



Jul 27, 2020

**ASHOK KUMAR CHATTUMALA**

has successfully completed

**Introduction to Thermodynamics: Transferring  
Energy from Here to There**

an online non-credit course authorized by University of Michigan and offered through  
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A handwritten signature in black ink, appearing to read 'Arthur F. Thumau'.

Arthur F. Thumau Professor  
Mechanical Engineering, Aerospace Engineering

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