

Reading List

1. Stephen R. Turns, *An Introduction to Combustion: Concepts and Applications*, 3rd Edition, McGraw Hill, 2011. ISBN-13: 978-0073380193.
2. Richard Stone, *Introduction to internal combustion engines*, 4th edition Palgrave Macmillan, 2012. ISBN-13: 978-1137028297
3. Martin O. L. Hansen, *Aerodynamics of Wind Turbines*, 3rd Edition, Routledge, 2015. ISBN: 978-1-138-77507.
4. Paul A Lynn, *Electricity from Sunlight: An Introduction to Photovoltaics* Wiley, 2010. ISBN: 978-0-470-74560-1.
5. M.O.L. Hansen (2008) *Aerodynamics of Wind Turbines*, (Ch.3-6 also relevant for marine energy devices), ISBN: 978-1-84407-438-9
6. J. Hardisty (2009) *The Analysis of Tidal Stream Power*, (Ch.2&3 relevant for marine energy devices in this course), ISBN 978-0-470-72451-4
7. A. Pecher & J.P Kofoed (2017), *Handbook of Ocean Wave Energy*, (Ch. 2,6 & 8 relevant for marine energy on this course), ISBN 978-3-319-39888-4.
8. Julian M Allwood & Jonathan M Cullen, *Sustainable Materials*, UiT, 2015, ISBN 978-1-906-860301.

Other Material

1. "Produksjon av mekanisk og elektrisk energi til havs" Fra «Havromsteknologier» Sec 7 issued by NTNU. Downloadable <http://www.ntnu.no/sfmarin/havromsteknologi/laringsmaterieill>

Note: This reading list is given for the benefit of students who wish to pursue topics beyond that which is covered in class. Comprehensive lecture slides will be available on mitt.uib (Canvas) for all topics covered in this course. It is not essential to own a personal copy when following ENERGI210.