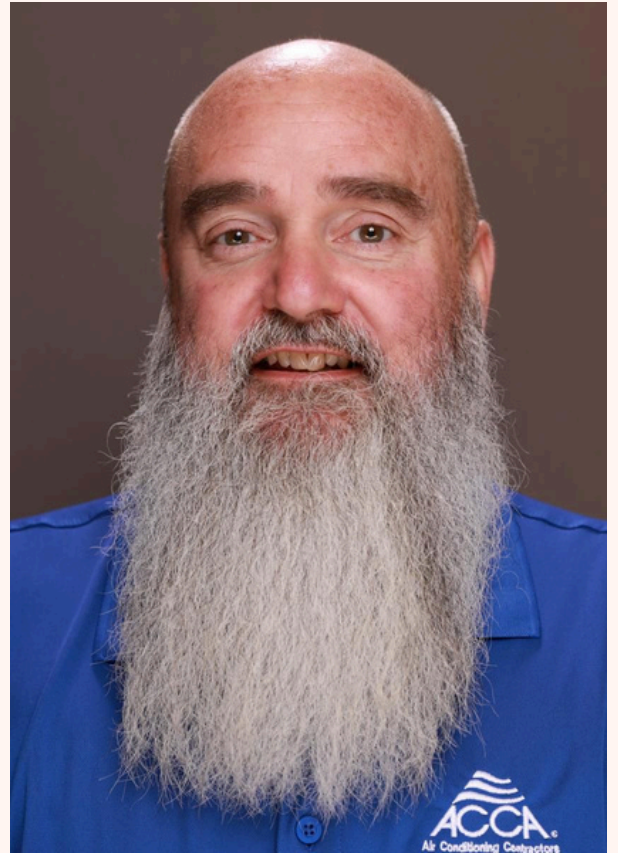


Ed Janowiak

ACCA

Ed is the Manager of HVAC Design Education at the Air Conditioning Contractors of America (ACCA), bringing over 35 years of expertise in the HVAC industry. With a solid foundation of more than 15 years in hands-on fieldwork and over 25 years in the classroom, Ed effectively bridges the gap between practical experience and education.

As a recognized subject matter expert, Ed has contributed to the development of several industry standards and certification tests for leading organizations like ACCA, NATE, and BPI. In his current role, he serves as a full-time trainer, develops curriculum, writes technical content, and provides guidance to the HVAC community.



Manual J & Manual S Manual D Manual T

- **Manual J** – Load Calculations: A high-level overview on what to do for new systems as well as retrofits will be covered.
- **Manual S** – Equipment Selection: fundamental explanation on equipment selection will be covered in the same time period as Manual J. We will focus on the use of BTU/h over tons. We will address electrification and how to properly select heat pumps for heating in our heating dominated climate.
- **Manual D** – Duct Design: A brief overview of the important principles of duct sizing and how to avoid rules of thumb.
- **Manual T** – Terminal hardware: Often ignored or misunderstood, but just as important as the previous three manuals we'll cover how to select and place grilles and registers for optimal performance.