

# CHEM-E2150 Interfacial Phenomena in Biobased Systems, 2019

<b>Teacher in charge</b>	Prof. Monika Österberg, room 323 (Puu I) Most of lectures, exam, course organization <a href="mailto:monika.osterberg@aalto.fi">monika.osterberg@aalto.fi</a>
<b>Other teacher</b>	Juan José Valle-Delgado, room 321 (Puu I) Some lectures, calculus exercises, lab works <a href="mailto:juanjose.valledelgado@aalto.fi">juanjose.valledelgado@aalto.fi</a>
<b>Quizzes and home assignments</b>	Some quizzes and home assignments will be available in MyCourses. They are optional tasks. Quizzes can be done during the corresponding lecture, or after that (deadline 48 h). The home assignments should be submitted to MyCourses within 1 week. Altogether, quizzes and home assignments will add up to 25% of the final grade.
<b>Calculus exercises</b>	Three calculus and problem solving exercises will be offered during the course. They will be solved in class. Calculus exercises and attendance to exercise classes are optional. The answers can be submitted to MyCourses before or after the corresponding class. Double number of points will be given to the right answers submitted before the classes. The calculus exercises will contribute 10% to the final grade.
<b>Laboratory works</b>	Three lab works will be arranged in two different days (lab work 2 and 3 will be accomplished in the same day). The participation in the laboratory work is compulsory. The lab works will be carried out in groups, and a short report must be submitted afterwards. Both performance in the lab and report will be evaluated. Lab work evaluation will account for 15% of the final grade.
<b>Study material</b>	The book " <i>G.T. Barnes and I.R. Gently. <b>Interfacial Science</b> (Oxford University Press)</i> ", and other material given in the course.
<b>Exam</b>	The exam will contribute 50% to the final grade. The exam must be passed in order to pass the course.
<b>Course assessment</b>	Grading scale: 0-5 Exam (50%) + quizzes and home assignments (25%) + laboratory works (15%) + calculus exercises (10%).