

Mariea Sargent
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OBJECTIVE: Drafting and Design Instructor position at Erie County Technical School.

SUMMARY:

- Degree in Mechanical Drafting and Specialized Computer Aided Drafting & Design.
- Over 11 years Plastic Injection Mold Design and Presentation Drafting experience.
- Drafting and CAD Instructor for 17 years.
- Several years experience teaching "at risk" Alternative Education and Special Education students.
- Trained in applying PA State Standards and Rigor & Relevance principles to curriculum.
- Director of Curriculum for PA Career & Technical Drafting Educator's Association (PACTDEA)

EXPERIENCE: Drafting & Design CADD Instructor

Teaching Duties:

- Manage a classroom of students in different levels of study
- Create, update and present curriculum
- Facilitate the re-certification of ADDA approved curriculum
- Modify material for IEP students
- Grading/Attendance management
- Procure supplies and software updates
- Arrange educational field trips
- Participate in faculty meetings
- Budget management
- Cooperation with IT department
- Discipline/parent/office interaction
- Coordinate Bi-annual Occupational Advisory Committee meetings
- Teach AutoCAD, Inventor software, Board Drafting in Basic & Advanced Classes
- Provide specialized instruction to **Adult** students in a custom developed program to meet their company's particular requirements

School	Date	Student Age
Erie County Technical School	1995 – present	<i>Middle School - Adult</i>
• Long Term High School Drafting & Design Substitute Instructor — 2004 - present. • Substitute High School Drafting & Design Instructor - 10 years – part time • High School Student Instructional Aide - 10 years – part time • RCTC Adult Instructor - 10 years – part time as needed • Alternative Middle/High School Education Instructor – 3 years teaching summer & after school programs		
Penn State Behrend	2004 – present	<i>Adult</i>
• <i>Center for Corporate & Continuing Education</i> – AutoCAD & Blueprint Reading Instructor		
CamTECH	2001 – 2003	<i>Adult</i>
• AutoCAD & Inventor Instructor		
North West Industrial Resource Center	1994 – 2001	<i>High School – Adult</i>
• East High School AutoCAD / Tool & Die Program Instructor for senior students. • Provide 45-48 hour/3 credit AutoCAD courses to <i>Adults</i>.		
Edinboro University	1996 – 1998	<i>Adult</i>
• <i>Continuing Education Department</i> - AutoCAD Instructor - <i>College Students</i> enrolled through local businesses.		
Triangle Tech	1989 – 1998	<i>Adult</i>
• <i>Mechanical Drafting & Design Department I</i> 1989 – 1991 full time Instructor in Associate Degree Program, 1991 –1998 part time night class and substitute daytime instructor		
Private Contract AutoCAD Tutor	1990 – present	<i>Adult</i>
• Provide private customized AutoCAD tutorial courses to companies requiring individualized training.		

EXPERIENCE: Plastic Injection Mold Designer

Suburban Tool & Die 1986 – 1989

- Trained under senior engineer to gain plastic injection mold design experience
- Utilized manual board drafting and computer-aided drafting techniques
- Provided complete mold designs
- Interfacing with clients and shop personnel throughout the design process
- Reviewed and recommended product design changes to customer

Drafting & Design Subcontractor 1990 – present

- Plastic Injection Mold designs
- Presentation drawings
- Prototype drawings and models provided to various companies

EDUCATION:

Triangle Tech Erie, PA – 1986 **Associate Degree** – 3.95 QPA
Mechanical Drafting & Specialized Computer-Aided Drafting Technology.

Harbor Creek High School – 1985 Diploma – 3.4 G.P.A
College Prep Courses, 4 years Drafting

C.B.T.A. – Classroom Based Teaching Assessments – Completed 16 Modules reaching Level II during employment at Triangle Tech.

Certificate Courses:

Autodesk – 2006

- *Architectural Desktop* Software Training.
- *Yearly AutoCAD Design Academy* Update classes.

Parametric Technology Corporation – 2005

- *Pro Desktop “Train the Trainer”* Pennsylvania Pilot program; *45 hour course.*
- *Pro Engineer 3D Solid Modeling* Software Training; *45 hour course.*

CAMtech – 2003

- *Inventor 3D Solid Modeling* Software Training; *45 hour – 3 credit course.*

North West Industrial Resource Center – 1998 – 2002

- *Mechanical Desktop* Software Training; *45 hour – 3 credit course.*
- *Smart Works* Software Training; *45 hour – 3 credit course.*

ACTIVITIES:

- Director of Curriculum for PA Career & Technical Drafting Educator's Association (PACTDEA)
- Member of the ECTS Technology Department Strategic Planning Committee
- Member of AUGI – Autodesk User Group International
- Skills USA VICA committee member
- ECTS Graduation committee member
- 2006 Technical Education Delegate to Erie's sister city Zibo, China