

Decarbonization NC3 Certification

Developing a Path Towards a Sustainable Future



The Power of Data at Your Fingertips

The current global energy supply contributes to greenhouse gas emissions, which can warm the planet and drive climate change. Atmospheric carbon levels are at an all-time high and continue to rise*. Decarbonization is the reduction or elimination of greenhouse gas emissions from human activities. This course explores how carbon and carbon-equivalent emissions affect the atmosphere and the planet's temperature.

Through completion of this certification, students will gain an understanding of both historical and current data that illustrate the state of our planet and our present trajectory. By learning how greenhouse gases are emitted and examining current trends of sustainable practices, students will be equipped to develop solutions that enable companies and individuals to positively impact climate change. Together, we can start to reverse the effects of carbon emissions.

Students will receive a NC3 certification as proof of achievement.

Participants will:

- Understand the nature of carbon and its impact on the planet's temperature
- Explore the differences between fossil fuel-based energy sources and renewable energy alternatives
- Build awareness of how energy conservation presents a significant opportunity to mitigate climate change
- Learn how new technologies can be implemented to reduce energy consumption and limit climate change
- Examine the role that companies play in decarbonization
- Develop a foundation for continued learning around data, analytics, and sustainability

*Climate Change: Atmospheric Carbon Dioxide, <https://www.climate.gov/>

Who Should Attend:

This is a multi-disciplinary program that is an ideal fit for any student interested in learning how to make a personal impact on sustainability or striving to understand how to leverage information to identify how to inspire positive change. This course gives students a foundation to support decarbonization initiatives.



Trane is proud to work with the National Coalition of Certification Centers (NC3). All certifications are administered by NC3. For more information, visit www.nc3.net



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