**Name:** Ryan Meuth

**Education:**

Ph.D. Computer Engineering, Missouri University of Science and Technology, 2009

M.S. Computer Engineering, Missouri University of Science and Technology, 2007

B.S. Computer Engineering, Missouri University of Science and Technology, 2005

**Academic / Work Experience:**

*Lecturer, ASA and CIDSE, Fall 2013 – Present, Arizona State University, Tempe, AZ*

Course Coordinator for FSE100-CSE, ASU101-CSE, and Computer Systems Capstone

*Assistant Professor, Program Champion, Robotics and Embedded Systems, Fall 2009 - Fall 2013*

*University of Advancing Technology, Phoenix, AZ*

Instructor for Robotics and Embedded Systems degree program.

*PhD Graduate Research Assistant, 2005 – Fall 2009*

*Applied Computational Intelligence Laboratory Missouri University of Science and Technology, Rolla, MO*

Designed and implemented Mission Management Software for Boeing Vehicle Swarms

*Research Attachment, Spring 2008, Intelligent Systems Center, Nanyang Technical University, Singapore*

Developed Multi-Scale Memetic Algorithms for Autonomous Agent Evolution.

*Research Support Contractor, Summers 2006 – 2008, Boeing Phantom Works, Seattle, WA*

Designed Path Optimization and Task Allocation Algorithms for Adaptive Multi-Vehicle Search Area Coverage Optimization.

**ASU Courses Taught:**

ASU101 – ASU Experience

FSE100 – CSE – Introduction to Engineering for CIDSE

FSE394 – Transfer Success

CSE220 – Programming for Computer Engineering

CSE230 – Computer Organization and Assembly Language

CSE325 – Embedded Microprocessor Systems

CSE423/424 – System Capstone I/II

CSE438 – Embedded Systems Programming