

# CRYSTAL L. COLLIER

## CERTIFICATION

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Rules 2002, Secondary and Middle School Mathematics 2011 – 2016

## EDUCATION

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**M.A.T., Secondary Mathematics** Indianapolis, IN 2011 – 2013  
University of Indianapolis

**B.S., Actuarial Science** Tallahassee, FL 1997 – 2001  
Florida A & M University

## TEACHING EXPERIENCE

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**Associate Adjunct Professor - Mathematics** Indianapolis, IN 2018 – 2020  
University of Indianapolis

- Taught Finite Math and General Education Mathematics Courses
- Evaluated, observed, and graded a variety of assignments to determine student achievement
- Worked with other faculty to identify specific methods to increase achievement

**Adjunct Professor** Indianapolis, IN Fall 2015  
University of Indianapolis

- Instructed Pre-service Math teachers on best practices for classroom management and engagement
- Evaluated, observed, and graded a variety of assignments to determine teacher readiness
- Worked with Pre-service teachers to identify specific methods to increase engagement

**Mathematics Teacher** Indianapolis, IN 2012 – 2016  
Ben Davis University High School

- Ben Davis University Teacher of the Year: 2014
- Taught Algebra 2 (Inclusion), Pre-Calculus, and Advisory
- Presented bi-monthly Professional Development units to faculty on various topics (e. g. Cultural Competency, Student Assessment, and Project Design)

**Summer School Teacher** Indianapolis, IN Summer 2012  
Lutherwood Academy

- Taught basic math and algebra skills to at-risk youth
- Designed and implemented an summer program consisting of Math and Career/College Preparation
- Assisted students with preparation for the Algebra ECA

**Student Teaching** Indianapolis, IN 2011 – 2012  
Ben Davis University High School  
Harshman Middle School  
Indianapolis Metropolitan High School

- Supported Algebra II instruction by providing in-class assistance and remediation to small groups of students during learning activities
- Designed and implemented a Project Based Learning Unit featuring math standards and financial literacy
- Co-taught a weekly Algebra ECA remediation course
- Provided 1-on-1 instruction and assistance to various students in 7<sup>th</sup> grade Math and Algebra I

**Adjunct Faculty** Lafayette, IN 2009 – 2011  
Ivy Tech Community College

- Taught Basic College Mathematics, Beginning Algebra, and Introduction to College Algebra
- Planned lessons in accordance with the provided pacing guide, tutored students outside classroom hours when appropriate, and worked to maintain a positive environment for student learning in assigned classes
- Assisted students with coursework outside of school hours in person, via email, or through materials posted to the school's Blackboard interface

#### **ADDITIONAL EMPLOYMENT HISTORY**

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**Manager – Underwriting Assistants Group** Indianapolis, IN 2016 – 2018  
Protective Insurance

- Developed Underwriting assistants to prepare them for underwriting roles with a variety of training activities and growth opportunities
- Managed the transition of external customer contact from the sales to the underwriting group
- Expanded the Underwriting Assistant Team from 4 to 25 associates in alignment with companywide expansion effort overseeing all aspects of hiring, training, and professional development

**Personal Banker - Lending Specialist** Lafayette, IN 2007 – 2009  
CharterOne Bank/Old National Bank

- Serviced customer accounts by processing transactions and opening new accounts as needed
- Resolved issues and answered questions related to general banking and specific customer accounts
- Developed new accounts through marketing to in-store prospects and at local businesses

**Associate Underwriter** Chicago, IL 2004 – 2007  
AXA Art Insurance Corporation

- Reviewed, set up, and rated prospects, renewals and endorsements within the company database
- Involved with month end close activities including account reconciliations and accounts receivables processing
- Developed Midwest territory through marketing events and relationship building with brokers and client

**Account Underwriter** Park Ridge, IL/Parsippany, NJ 2002 – 2004  
Affiliated FM Insurance

- Assessed the risk assumed by insuring various commercial properties by evaluating reports
- Coordinated with brokerage firms to pursue new prospects and professional relationships
- Expanding the Mid-Atlantic territory from \$50,000 to \$200,000 + of booked premium

Lincoln Auto Insurance

- Created and maintained the database of insureds and coverages
- Determined the proper insurance coverage and rates for prospective clients based on risk assessed
- Resolved client issues by acting as a liaison between the insurance companies and customer service

**PROFESSIONAL PUBLICATIONS**

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- Contributing Author (2018) Rigor, Relevance, and Relationships: Making Mathematics Come Alive with Project-based Learning. Jean Lee-Enrique Galindo - National Council Of Teachers Of Mathematics
- Lee, J., & Collier, C. (2015). *Designing Rubrics for Project Based Learning* [Video]. Sage Video Tutorials.
- Lee, J., & Collier, C. (2015). *Preparing a Unit for Project Based Learning* [Video]. Sage Video Tutorials.
- Lee, J., & Collier, C. (2015). *Secondary Math* [Video]. Sage Video Tutorials.
- Collier, C. & Gardner, L. (2013, spring). Teaching Exponents and Logarithms in the Context of Buying a Car. *Indiana Mathematics Teacher*, 1 – 6.

**PROFESSIONAL PRESENTATIONS**

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- Collier, C., Lee, J. (2014, October). *Pimp My Ride: Project-Based Learning (PBL) In Action*. Presented at National Council of Teachers of Mathematics Regional Conference, Indianapolis, IN.
- Panelist (2014, April). *Educators in Charge: What Educators Want From Classroom Technology*. ASU-GSV Summit, Scottsdale, AZ
- Collier, C., (2013, October). *The Blank Worksheet Workshop*. Presented at Indiana Council of Teachers of Mathematics, Indianapolis, IN.
- Lee, J., Collier, C. (2012, October). *Pimp My Ride: An Algebra 2 PBL Unit*. Presented at Indiana Council of Teachers of Mathematics, Indianapolis, IN.
- Lee, J., Bruner, B., Collier, C., & Sierveld, S. (2011, November). *Effectively Starting and Closing a Lesson with Meaning: Making the Connection*. Presented at Indiana Council of Teachers of Mathematics, Indianapolis, IN.