New Course!
Spring 2011

ETAP 825
Creativity, Learning, and Knowledge Media
Wednesday 4:15:-7:05 PM, ED 120
Instructor: Professor Jianwei Zhang

Education in the 21st century needs to prepare students for a knowledge-based society in which knowledge creation and innovation pervades. What do we know about creativity and innovation? How can we bring knowledge-creating processes into the curriculum and classroom life? How should new technologies be designed and used to support creative learning and knowledge building? This course will explore these important issues based on the latest multidisciplinary research on creativity, knowledge innovation, and new learning designs supported by technologies. Advances in the related fields overturn some long-held beliefs about creativity (e.g., creativity being sudden flashes of insights in lonely genius) and highlight creativity and knowledge creation as sustained, social, collaborative, and knowledge-intensive processes. This new perspective enlightens social and cognitive conditions essential to knowledge-creating practices and learning models to enhance creative knowledge work in formal and informal learning contexts.

Main topics:

◆ Cognitive, sociocultural, and organizational perspectives of creativity and innovation;
◆ Emerging educational frameworks and initiatives to develop and assess creative knowledge processes across curricular;
◆ New knowledge media designed to support creative and collaborative knowledge work;
◆ Related challenges and research opportunities.

This new course is offered as an advanced seminar class for doctoral students. However, master’s students are welcome to register and will be give adapted assignments.

Please contact Dr. Zhang (jzhang1@albany.edu) for inquiries.