

# MELINDA CASSEL

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My career objective in mathematics education is to work with students of all levels of ability in mathematics, bringing each one to the next level throughout an entire course. My goal is to achieve this in a way that complies with curriculum requirements yet also relates to the individual student's level of ability. In a college setting it is especially important to help and support students reach their academic goals. As a facilitator in a mathematics classroom, my objective has been achieved by incorporating the appropriate use of technology as a tool (not a crutch), differentiation of instruction when needed and use of reading strategies and teamwork to encourage students to work independently and cooperatively.

## EXPERIENCE

### **DATES FROM AUGUST 2000 TO PRESENT**

#### **SECONDARY MATHEMATICS TEACHER, CADDO PARISH SCHOOLS**

I have taught at three high schools in Caddo Parish: Southwood High School (Aug 2000 – May 2005); Captain Shreve High School (August 2005 – May 2014); and Caddo Parish Magnet High School (August 2014 – present). I have taught Algebra I, Geometry, Algebra II, and Advanced Mathematics under the leadership of Mrs. Kathryn Gallant, Dr. Sandra McCalla, and Mr. Michael Ilgenfritz. I have taught dual enrollment courses through LSUS since 2013.

### **DATES FROM AUGUST 2018 TO PRESENT**

#### **ADJUNCT, BOSSIER PARISH COMMUNITY COLLEGE**

I have taught Development Mathematics (night classes) and College Algebra (summer class).

## EDUCATION

### **DECEMBER, 2016**

#### **MASTER'S OF EDUCATION, LOUISIANA STATE UNIVERSITY, SHREVEPORT, LA.**

Curriculum and Instruction, Specialty in Secondary Mathematics Education

### **DECEMBER, 1993**

#### **BACHELOR OF SCIENCE, NICHOLLS STATE UNIVERSITY, THIBODAUX, LA.**

Secondary Mathematics Education

## SKILLS

- Communication of mathematics skills
- Establishing and maintaining a positive learning environment
- Tutoring one-on-one to help students
- Appropriate use of technology
- Supporting departmental goals
- Meeting deadlines within the department

## ACTIVITIES

- SUMMER 2000 – LASIP TRAINING, NICHOLLS STATE UNIVERSITY, THIBODAUX, LA
- SUMMER 2002 – DEEPER UNDERSTANDING IN MATH (LASIP), LOUISIANA TECH, RUSTON, LA
- SUMMER 2002 T<sup>3</sup> REGIONAL CONFERENCE, DALLAS, TX
- FEBRUARY 2003, T<sup>3</sup> REGIONAL CONFERENCE, HOT SPRINGS, AR
- SUMMER 2004, INTECH PARTICIPANT, CADDO PARISH TEACHER TECHNOLOGY CENTER, SHREVEPORT, LA
- SUMMER 2004 AND 2005, INTECH PRESENTER, CADDO PARISH TEACHER TECHNOLOGY CENTER, SHREVEPORT, LA
- FALL 2004, MENTOR TEACHER TRAINING, LOUISIANA TEACHER ASSESSMENT, CADDO PARISH SCHOOL BOARD, SHREVEPORT, LA
- FEBRUARY 2005, T<sup>3</sup> REGIONAL CONFERENCE, HOT SPRINGS, AR
- SUMMER 2005-SPRING 2006 LASIP: REAL WORK CONTEXT FOR THE INTEGRATION OF SCIENCE AND MATH, LOUISIANA TECH, RUSTON, LA
- 2005 -- 2014 ADVANCED MATHEMATICS AND GEOMETRY TEACHER, CAPTAIN SHREVE HIGH SCHOOL, DR. SANDRA MCCALLA, PRINCIPAL
- 2012 – 2014, DUAL ENROLLMENT FOR LSUS, COLLEGE ALGEBRA VIA ADVANCED MATHEMATICS AT CAPTAIN SHREVE HIGH SCHOOL
- 2005 – 2014 SENIOR CLASS SPONSOR, CAPTAIN SHREVE HIGH SCHOOL, SHREVEPORT, LA
- 2009-2014 MU ALPHA THETA SPONSOR, CAPTAIN SHREVE HIGH SCHOOL, SHREVEPORT, LA
- SPRING 2012 – FALL 2016, ME, CURRICULUM AND INSTRUCTION, SPECIALTY IN MATHEMATICS
- FALL 2015-FALL 2016, MATHEMATICS ADJUNCT, BPCC, AT LSUS
- FALL 2015-SPRING 2017 MATH CIRCLE, LED BY DR. JUDITH COVINGTON, LSUS
- FALL 2011 – SPRING 2015, ACT INSTRUCTOR, CONTINUING EDUCATION, LSUS
- 2014 – PRESENT DUAL ENROLLMENT FOR LSUS, COLLEGE ALGEBRA VIA ALGEBRA II AT CADDO MAGNET HIGH SCHOOL
- FALL 2018 – PRESENT ADJUNCT, BPCC, DEVELOPMENTAL MATH AND COLLEGE ALGEBRA