

# Russell J. Beaulieu, B. S.

299 North Bonsall Road · Coatesville, PA 19320 · (610) 466-7081 · [rjgpa@verizon.net](mailto:rjgpa@verizon.net)

---

**OBJECTIVE:** Lead students through Public Education for development of Technological Literacy following the Standards set forth in the International Technology Education Association framework.

## **QUALIFICATIONS:**

- Technology Education & Industrial Arts K-12 Certified k-12 PA, NJ, and MD Grades 7-12.
- Successful leadership Teaching experiences in Middle Schools, Jr and High Schools.
- Developed individual Learning Activities for Middle Schools using Math & Science proficiencies.
- Provided innovative Teacher Seminar's for colleagues throughout the State of NJ in applications of The Problem Solving Process (Engineering/Design) in Technology Education.
- Implemented a Middle Schools AT&T and American Association for the Advancement of Science Grant with an active Scientist in simple physics with hands-on Physical Science in (seventh grade TE).
- Provided appropriate direction and leadership for a pilot Middle Schools curriculum structure in Hamilton Twp. Schools.
- All required background check documents available: FBI Registration ID: PAE08C9D41482960 12/17/2008, Pennsylvania Child Abuse History Clearance-12/18/2008, PA State Police Response for Criminal Record Check-12/22/2008, and Mantoux/Tuberculin test 3/12/2009.

## **EDUCATION:**

- **Trenton State College**  
**Bachelor of Science – Industrial Arts Education, May 1973**
- **The College of New Jersey**  
**Graduate Credits – Technology Education 30 SH w/Comprehensive Exam-Pass**
- **George Washington University – Computer Science in Education, 2 Graduate Credits as AT&T/American Association for the Advancement of Science Grant, August 1990.**
- **Millersville University**  
**State of PA, Dept of Education - Governor's Institute on Technology Education**  
Earned 115 Act 48 Points/2 Graduate Credits April 2009.
- **Praxis Exam- Technology Education –Pass 650, March 2007**
- **Praxis Exam- Leadership: Administration & Supervision – 2009**
- **Penn-Foster College, AutoCAD 08, Middle States Accredited Course of Study, on-line-08**

## **CERTIFICATIONS/SKILLS:**

- Certified Technology Education & Industrial Arts Teacher K-12, PA Certification # 06620439  
Earned 115 Act 48 Points/2 Grad Credits, PA Dept of Ed-2007
- Certified Industrial Arts Education Teacher K-12 State of NJ Certification # 140443043-1973
- **Certified Technology Education Teacher 7-12 State of Maryland -2013**
- Certified Welding Instructor-State of NJ, Dept of Ed, Division of Vocational Education -1973
- Certified Driver's Education-State of NJ-1973
- Inventor09 Autodesk Workshop-8 Act 48 Points Synergis Corp – 2009
- Autodesk Boot Camp California University-60 Act 48 Points Synergis Corp-2009

## **PROFESSIONAL TEACHING ACCOMPLISHMENTS:**

- Successful Grant implementation for Middle School Telecommunications Technology Program utilizing AAAS and an active Scientist congruent curriculum lessons directed toward the new technological literacy Standards (ITEA) for simple physics in Technology Education.
- Created a **Middle Schools Technology Fair** for Hamilton Twp Public Schools as an evening event open to the public, student Design/Engineering Competitions w/Aerodynamics, Electronics, Design Problem

Solving, Speed Calculations, Computer Simulations, Craftsmanship Competition, and Curriculum knowledge base "**Tech Bowl**" student competition between all three Middle Schools Student created Teams.

**PROFESSIONAL TEACHING ACCOMPLISHMENTS CONTINUED:**

- Classroom visitations by two New Jersey State Assistant Commissioner's of Education, The College of New Jersey, NJ State Board of Education Members and other educator guests for first hand observations in a Middle School Technology Education Program.
- Skilled at developing 7<sup>th</sup> & 8<sup>th</sup> grade Technology Education curriculum with knowledge based teaching Energy, Transportation, Manufacturing, Inventions, Problem Solving Process (Engineering/Design) Applications of CADD drawing skills for school-to-work preparations.
- Awarded **Technology Teacher of the Year** in New Jersey 1988.
- Awarded **Vocational Educator of the Year** in New Jersey 1988.
- Provided seminars for other colleagues throughout State of NJ in classroom applications of the **Engineering Design Process** at The College of New Jersey, Technology Education Association of NJ, Hamilton Twp Public Schools, and Rowan University.
- Community services volunteer Mentor with VEX, FIRST Robotics for local school students in Autonomous Programming and Remote at Downingtown HS West.
- Elected **Executive Treasurer** for TEANJ Teacher's 1988-90.
- Presently an active **Substitute Teacher** with **STS Substitute Teaching Services** throughout Chester County Public Schools (Media, PA)

**MANUFACTURING/ Work EXPERIENCES:**

- 2009 to Present - STS Substitute Teacher Service, Media, PA, (610)566-6466
- 2008 - Synerfac Technical Staffing, Malvern Office, Omega Design Assignment (302)324-9285 Manufacturing Technician
- 2007 to 2008 - Tesla Industries, New Castle, DE, (302) 324-8910 Manufacturing Technician
- 2006 to 2007 - AMS Auger Manufacturing Systems, Honey Brook, PA, (610) 942-4200 Manufacturing Technician
- 2006 - Freightliner Truck Dealership, Lancaster, PA (717) 581-3480 Transportation Safety Inspector
- 2003-2005 - M&P Custom Design, Kennett Square, PA (610) 444-0244, Manufacturing Fabricator
- 2002 - 2006 - Chester County Parks & Recreation (Springton Manor) Glenmoore, PA (610) 942-2450 Self-Employed Contractor
- 1973 - 2002 - Hamilton Twp Public Schools, Hamilton, NJ (609) 631-4100x3072 Teacher

**MILITARY EXPERIENCES:**

- **United States Coast Guard Reserve** – Small Boat Engineer, Federal Boarding Officer, Olympic Task Force, Desert Shield/Storm, DD-214, Atlantic Strike Team, 20 yr retirement 77-97.

**PROFESSIONAL AFFILIATIONS:**

- **ITEA** International Technology Education Association
- Technology Education Association of PA, **TEAP**
- Technology Education of NJ, **TEANJ**
- Millersville University
- Pennsylvania Dept of Education-PAEducators.net, PAREAP
- Academy of Model Aeronautics
- First Robotics VEX Downingtown, PA
- West Chester RC Aviation Club

**REFERENCES AVAILABLE UPON REQUEST**