

MUHAMMED ABAKAY

SECONDARY EDUCATION ENGINEERING TEACHER

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Education

- Bachelor of Science in Physics, Ege University, Izmir, Turkey 2005-2011
- Completed internship in Oncology Department at Ege University Hospital in Izmir, Turkey in May 2011

Certificates

- Completed 42-hour long Java Developer course from Udemy

Credentials

- State of Florida Department of Education Professional Educator's Certificate 2020-2025
- Certification in Middle Grades General Science (5-9)
- Certification in Physics (6-12)
- Certification in Gifted Endorsement
- Autodesk Inventor Certified User

Experience

- Currently an employee of Orlando Science Middle and High Schools as a secondary education engineering teacher since June 12th 2013
- Has taught 6th and 8th Grade Science, Honors and Advanced Placement Physics, PLTW IED and POE courses, and prepared students for Science Olympiad, Science Fair, F=ma Physics Olympiad exams.
- Worked as a Science Olympiad coach between 2013 and 2020 in Orlando Science Middle and High Schools.

Workshops, Seminars, and Conferences

- Participated in PLTW Principles of Engineering Training at Atlanta, GA, in August 2019
- Virtual Reality and Digital Manufacturing Workshop at University of Tennessee, July 2019
- Participated in PLTW Introduction to Engineering Design Training at UT Tyler, TX, in August 2018
- Participated in AP Physics C Summer Institute at University of South Florida, Tampa, FL, in July 2017
- Participated in AP Physics 1 Summer Institute at University of California San Diego, CA, in July 2016
- Obtained Teaching Character Education Certificate from Coursera in April 2016
- Participated in AP Physics 1 Summer Institute at Florida International University, Miami, FL, in July 2015
- Participated in National Science Teachers Association Conference in Minneapolis, MN, in May 2015
- Participated in QuarkNet Physics Workshop at Florida State University in Tallahassee, FL, in July 2014