



UNIVERSITY OF
CHEMISTRY AND TECHNOLOGY
PRAGUE

Chemical Engineering 3

Fall semester 2016

Frantisek.Stepanek@vscht.cz
Room S-64, Building B, ext. 3236

Timetable

	1 8:00	2 9:00	3 10:00	4 11:00	5 12:00	6 13:00	7 14:00	8 15:00	9 16:00	10 17:00	11 18:00	12 19:00
Po							<i>Chemické inženýrství III</i> Grof Zdeněk BS5 14:00 N409021					
							<i>Chemické inženýrství III</i> Basařová Pavlína B139 14:00 N409021					
Út					Chemické inženýrství III Štěpánek František BIII 12:00 N409021							
St												
Čt				<i>Chemical Engineering III</i> Hassouna Fatima BS5 11:00 S409021								
Pá												

Lectures: Tuesdays 12-14, BIII, Frantisek Stepanek (ENG)

Tutorials:

1. Mondays 14-16, BS5, Dr. Zdenek Grof
2. Mondays 14-16, B139, Dr. Pavlina Basarova
3. Thursdays 11-13, BS5, Dr. Fatima Hassouna

Course syllabus

Week	Date	Topic
1	20-Sep-16	-- cancelled --
2	27-Sep-16	Particle Characterisation
3	04-Oct-16	-- promote --
4	11-Oct-16	Crystallisation I
5	18-Oct-16	Crystallisation II
6	25-Oct-16	Dispersion and Dissolution
7	01-Nov-16	Hindered settling, cyclones
8	08-Nov-16	Agglomeration
9	15-Nov-16	Breakage
10	22-Nov-16	Adsorption I
11	29-Nov-16	Case study BASF Dr Feise
12	06-Dec-16	Adsorption II
13	13-Dec-16	Spray drying
14	20-Dec-16	-- reserve --

Exam requirements: 1) written test (at least points 20 out of 50) to proceed
2) oral exam 2 questions (up to 25 points each)

Marking scheme: 90-100 A, 80-89 B, 70-79 C, 60-69 D, 50-59 E, 0-49 F

Recommended literature

1. Richardson, J.F. Harker, J.H. Backhurst, J.R.
“Coulson and Richardson's Chemical Engineering Volume 2:
Particle Technology and Separation Processes (5th Edition)”
Elsevier (2002).

available on-line from VSCHT domain through Knovel

<http://app.knovel.com/web/toc.v/cid:kpCRCEVPT2>

2. Holdich, R.G.
“Fundamentals of Particle Technology”
Midlands Information Technology and Publishing (2002).

available on-line at

http://particles.org.uk/particle_technology_book/

