



ONLINE

07/04/2020

Jay Shapiro

has successfully completed

Introduction to Operations Management

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

A handwritten signature in black ink, reading "C Terwiesch".

Christian Terwiesch
Andrew M. Heller Professor
The Wharton School, University of Pennsylvania

COURSE CERTIFICATE



Verify at coursera.org/verify/7F4ZVDDCHKAF

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

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