



Faculty of Health, Science and Technology
Environmental and Energy Systems

Course Reading

Applied CFD in Fluid Mechanics and Heat Transfer

Valid from 01/01/2020

Course Code: EMGC19

Course Title: Applied CFD in Fluid Mechanics and Heat Transfer

Credits: 7.5 ETCS cr

Degree Level: Undergraduate level

Books

Jiyuan Tu, Guan Heng Yeoh, and Chaoqun Liu (2013). *Computational Fluid Dynamics A Practical Approach* (2nd Edition). Elsevier

Yunus Çengel and Afshin J. Ghajar. *Heat and Mass Transfer* (Senaste upplagan). MacGraw-Hill International Edition

Yunus Çengel and John Cimbala. *Fluid Mechanics* (Senaste upplagan). MacGraw-Hill International Edition

Approved by the Faculty Board of Health, Science and Technology 03/26/2019