

Frank C. Mayer
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Relevant Post-Secondary Teaching Experience

Faculty Associate, Arizona State University, Tempe, AZ, 2001-present

- Co-developed and implemented Internet course: Patterns in Nature
- Manage and facilitate on-line instruction
- Facilitated growth of current course enrollment from 200 to 400 students per semester
- Facilitated offering Summer semester Patterns in Nature course
- Developed, Implemented and Maintain Online Lab Enrollment System for Lab portion of course when existing system was not renewed
- Facilitate & Sole Instructor for hands-on lab portion of course in Tempe, AZ
- Co-facilitator for Patterns in Nature Workshop for South African Science teachers University of the Western Cape, Cape Town, South Africa, June 2000 & June 2001

Relevant Secondary Teaching Experience

Arapahoe School District 6, Arapahoe High School, Littleton, CO, 1993-2003

- Developed and instructed Advanced Placement (AP) Environmental Science course
- Maintained CU Gold requirements; students earned 4 credits from the Univ. of Colorado

Education

- Master of Science in Environmental Science, University of Colorado, Denver, CO, 1991
- Bachelor of Science in Conservation Education, Colorado State University, Fort Collins, CO, 1980

Occupational Record

22 years teaching Math and Science for the following School Districts:

- Steamboat Springs School District RE-2, Steamboat Springs, Colorado
- Arapahoe School District 6, Littleton, Colorado
- Douglas County School District, Castle Rock, Colorado

20 years implementing/teaching/facilitating/managing Internet & lab based Science course at Arizona State University, Tempe, AZ

ASU Student Involvement

- Multiple Student Athlete Recognitions as “Most Influential Professor” (2009 – present)
- Assisted former student with equipment (donation) and material for her program at a Romanian Shelter (2010)
- Spotlight in ASU State Press “Good Fortune Found in Patterns” (Fall 2012)

Professional Leadership

- School Accountability Committee (2004-2008)
- Technology Support Team Representative (2006-2008)
- Mentor Teacher (1996-2003)
- Technology Trainer: Train the Trainers Program (1999-2003)
- Supervisor for student teachers (1991, 1993, & 1996)
- Co-Department Chair, Science Department (1990-1993)

Grants and Awards

- Acquisition of Tabletop SEM device for ASU Lab Instruction (2018)
- Acquisition of Portable XRF device for ASU Lab Instruction (2012)
- \$40,000 Coca-Cola Grant for Science Computer Lab (1999)