - Participation in an exit seminar and presentation (6-8 minutes, no ppt required) of highlights of the attended materials.
 - Use the ICON discussion board to share good links to seminar series

TRACK 1 – CAREER SEARCH FOCUS

- Preparation of a personal statement of career goals between 250 and 350 words in length (due any time in Mar)
- Meeting with engineering career services for a review of resume, if a meeting has not been held with them since Sept 1 (for spring semester participants) and since Mar 1 (for fall semester participants)
- Submitting of resume to the instructor (due any time in Feb)

TRACK 2 – CAREER READINESS

- Select a business-focused book, career search book, or a book on the intersection of society-technology-science. Read it and provide 300-400 word summary of it, and discuss it in the exit seminar.
- Some books that caught my eye or that I am familiar with are:
 - Disciplined Dreaming by Josh Linkner
 - http://www.amazon.com/Disciplined-Dreaming-Breakthrough-Creativity-ebook/dp/B004KAA7XG/ref=dp_kinw_strp_1?ie=UTF8&m=AG56TWVU5XWC2

- The Lean Startup by Eric Ries
 - http://www.amazon.com/Lean-Startup-Entrepreneurs-Continuous-ebook/dp/B004J4XGN6/ref=dp_kinw_strp_1?ie=UTF8&m=AG56TWVU5XWC2
- Uncertainty by Jonathon Fields
 - http://www.amazon.com/Uncertainty-Turning-Doubt-Brilliance-ebook/dp/B0052RHDY2/ref=dp_kinw_strp_1?ie=UTF8&m=AG56TWVU5XWC2
- What Color is Your Parachute by Richard Bolles
 - http://www.amazon.com/What-Color-Your-Parachute-ebook/dp/B004J4WM7C/ref=dp_kinw_strp_1?ie=UTF8&m=AG56TWVU5XWC2
- The Pathfinder by Nicholas Lore
 - http://www.amazon.com/The-Pathfinder-ebook/dp/B004T4KREM/ref=dp_kinw_strp_1?ie=UTF8&m=AG56TWVU5XWC2
- Making Sustainability Work by Marc Epstein
 - http://www.amazon.com/Making-Sustainability-Work-Environmental-ebook/dp/B0065MKMUU/ref=dp_kinw_strp_1?ie=UTF8&m=AG56TWVU5XWC2

and more technical books on specific industries are fine too. One request – not something you’ve already read...

8. Grading

- 30% Timely and high quality submission Track 1 or Track 2 deliverables, as appropriate. If documents submitted need additional work, students are responsible for performing revisions.
- 20% Participation in orientation and exit seminar; professionalism in approving developmental activities with the instructor
- 50% Attending 10 hours of developmental activities – submission of written notes for any online seminars chosen

9. Guidelines on Academic Misconduct and Other Matters

- Falsification of the record of seminar attendance will result in an F for the course.
- Graduate students enrolled in this course have academic rules and regulations according to the Graduate College manual of rules and regulations;
- Students wishing to add or drop this course after the official deadline must receive the approval of the Dean of the College of Engineering. Details of the University policy of cross enrollments may be found at <http://www.uiowa.edu/~provost/deos/crossenroll.doc> <<http://www.uiowa.edu/%7Eprovost/deos/crossenroll.doc>>.

