

# GPSS World Tutorial Manual

## Table of Contents

[http://www.minutemansoftware.com/tutorial/tutorial\\_manual.htm](http://www.minutemansoftware.com/tutorial/tutorial_manual.htm)

[Preface](#)

[Chapter 1. Using GPSS World](#)

[Lesson 1 - The GPSS World Program](#)

[Lesson 2 - Running a Simulation](#)

[Lesson 3 - Problems](#)

[Lesson 4 - The Text Editor](#)

[Lesson 5 - The GENERATE and TERMINATE Blocks](#)

[Lesson 6 - The ADVANCE Block](#)

[Lesson 7 - The SEIZE and RELEASE Blocks](#)

[Lesson 8 - The QUEUE and DEPART Blocks](#)

[Lesson 9 - GPSS World Commands](#)

[Lesson 10 - Manual Simulation](#)

[Lesson 11 - The Graphics Windows](#)

[Lesson 12 - External Files](#)

[Lesson 13 - The ANOVA Window](#)

[Lesson 14 - Reports](#)

[Lesson 15 - Session Journaling](#)

[Lesson 16 - Continuous Modeling](#)

[Lesson 17 - PLUS](#)

[Lesson 18 - Debugging](#)

## Lesson 19 - Experiments

## Lesson 20 - Generating A PLUS Screening Experiment

### Chapter 2 - Applications

1. TURNSTIL.GPS — Simulation of a turnstile at a football stadium
2. TELEPHON.GPS — Simulation of a simple telephone system.
3. PERIODIC.GPS — Simulation of inventory with periodic review
4. TVREPAIR.GPS — Simulation of a television repair shop
5. QCONTROL.GPS — Simulation of a quality control system
6. ORDERPNT.GPS — Simulation of an order point inventory system
7. MANUFACT.GPS — Simulation of an electronics manufacturing system
8. TEXTILE.GPS — Simulation of a textile factory
9. OILDEPOT.GPS — Simulation of an oil storage depot
10. ASSEMBLY.GPS — Simulation of a pump assembly process
11. ROBOTFMS.GPS — Simulation of a robot operated FMS
12. BICYCLE.GPS — Simulation of a bicycle factory
13. STOCKCTL.GPS — Simulation of a warehouse and branch inventories
14. LOCKSIMN.GPS — Simulation of a canal and lock
15. FOUNDRY.GPS — Foundry simulation
16. TAPEPREP.GPS — Simulation of NC tape preparation
17. TRAFFIC.GPS — Simulation of traffic at a T-junction
18. POWDER.GPS — Simulation of customer brand loyalty
19. QTHEORY.GPS — Simulation of a solvable queuing network
20. SUPERMRK.GPS — Simulation of a supermarket
21. SHIPPORT.GPS — Simulation of a port
22. EXCHANGE.GPS — Simulation of a PBX
23. FMSMODEL.GPS — Simulation of a flexible manufacturing system
24. ETHERNET.GPS — Simulation of a 10 Mbps Ethernet Network

## 25. PREDATOR.GPS — Simulation of Predator and Prey Populations