

VERIFIED
CERTIFICATE of ACHIEVEMENT



This is to certify that

Joseph Noel Kiren. R

successfully completed and received a passing grade in

**AEASM1x: Introduction to Aerospace Structures
and Materials**

a course of study offered by DelftX, an online learning initiative of Delft University of Technology.

A handwritten signature in black ink, appearing to read "B.C. Alderliesten".

B.C. Alderliesten
Associate Professor
Technical University of Delft

A handwritten signature in black ink, appearing to read "G.W. Saunders".

G.W. Saunders
Associate Professor
Technical University of Delft



VERIFIED CERTIFICATE
Issued July 9, 2020

VALID CERTIFICATE ID
063566be200844f9b6b9a558e-a076af



04-Jun-2020

Joseph Noel Kiren

has successfully completed

Statistical Molecular Thermodynamics

an online non-credit course authorized by University of Minnesota and offered through
Coursera

Professor Christopher J. Cramer, Ph.D.
Department of Chemistry
University of Minnesota

**COURSE
CERTIFICATE**



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Coursera has confirmed the identity of this individual and
their participation in the course.