

Catherine L. Dignazio
3689 Garnet Mine Road
Garnet Valley, PA 19060
610-358-3334

OBJECTIVE: To obtain a teaching position in a CTE or secondary educational institution.

EDUCATION/TRAINING:

Master of Science, Teaching, Learning, and Curriculum – Drexel University, Philadelphia, PA

Bachelor of Science, Chemical Engineering - Drexel University, Philadelphia, PA.

Lean Sigma Black Belt - Pennsylvania College of Technology, Williamsport, PA

Foundations in Project Management; PMP Certification Review - Villanova University

Continuing Studies, Villanova, PA

PROFESSIONAL CERTIFICATIONS:

- PA Department of Education: Instructional II Certification in Secondary Mathematics 7-12
- PA Department of Education: Instructional II Certification in Technology Ed PK-12
- PA Department of Education: Related Occupational Area Certification in Electronics Technology 7-12

PROFESSIONAL/TECHNICAL SKILLS SUMMARY:

Teaching Experience

- Electronics, Engineering & Robotics Instructor at the Southern Chester County Technical College High School
- Instructor for the Penn College NOW Program

Corporate Training Experience

- Responsible for the development, implementation, and execution of a company-wide and international training programs.
- Responsible for conducting and presenting on-going training programs.

Engineering Skills

- Piping & Instrumentation Diagram development skills.
- Experience with potent compound pharmaceutical finishing process design, including specifying equipment for operator safety and potent compound isolation.
- Experience with sizing pharmaceutical plant equipment, safety devices, and systems.
- Experience designing Clean In Place systems for use in a pharmaceutical facility.

Six Sigma

- Process development and improvement experience.
- Experience developing DOE's (Design of Experiment) for process improvements.

Laboratory Skills

- Analytical and mechanical laboratory skills.
- Development and design of testing methods for plastics.

QA/QC Experience

- Experience training auditors for auditing to FDA and internal corporate policies and procedures.
- Quality Engineering/Management experience.

Professional Awards

- 2009 William S. West Excellence Award, Bulk Container Product Development Team Contributor.
- Merck Excellence Award, individual contributor, 2004.
- Merck Excellence Award, GMP QA Computer Validation Team Contributor, 2005.

EXPERIENCE:

9/2016 – present

Pennsylvania College of Technology, Williamsport, PA

Instructor for the Penn College NOW Program

Teach college electronics curriculum to high school students for college credit.

11/2011- present

Chester County Intermediate Unit (CCIU), Downingtown, PA

Electronics, Engineering, & Robotics Instructor

The Southern Chester County Technical College High School at Pennock's Bridge

West Grove, PA

5/2013 - present

Developed program curriculum, lesson plans, and student assessments. Collaborate with special education teachers concerning students with IEP's and implement appropriate SDI's.

Substitute Teacher

11/2011 – 5/2013

Substitute service includes three school districts (West Chester Area, Coatesville, and Owen J. Roberts) and all CCIU classrooms and programs.

9/2012 – 12/2012

Lionville Middle School, Downingtown School District, Exton, PA

Student Teacher - 7th Grade Mathematics

Experience included teaching three math courses – 7th Grade Math, Pre-Algebra, and Algebra I.

1/2012 – 5/2013

Substitute Teacher Services (STS), Media, PA

Substitute Teacher

Substitute teacher for Red Clay School District in Delaware. Assignments include grade school, middle school, and high school.

5/2011 – 5/2013

Ridley School District, Ridley, PA

Substitute Teacher

Middle School and High School assignments for Mathematics, English, History, and Behavior Support.

1/2007 – 12/2010

West Pharmaceutical Services, Lionville, PA

Quality Engineer - Delivery Systems Division Quality Assurance

2009-2010

- Quality Assurance and Quality Engineering support for Delivery Systems Division.

R&D Process Validation Engineer

2007-2009

- Process validation support for new products and processes.
- 2009 William S. West Excellence Award, Bulk Container Product Development Team Contributor.

EXPERIENCE (continued):

6/2003 –12/2006

Merck & Company, West Point, PA

Computer Validation QA Associate –GMP Quality

- Lead auditor for internal computer/control systems' audits and software vendor audits.
- Merck Excellence Award, individual contributor, 2004.
- Merck Excellence Award, GMP QA Computer Validation Team Contributor, 2005.

4/2001 – 5/2003

West Pharmaceutical Services, Lionville, PA

QA Validation Engineer

- Lead QA validation representative for various drug delivery and/or device projects.

6/2000 - 4/2001

Automation and Validation Solutions

Contract Validation Engineer onsite at McNeil Consumer Products, Fort Washington, PA

- Responsible for coordinating validation timeline and resources needed to support validation project including protocol execution.

REFERENCES

Available upon request.