

**William Vanderzyden**  
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## **EDUCATIONAL EXPERIENCE**

**University of Texas of the Permian Basin, M.A.** Odessa, Texas (2016)  
Mathematics

**University of Houston, B.S.** Houston, Texas (2004)  
Mathematics

**Houston Community College, A.S.** Houston, Texas (2001)  
Mathematics

## **PROFESSIONAL TEACHING EXPERIENCE**

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| August 2017 – present   | <p><b>Assistant Professor of Mathematics</b>, Odessa College, Odessa, Texas</p> <ul style="list-style-type: none"><li>• Responsible for generating course syllabi and facilitating student academic progress in developmental and undergraduate math courses</li><li>• Organized and developed master course shells for co-requisite contemporary mathematics, contemporary mathematics, pre-calculus, linear algebra, and ordinary differential equations.</li><li>• Served on course student awards committee.</li><li>• Special training in AVID, Open Education Resources (OER), Pearson MyMathLab, Lumen OHM</li><li>• Faculty advisor for the Math and Engineering Student Association.</li></ul> |
| August 2016 – July 2017 | <p><b>Math Adjunct</b>, Midland College, Midland, Texas</p> <ul style="list-style-type: none"><li>• Responsible for generating course syllabi and facilitating student academic progress in college algebra, contemporary mathematics, and statistics</li><li>• Special training in Pearson MyMathLab</li></ul>   |
| August 2016 – May 2017  | <p><b>Math Instructor</b>, Greenwood High School, Midland, Texas</p> <ul style="list-style-type: none"><li>• Responsible for teaching and facilitating student academic progress algebra II, pre-calculus, and physics</li></ul>  |
| August 2009 – May 2011  | <p><b>Math Instructor</b>, Lee High School, Midland, Texas</p> <ul style="list-style-type: none"><li>• Responsible for teaching and facilitating student academic progress for geometry, algebra II, pre-calculus, and physics</li></ul>  |

## **AWARDS**

2016 Outstanding Graduate Student in Mathematics, UTPB

2017/18 Odessa College Department of the Year

## **ADDITIONAL TRAINING OR CERTIFICATIONS**

Region 18 GT Training Workshop 2016

## **WORKSHOPS PRESENTED**

Vanderzyden, W & Carrasco, M. (2019, February). *Odessa College math studio: More for your money*. Session presented at ATD for Odessa College, Long Beach, CA

Vanderzyden, W, Sin, M & Muhammad, U. (2019, July). *Flipped Classroom: Tweaking a Popular Model to Further Promote Critical Thinking and Student Success in a Co-Requisite Classroom*. Session presented at NOSS for Odessa College, Amarillo, TX

Vanderzyden, W, Carrasco, M & Muhammad, U. (2020 February). *Flipped Classroom: Tweaking a Popular Model to Further Promote Critical Thinking and Student Success in a Co-Requisite Classroom*. Session presented ATD for Odessa College, National Harbor, MD

## **COURSES TAUGHT**

MATH 0371 Pre-Algebra

MATH 0372 Introductory Algebra

MATH 0375 Intermediate Algebra

MATH 1314 College Algebra

MATH 1324 Math for Business and Soc Sci I

MATH 1332 Contemporary Math

MATH 0385/1332 Co-Requisite Contemporary Math

MATH 1342 Statistics

MATH 2412 Pre-calculus

MATH 2413 Calculus I

MATH 2414 Calculus II

MATH 2415 Calculus III

MATH 2318 Linear Algebra

MATH 2320 Ordinary Differential Equations

### **COURSES DEVELOPED**

MATH 0385/1332 Co-Requisite Contemporary Math

MATH 1332 Contemporary Math

MATH 2412 Pre-Calculus

MATH 2318 Linear Algebra

MATH 2320 Ordinary Differential Equations

### **PROFESSIONAL SERVICE**

United Way of Odessa

Meals on Wheels of Odessa

UIL Academic Spring Meet

### **PROFESSIONAL MEMBERSHIPS**

Phi Theta Kappa

Society of Petroleum Engineers

Institute of Electrical and Electronic Engineers