Fall 2017, R546 Instructional Strategies for
Thinking, Collaboration, and Motivation
Course Web Site: http://www.indiana.edu/~bobweb/
HTML of Syllabus: http://php.indiana.edu/~cjbonk/Instructional-Strats-R546-2017.htm
Word Document: http://mypage.iu.edu/~cjbonk/Instructional-Strats-R546-2017.doc
Videostreaming link and archive: https://www.indiana.edu/~istream/cas/ (enter Section 10546)

Dates: August 26, 2016 to October 14, 2017 (8:00-1:00, Saturdays), IU-B, IUPUI
IU-Bloomington:　　　Section 10546, School of Education: Room 2101 (IUB)
IUPUI: Section 25404, ICTC (IT Building) 200B (Videoconferencing)
Instructor:　　Curtis J. Bonk, Professor, IST Dept.; Room 2238 Wright Education Building
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Instructional Assistant: Meina Zhu: meinzhu@umail.iu.edu

Course Description:
Students in this course will learn how to develop learning environments that stimulate critical thinking and creativity, and that promote cooperative learning and motivation. In addition, they will learn technology integration strategies. To highlight method similarities and differences and to link theory to practice in each area, scientifically researched strategies and programs will be illustrated through hands-on activities. There is much experimentation and risk taking in this class. Everyone will learn dozens of instructional strategies; but, more importantly, they will reflect on their overall teaching philosophy.

Course History and Intended Audience:
Educators in all sectors are struggling with wave after wave of educational change. Many recognize the need for shifting their teaching philosophy to a more learner-centered or hands-on approach. This trend is especially evident here in 2017; the age of STEM, competency-based education, personalized instruction, problem-based learning, digital learning, Wikipedia, YouTube, and MOOCs. Today, learners can be more self-directed. However, learners often lack sufficient time and resources. In response, this course provides a roadmap for those stuck in the murky swamp of paradigm change and educational reform. Different versions of this course have been taught since 1991, with videoconferencing added in 1996. Past course participants have also included graduate students, corporate trainers, instructional designers, administrators, and private consultants. This course is intended for:

➢ Anyone wanting to feel better prepared to teach, train, or learn something new.
➢ Graduate students looking to round out a doctoral or master's degree or minor in IST.
➢ Corporate trainers wanting to embed practical strategies into their training workshops and classes.
➢ Higher education professors wanting to enhance their instruction with innovative teaching.
➢ Instructional designers interested in embedding thinking skills into software and other media.
➢ K-12 principals and other administrators hoping to integrate various educational reform efforts.
➢ Practicing teachers searching for professional development opportunities for engaging learners.
➢ Private consultants offering thinking skill or problem solving workshops or training.

Weekly Modules and Course Sequence
Week 1. Aug 26 **Education 3.0 and Strategy Review/Recap (R2D2 and TEC-VARIETY)**
Week 2. Sept 2 **Coop Learning Methods/Principles & Flipping the Class** (Read a creativity book)
Week 3. Sept 9 **Critical Thinking Defined and Explained** (Continue reading creativity book)
Week 4. Sept 16 **Critical Thinking Methods** (Read 2nd book) (**Due:** 2 papers from Task #2)
Week 5. Sept 23 **Creative Thinking Defined and Explained** (Continue reading 2nd book)
Week 6. Sept 30 **Creative Thinking Methods** (Read 3rd book or special journal issue)
Week 7. Oct 7 **Motivation Defined and Explained** (Continue reading 3rd book or special journal issue)
Week 8. Oct 14 **Motivation Theory and Techniques** (**Due:** Final papers and Presentations)

Required Materials (free): (2017). *Packet of Course Handouts*. (available **FREE as a PDF** in Oncourse)
　　And Free book. *Adding Some TEC-VARIETY (2014):* http://tec-variety.com/

10 Reasons why you might enroll:
1. **Relevancy and Impact:** The course addresses all educational sectors—K-12, higher ed, corporate, military, government, informal, nontraditional, etc.
2. **Best Practices:** The course has 5 modules filled with best instructional strategies and practices on motivation, creativity, critical thinking, cooperative/collaborative learning, and technology integration (taught in reverse order).
3. **Useful Ideas:** Everyone enrolled typically walks away with dozens of new instructional strategies and ideas as well as a plan on how and where they might implement them.
4. **Free Stuff:** The free packet of course handouts are based on over a quarter century of teaching this course. (Even those who do NOT sign up, can have my free book on online motivation and retention with more than 100 activities: Entire book: http://tec-variety.com/ or by chapter: http://tec-variety.com/freestuff.php. Nearly 100,000 people have downloaded this e-book since it was published in May 2014.)
5. **Easy to Understand Structure:** The course requirements are simple to understand—2 tasks are due at midterm (September 16) and 2 tasks are due at the end (October 14).
6. **Self-Directed:** All readings are student self-selected. There are no required books or required articles. Students select the books and articles that interest them. To reduce costs, I will bring dozens of optional and interesting books to class to loan out.
7. **Saturday Mornings:** The course is taught on Saturdays which is a day that tends to be more informal and engaging and fun. And it runs for just 8 weeks.
8. **Recorded Sessions:** R546 is recorded in case you happen to miss a class.
9. **Participant Diversity:** The students who sign up for R546 tend to come from around the world. Last year, it was like a mini United Nations meeting each week (i.e., of the nearly 40 people enrolled, auditing, or sitting in the course, most were from countries outside the USA and they represented more than a dozen different countries). In addition, we had great food each week from different members of the class.
10. **Award Winning Peers:** The past two years, more than a dozen award winning Fulbright teachers from countries like India, New Zealand, Finland, Morocco, Taiwan, Singapore, Israel, Botswana, and Mexico have audited the course and provided much inspiration and insightful teaching ideas each week. Many such Fulbright teachers will be visiting the School of Education at IU this fall and will be enrolled in the course this fall. Their expertise, enthusiasm, and energy will be apparent throughout the course. They are the top teachers/educators from their entire country selected from thousands of applicants. Needless to say, they are amazing!

The past three years have been really special experiences in R546; especially with the Fulbright teacher participants. I hope to see some of you in the course so that you can partake in a highly engaging and unique atmosphere. Feel free to write me with questions at cjbonk@indiana.edu.

Best wishes on your upcoming fall semester.

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Free e-Book (online motivation and retention): **http://tec-variety.com/**
New: MOOCs and Open Education Around the World: http://moocsbook.com/
The World is Open book: http://worldisopen.com/;
Personal Homepage: http://php.indiana.edu/~cjbonk;
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