

MA4854 Quality Assurance and Management

| Sequence | Week | Main Topic | Ref | |
|------------|-------------|-------------------------------------|--------|--|
| 1 | Wk1 | Overview; Products & Services | Chap1 | |
| 2 | Wk2 | Major QM thought leaders | Chap 2 | |
| 3 | Wk3 | Deming; Basic Analytical Principles | Chap 6 | |
| 4 | Wk4 | Basic Tools and Process Capability | Chap 8 | |
| 5 | Wk5 | Process Control Principles & Tools | Chap 8 | |
| 6 | Wk6 | Six Sigma Management | Chap 9 | |
| 7 | Wk7 | Fundamentals of DOE | Chap 6 | |
| 8 | Wk8 | Taguchi Methods | Chap 7 | |
| 9 | Wk9 | Quality Practices | Chap 2 | |
| 10 | Wk10 | Projects I | -- | |
| 11 | Wk11 | Projects II | -- | |
| 12 | Wk12 | Projects III | -- | |
| 13 | Wk13 | Overall Review | -- | |
| Final Exam | May 8 (5pm) | | | |