

DEBRA SUE DORR

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EDUCATION

- **Master of Education**, Educational Media and Computers
Arizona State University, Tempe, AZ
- **Master of Arts, Theology**, In Progress
University of San Francisco, San Francisco, CA
- **Bachelor of Science**, Cum Laude, Industrial Technology with an emphasis in
Interactive Computer Graphics
Arizona State University, Tempe, AZ
- **Associate of Applied Science** with Distinction, Architectural Drafting
Phoenix College, Phoenix, AZ
- **Certificates of Completion**, Computer Aided Drafting and Architectural Drafting
Phoenix College, Phoenix, AZ
- **National Institute for Leadership Development (NILD) Leaders Program**
- **Chair Academy – Leadership Program**, Denver, CO

TEACHING EXPERIENCE

- **Architectural Drafting and CAD Instructor**, Phoenix College Department of
Industrial Technology, Phoenix, AZ
Fall 1996 to Present
Residential Faculty member teaching Architectural Drafting and Computer Aided
Drafting/Design curriculum. Courses taught include: Introduction to Architectural
Drafting, Residential Architectural Drafting, Commercial Architectural Drafting,
Structural Steel Detailing, Landscape Architectural Drafting, Site Planning and Land
Development, Computer Aided Drafting: AutoCAD I, II and III, Architectural Desktop,
Architectural Animation - 3D Studio VIZ, Strength of Materials, Building Trades
Blueprint Reading

- **Technical Drafting Instructor**, Mesa Community College Technology Department
Mesa, AZ
Spring 1996 semester
Adjunct Faculty member. Taught Technical Drafting II, III and IV and Computer Aided Drafting: AutoCAD
- **Architectural CAD Instructor**, ITT Technical Institute - Phoenix, AZ
Summer 1995 to Spring 1996
Full-time Faculty member. Taught Architectural CAD curriculum, Algebra, Geometry and Trigonometry

SOFTWARE KNOWLEDGE

- AutoCAD 9 – 2004
- Architectural Desktop 2004
- 3D Studio VIZ/MAX
- Sketch-Up
- Microsoft Office – Word, Excel, Powerpoint, Project
- Adobe Photoshop
- Dreamweaver

ADMINISTRATIVE EXPERIENCE

Department Chair, Industrial Technology - Phoenix College, January 2002 to August 2004

Responsibilities:

- Managing programs in Architectural Drafting, Building Safety and Construction Technology, Civil Engineering Technology, Computer Aided Drafting, Construction Management, Surveying Technology and Welding, and Articulation Transfer Partnerships with Arizona State University in Construction, Housing and Urban Development
- Hiring, supervising, and evaluating the department full-time and adjunct instructors, support staff and student workers
- Advising students in the department programs
- Reviewing graduation applications
- Managing the department budget
- Developing and modifying department programs
- Managing the department CAD computer lab hardware and software
- Purchasing department supplies
- Developing the department schedule of classes
- Reviewing and selecting textbooks for all department classes
- Conducting the five year program evaluations for all department programs
- Marketing the department programs to business and industry
- Maintaining the department website
- Participating on campus committees

Program Director - Phoenix College, August 1996 to Present

Responsibilities:

- Advising students in the department programs
- Reviewing graduation applications
- Coordinating and scheduling day and evening classes
- Hiring, supervising and evaluating all adjunct drafting instructors
- Reviewing and selecting textbooks for all department classes
- Developing and modifying curriculum
- Working closely with the Department Chair in managing the Industrial Technology department budget
- Scheduling and chairing department Advisory Committee meetings
- Member of Maricopa County Community College District Drafting Instructional Council and the Applied Technology Instructional Council

COMMITTEE ASSIGNMENTS

- Current membership: Phoenix College Faculty Senate – Zone 2 Senator, Commencement Committee, ADA Safety Committee, Strategic Planning Council
- Past membership: Phoenix College Facilities Master Planning Council, Chair Caucus, Staffing Committee – Chair one year, Member three years

CURRICULUM DEVELOPMENT

- Currently revising the Architectural Drafting, Building Safety and Construction Technology, Civil Engineering Technology programs
- Currently developing a new certificate program in 3D Architectural Animation with department faculty
- Developed an associate of applied science and certificate of completion program in Surveying Technology with department faculty
- Developed certificates of completion in Construction Management and Welding
- Developed articulation transfer partnership degrees in Construction Management and Housing and Urban Development with Arizona State University
- Modified the Architectural Drafting, Building Safety and Construction Technology, Civil Engineering Technology, Computer Aided Drafting and Welding program curriculums to bring them up-to-date with industry standards

- Developed a computer animation course, DFT262 3D Architectural Animation, which utilizes 3D Studio VIZ software
- Developed an architectural CAD course, DFT257AD Architectural Desktop

PRESENTATIONS

- Developed and presented a multimedia presentation to the 2001 League for Innovation Conference on Information Technology in Minneapolis, Minnesota in November 2001. The presentation “Using Technology to Reach an Underrepresented Student Population” focused on using the Internet to reach out to women interested in a career in construction and provided a support base to this underrepresented population in the construction field.
- Developed and presented a multimedia presentation to the Western Regional chapters of the National Institute of Steel Detailers NISD in Anaheim, California in October, 1997, to the Arizona Chapter of the National Institute of Steel Detailers NISD in Mesa, Arizona in February, 1998, to the Board of Directors of the American Institute of Steel Construction AISC in Chicago, Illinois in May, 1998 and to the International Conference of the National Institute of Steel Detailers NISD in Las Vegas, Nevada in June, 1998. The presentation “Structural Steel Detailer Training” focused on the proposed creation of a series of training videotapes for the structural steel detailing industry to assist in quickly training drafters in steel detailing to help fill a shortage of employees in this field. Received a two-year, \$231,000 grant to fund the development of the videotape training series.

PROFESSIONAL WORK EXPERIENCE

- **Facilities Planning**, Phoenix College, 1995 to 1996. Design/development of construction documents for campus renovation projects and coordination of interior finishes. Supervision of student workers performing CAD drafting services for the Facilities office
- **Freelance Residential Designer/Drafter**, 1992 to 1995. Designed and drafted custom residential homes
- **Admissions and Records Clerk**, Phoenix College, 1993 to 1995. Registered students for classes and processed transcript requests
- **Administrative Assistant to the Executive Assistant to the President**, Phoenix College, 1990 to 1992. Performed secretarial responsibilities and assisted in preparing documentation and presentations related to the Phoenix College Master Plan
- **Sales Associate**, Payless Cashways Lumberyards, Mesa, AZ, 1988 to 1990. Sold lumber and building materials and provided estimates for contractor projects

PROFESSIONAL/COMMUNITY SERVICE

- Phoenix College Alumni Association Board of Directors
- Member of Phi Theta Kappa International Honor Society - Rho Pi chapter and Delta of Arizona alumni chapter
- Eucharistic Minister and Lector at Queen of Peace Catholic Church, Mesa, AZ
- Member of St. Genesius Performing Arts Troupe
- Blood Donor at United Blood Services

RECOGNITION/ACHIEVEMENTS

- Who's Who Among America's Teachers – 2005, 2004, 2000
- Arizona Regents Scholar - Arizona State University
- Dean's List - Arizona State University
- Lifetime Arizona Community College Teaching Certificate in Architecture, Educational Technology and Computer Information Systems

REFERENCES

Jesse D. Mireles, Ed.D.
Chairman/Faculty
Department of Industrial Technology
Phoenix College
1202 W. Thomas Road
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