**Manufacturing Operations (EGRMGMT590.16)**

This is a syllabus for the course over a 13 week period.

1. Introduction to Manufacturing Operations & Execution
2. Critical Nature of Strategic Direction
3. End-to-End Planning Workflows – via a real life **Case Study**
4. Quality Management
5. Designing Manufacturing & Control Strategy
6. Sales & Operations Planning
7. Planning & Control of Execution
8. Always Improving Execution: Lean/Six Sigma
9. Application of Continuous Improvement: Tools
10. Execution Management
11. Supply Chain Management: Trade-Offs
12. Smart Manufacturing/Industry 4.0
13. Wrap-Up/Conclusions/Finals