

Valdez L Gant

Cumulative Curriculum Vitae

Fall 2019 - Spring 2021

256-824-6400

vlg0004@uah.edu

Personal Information

No activities entered.

Current Position

Current Academic Rank: Lecturer

Contact Information

No activities entered.

Interests

Applied (Engineering) Mathematics Electrical Engineering Business Mathematics,
Analog/Mixed Signal Circuit Design Nonlinear Dynamical Systems Audio Acoustics

Degrees

- | | |
|------|---|
| 2005 | M.S., Mathematics, Southern University and A&M College, Baton Rouge, Louisiana, United States
Dissertation: Study of the First Isomorphism Theorem for Vector Spaces and Some Applications |
| 2002 | B.S., Electrical Engineering, Southern University and A&M College, Baton Rouge, Louisiana, United States
Dissertation: n/a |

Professional Licensures & Certifications

No activities entered.

Work Experience

2019 - Ongoing

Lecturer (Mathematics), University of Alabama in Huntsville, Huntsville, Alabama, United States

2017 - 2019

Math Adjunct , Embry-Riddle Aeronautical University, Daytona Beach, Florida, United States, 2019

2015 - 2019

Math Adjunct, Colorado Technical University, Colorado Springs, Colorado, United States, 2019

2009 - 2019

Math Adjunct, University of Dallas, Irving, Texas, United States, 2019

2007 - 2019

Math Faculty, North Lake College (Dallas County Community College System), Irving, Texas, United States, 2019

2003 - 2010

Electrical Engineer (Product/Applications/Product Marketing), Texas Instruments, Inc., Dallas, Texas, United States, 2010

2001 - 2003

Electrical Engineer (RF Validation/Audio Integration), Delphi Delco Corporation, Kokomo, Indiana, United States, 2003

Courses Taught at Other Institutions

Fall 2012 - Fall 2019

University of Dallas, Mathematics, Calculus I, MATH 1404

Dallas County Community College District, Mathematics, Plane Trigonometry, MATH 1316

Dallas County Community College District, Mathematics, Business Calculus, MATH 1325

Spring 2017 - Fall 2019

Tarrant County Community College, Mathematics, Contemporary Mathematics, MATH 1332

Dallas County Community College District, Mathematics, Calculus II, MATH 2414

Spring 2016 - Fall 2019

Tarrant County Community College, Mathematics, Elementary Statistics, MATH 1342

Fall 2017 - Fall 2019

Embry-Riddle Aeronautical University, Mathematics, Calculus for Aviation I, MATH 112

Spring 2018 - Fall 2019

Embry-Riddle Aeronautical University, Mathematics, Precalculus for Aviation , MATH 111

Fall 2018 - Fall 2019

Embry-Riddle Aeronautical University, Mathematics, Calculus I (Traditional), MATH 241

Fall 2007 - Fall 2019

Dallas County Community College District, Mathematics, College Algebra, MATH 1314

Fall 2014 - Fall 2019

Dallas County Community College District, Mathematics, Precalculus, MATH 2412

Fall 2013 - Fall 2019

Dallas County Community College District, Mathematics, Calculus I, MATH 2413

Fall 2016 - Fall 2019

Colorado Technical University, Mathematics, Data-Driven Decision-Making, MATH 451

Teaching

Fall 2020

Semester: Fall 2020
Course Prefix: MA
Course Number: 107
Section: 03
Course Title: ALGEBRA WITH APPLICATIONS

Semester: Fall 2020
Course Prefix: MA
Course Number: 171
Section: 09
Course Title: CALCULUS A

Semester: Fall 2020
Course Prefix: MA
Course Number: 171
Section: 09R
Course Title: CALCULUS A

Semester: Fall 2020
Course Prefix: MA
Course Number: 172
Section: 05
Course Title: CALCULUS B

Semester: Fall 2020
Course Prefix: MA
Course Number: 172
Section: H05
Course Title: HONORS: CALCULUS B

Semester: Fall 2020
Course Prefix: MA
Course Number: 172
Section: 08
Course Title: CALCULUS B

Semester: Fall 2020
Course Prefix: MA
Course Number: 238
Section: 05
Course Title: APPL DIFFERENTIAL EQUATIONS

Summer 2020

Semester: Summer 2020
Course Prefix: MA
Course Number: 171
Section: 01
Course Title: CALCULUS A

Semester: Summer 2020
Course Prefix: MA
Course Number: 238
Section: 03
Course Title: APPL DIFFERENTIAL EQUATIONS

Spring 2020

Semester: Spring 2020
Course Prefix: MA
Course Number: 107
Section: 02
Course Title: ALGEBRA WITH APPLICATIONS

Semester: Spring 2020
Course Prefix: MA
Course Number: 112
Section: 04
Course Title: PRECALCULUS ALGEBRA

Semester: Spring 2020
Course Prefix: MA
Course Number: 238
Section: 03
Course Title: APPL DIFFERENTIAL EQUATIONS

Semester: Spring 2020
Course Prefix: MA
Course Number: 238
Section: 07
Course Title: APPL DIFFERENTIAL EQUATIONS

Fall 2019

Semester: Fall 2019
Course Prefix: MA
Course Number: 112
Section: 04
Course Title: PRECALCULUS ALGEBRA

Semester: Fall 2019
Course Prefix: MA
Course Number: 112
Section: L1
Course Title: PRECALCULUS ALGEBRA

Semester: Fall 2019
Course Prefix: MA
Course Number: 171
Section: 09
Course Title: CALCULUS A

Semester: Fall 2019
Course Prefix: MA
Course Number: 171
Section: 13
Course Title: CALCULUS A

Non-Credit Instruction Taught

No activities entered.

Teaching Innovations

Fall 2019

Created a way to design one test in MA 171 (Calc A) course that students contributed to creating called the "Test Review Project". In summary, the students were divided into groups and were given a guideline to what type of problems they could select out of the textbook or create. Each student had to provide at least one problem typed out, a neatly-written solution to the problem, and submit to team leader. The team leader had to organize the data, evaluate each of the other group members' participation, and send a report to me. I evaluated this report in order to grade each student for this collaborative assignment. I also selected at least one question out of each group in order to create the exam the students took as well as their solutions to check the answers.

* Learn how to select practice exam problems for tests in aid them in how they study for tests.

* Experience in collaborating with teammate to create an deliverable for a high-stakes assignment.

* Show how to organize thoughts in a clear, logical manner that could be used by someone else to create an assessment if needed.

Student Supervision

No activities entered.

Student Advising

No activities entered.

Scholarly Contributions and Creative Productions

No activities entered.

Fellows & Visiting Scholars Supported/Sponsored

No activities entered.

Contracts and Grants

No activities entered.

Research In-Progress

Spring 2021 - Ongoing

Nonlinear Dynamics, Planning

Directed Student Learning: Counts

No activities entered.

Directed Student Learning: Student Information

No activities entered.

Membership

IEEE, member (March 2021 - present)

AES, member (March 2021 - present)

ASA, member (March 2021 - present)

Consulting

No activities entered.

Institutional Committees

No activities entered.

UAH Other Institutional Service

No activities entered.

Community Service

No activities entered.

Professional Service

No activities entered.

Other Service

No activities entered.

Honors

No activities entered.

Professional Development

No activities entered.