

Jim McCue

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PROFILE: Results-oriented, self-directed, and enthusiastic teaching professional with a passion for helping students achieve their full potential. Background includes 2+ years of teaching and 24 years as a system engineer utilizing real-world math applications, on-the-job training of peers, and project management. Strengths include a flair for innovative process improvement, team leadership and a high caliber work ethic.

Teaching philosophy is focused on a three-pronged approach to mentoring students to success in math: First, students are expected to participate actively in class, with the requirement that they will maintain a math notebook for lecture notes and homework assignments, which enables them to master key math skills. Second, technology, such as math software and Internet research, needs to be incorporated into the regular math curriculum. Thirdly, quarterly projects help increase students' awareness of how math is integrated into everyday life.

Licensed to teach high school mathematics in both Idaho and Montana

EDUCATION

- B.S. in Mathematics, Grove City College, 1981
- M.B.A., Monmouth College, 1988
- Miscellaneous electronics courses, Burlington County College, 1994-1996
- High School Teaching Certificate, Northern Plains Transition to Teaching Program, 2005-2007
- Masters in Education pending Spring 2008, Montana State University

CAREER PROGRESSION & ACCOMPLISHMENTS

In every teaching position held:

GENERAL TEACHING SKILLS/EXPERIENCE:

- Prepared objectives and lesson plans for math courses, incorporating the use of technology where possible
- Designed, administered, and graded tests and homework; kept attendance and grade records
- Establish and maintain positive relationships with students, parents, and colleagues, fostering an environment of open communication and support
- Managed a diverse classroom population effectively
- Counseled students when adjustment and academic problems arose and conferred with parents

August 2007 to Present

Meridian Joint School District #2 (Meridian High School) Mathematics Instructor, Algebra, Geometry

- Teach algebra & geometry concepts to large (30+) student classes
- Customize standardized lesson plans, homework assignments & exams
- Participate in department curriculum planning & process improvement
- Act as student mentor in a Small Learning Communities program designed to facilitate a smooth transition through high school
- Collaborate weekly with other math teachers on teaching methods to improve learning outcomes

- August 2006 to June 2007 Clearwater Valley High School, Kooskia, ID
 Mathematics Instructor, Basic Algebra, Algebra I, Algebra II, Applied Math
- Built rapport with and respect of students by actively supporting their extracurricular activities
 - Participated in curriculum planning and implementation
 - Provided after-school tutoring to junior high students
 - Volunteered to help coach spring track team
- March 2006 to June 2006 Hellgate Elementary School, Missoula, MT
 Tutor
- Tutored an 8-year old with special needs, including Aspergers Syndrome and ADHD
 - Piloted an innovative hands-on visual/physical learning approach
- October 2005 to June 2006 Sentinel High School, Missoula, MT
 Math Teacher, Integrated Math 2 & Math Topics
- Achieved a smooth classroom transition when hired 6 weeks into the school year
 - Managed classroom effectively for positive learning outcomes
 - Incorporated the use of technology in lesson plans, including having students do Internet research, use of TI graphing calculator, and Geometers Sketchpad
 - Facilitated a current 75% passing rate for a group of students who had previously failed Integrated Math 2 with other teachers
- 1981 to 2005 **SYSTEM ENGINEERING BACKGROUND**
 Over the course of 24 years, participated in and led system engineering teams involved in integrated large-scale government projects, including the Aegis Weapons System for the Navy and various computer hardware and software upgrades and installations for the Federal Aviation Administration. Achievements included:
- Coordinating and leading small teams to meet specific technical requirements
 - Developing and implementing test procedures
 - Designing innovative support solutions for line staff
- November 2000 to August 2005 LOCKHEED MARTIN, Moorestown, NJ
 System Engineer & Integrated Project Team Leader
- 1996 to 2000 JOSEPH SHEARS ASSOCIATES (JSA), Medford, NJ
 1990 to 1996 ATLANTIC SCIENCE & TECHNOLOGY (AS&T), Cherry Hill, NJ
 Contract System Engineer Assigned to the FAA, Atlantic City, NJ
- 1981-1990 RCA/GE, Moorestown NJ
 System Engineer, Navy's AEGIS Project, Weapon Control System (WCS)
- SPECIAL RECOGNITION**
- Recognized for excellence in engineering support for shock trial testing of Navy Aegis destroyer, DDG-81 (USS Winston S. Churchill)
 - JSA Innovator of the Year, 1998, for conception and design of the network hardware and cabling diagrams at twenty en-route centers
 - Received 10 letters of appreciation from en-route center personnel as a result of the installation of hardware diagrams (available upon request)