

# HEAT PUMP 101 SEMINAR

Thursday, March 16<sup>th</sup>, 2023

6:30-8:00PM EST

Hybrid Setting

Presented by Mohamad Zoghi, Ph.D.

Associate Professor, Mechanical Engineering Technology – Farmingdale State College

## Topics to be covered:

- Thermodynamics, review of first law and second law of Thermodynamics
- Heating/Cooling using heat pumps
- Vapor compression refrigeration cycles
- Efficiency and coefficient of performance (COP)
- How to improve COP
- Refrigerants
- Heating cost comparison between heat pumps and other alternatives

Register Here!



Register via the link below:

[https://farmingdale.qualtrics.com/jfe/form/SV\\_1Nyv7oNIGHPbudw](https://farmingdale.qualtrics.com/jfe/form/SV_1Nyv7oNIGHPbudw)