Intended Learning Outcomes:

Gain an understanding of the following concepts:
- material requirements planning
- order release
- bill of materials
- capacity planning

Resources:
- Software Instruction document
- Excel spreadsheet (simulation)
- Lecture notes and reading materials

Tasks:
- Attend class sessions on production management, MRP, forecasting
- Observe demonstration of simulation
- Play the simulation game in an ad-hoc style (without a plan)
- Play the simulation game with reorder points and order quantities
- Create the decision support system (DSS), using forecasting and MRP principles
- Submit the DSS
- Write a reflective essay about this learning experience

Supports:
- Lectures
- Tutor assistance provided in tutorials

3 to 4 weeks