

## MVE145/MSG600 Statistical Quality Control

### Activity plan, autumn 2011

Week	Date	Time	Room	Activities
1	111026 We	9–12	MVF21	<ul style="list-style-type: none"> <li>• Introduction to the course</li> <li>• Lecture: Acceptance sampling by attributes (Ch 15)</li> <li>• Hand out of HA1</li> </ul>
2	111031 Mo 111102 We	11–12 9–12	MVF32 MVF21	<ul style="list-style-type: none"> <li>• Opportunity to ask questions about HA1 and Ch 15</li> <li>• Last opportunity to hand in solutions to HA1</li> <li>• Guest lecture: Thomas Svensson will talk about Quality Management</li> <li>• Lecture: Acceptance sampling by variables (Ch 16)</li> <li>• Hand out of HA2</li> </ul>
3	111107 Mo 111109 We	11–12 9–12	MVF32 MVF21	<ul style="list-style-type: none"> <li>• Opportunity to ask questions about HA2 and Ch 16</li> <li>• Last opportunity to hand in solutions to HA2</li> <li>• Lecture: Statistical inference (Ch 4)</li> </ul>
4	111114 Mo 111116 We	11–12 9–12	MVF32 MVF21	<ul style="list-style-type: none"> <li>• Opportunity to ask questions about Ch 4</li> <li>• Last opportunity to hand in solutions to HA2</li> <li>• Lecture: Stochastic Process Control (SPC) (Ch's 5–7)</li> <li>• Hand out of HA3</li> </ul>
5	111121 Mo 111123 We	11–12 9–12	MVF32 MVF21	<ul style="list-style-type: none"> <li>• Opportunity to ask questions about HA3 and Ch's 5–7</li> <li>• Last opportunity to hand in solutions to HA3</li> <li>• Lecture: CUSUM and EWMA charts (Ch 9)</li> <li>• Hand out of HA4</li> </ul>
6	111128 Mo 111130 We	11–12 9–12	MVF32 MVF21	<ul style="list-style-type: none"> <li>• Opportunity to ask questions about HA4 and Ch 9</li> <li>• Last opportunity to hand in solutions to HA4</li> <li>• Lecture: Multivariate SPC (Ch 11)</li> <li>• Hand out of HA5</li> </ul>
7	111205 Mo 111207 We  111208 Th	11–12 9–12  13–15	MVF32 MVF21  MVF21	<ul style="list-style-type: none"> <li>• Opportunity to ask questions about HA5 and Ch 11</li> <li>• Last opportunity to hand in solutions to HA5</li> <li>• Lecture: Process capability (Ch 8)</li> <li>• Opportunity to ask questions about Ch 8</li> <li>• Opportunity to ask questions about the whole course</li> <li>• Course evaluation questionnaire</li> </ul>
8	111214 We	am		<ul style="list-style-type: none"> <li>• Written examination</li> </ul>

#### Comments

- 1) Morning sessions start on the hour, while afternoon sessions start a quarter past the hour.
- 2) Keep Thursdays 13-15 free for guest lectures.
- 3) HA1–HA5 are five home assignments. The final grade will depend on the results of the home assignments and on the result of the written examination. The total number of credit points is 45 (15 for the home assignments, and 30 for the exam).
- 4) Detailed study instructions will be given in connection with the lectures and hand out of home assignments.
- 5) Location for the written examination will be announced elsewhere. The time is 8.30–12.30.