



Faculty of Health, Science and Technology
Environmental and Energy Systems

Course Reading

Computational Methods and Programming in Energy Technology

Valid from 09/01/2025

Course Code: EMGB21

Course Title: Computational Methods and Programming in Energy Technology

Credits: 7.5

Degree Level: Undergraduate level

Books

Çengel, Yunus A., Ghajar, Afshin J., Kanoglu, Mehmet (2015). *Heat and mass transfer : fundamentals and applications*. New York: McGraw-Hill 5th ed. in SI units

Yunus, A. Cengel, Cimbala, John M. (2018). *Fluid mechanics : fundamentals and applications*. McGraw-hill Education - Europe 4. uppl.

Compendiums and distributed materials

Approved by the Faculty Board of Health, Science and Technology 02/20/2025