

COLLEGE OF SCIENCE AND TECHNOLOGY
COMPUTER SCIENCE AND INDUSTRIAL TECHNOLOGY

Grades 9-12

June 8, 2009 - June 16, 2009 (Friday off) 9 AM - 4 PM

6 Day Workshop- M-Th, M & Tu

This fun, high-energy, six-day hands-on workshop teaches participants the fundamentals of sketching and building parts and solid models using AutoDesk Inventor software. Throughout the workshop, participants will interact with design professionals to understand the design, creation and invention process. The second part of the workshop will be devoted to participants working in teams to develop and document a solution to a design problem. On the final day, participants will present their design solutions to a panel of experts, participants, family and friends.

Through a series of hands-on activities, participants will develop a basic understanding of AutoDesk Inventor software, the design/creation/invention and patent processes. Once in teams, participants will develop, document, and produce solid models and drawings of their solution to a design problem. Teams will present their work to a panel of experts. Each team's presentation and design solution will be posted online, along with samples of each individual's work. Each participant will bring home color copies of all activities and a video clip of their animation presentations.

Workshop participants will be guided through the design/creation/invention process using AutoDesk Inventor software, the newest, most powerful, and most intuitive solid modeling software.

Participants will interact with design professionals to learn about the profession and the patent process and learn to work within deadlines and project constraints.

Instructor: Dr. Michael Beauvais

Location: Hammond-Anzalone, Room 220

Cost: \$350

Registration deadline: 5/15/2009 4:30 PM

Late registration deadline: 5/29/2009 4:30 PM (\$25 late fee)



Dr. Michael Beauvais

Dr. Michael Beauvais, Assistant Professor at Southeastern, is a design professional with 30 years experience teaching and working with young people. He has a life time Louisiana class A teaching certificate in technology education. He has served as a design consultant on a variety of civic, industrial and professional projects. He is also certified to teach numerous industry-standard design software titles; but the most important qualification he brings to the workshop is his enthusiasm and passion for discovery and learning!

