Center for Computer Based Learning--Computer Simulation on UNIX 1985

Nova University

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An online course in GPSS Simulation using the DEC VAX 11-780 and BSD 4.2 UNIX.*

**Simulation plays an important role in our society.** The decisions we make involve understanding complex relationships. Those decisions made more regular by using the proper simulation and modeling tools.

This online UNIX-based course in digital computer simulation has been designed to give you confidence in model building and the design of computer simulation programs.

**Features of the course:**
- You start when you want.
- You dial a local Tymnet number to connect to NOVA's computer, a VAX 11-780, using the UNIX operating system.
- You access an online tutorial on GPSS. GPSS is a high level simulation language. It has extensive capabilities for creating and analyzing simulation models, using GPSS statements. The lessons on GPSS combine a tutorial with a set of instructions that tell you simply and clearly how to use GPSS.

**Objectives:** Participants who complete the course will have the following capabilities:
- Competency in creating a simulation model
- Competency in implementing a model
- Competency in running a model
- Competency in analyzing a model

**Topics:**
- The tutorial covers the following topics:
  - Designing a model
  - Implementing the model in GPSS
  - Running the model
  - Analyzing the results
  - Improving the decision-making process

**Instructor:** Jacques Levin, PhD, NOVA University, Center for Computer-Based Learning.

**Format:**
- Computer-assisted instruction online
- Computer conferences and online discussions
- Electronic mail

**Registration and Credit:** Non-Credit: The $395 fee covers instructional consultation and computer-assisted instruction. Students can purchase online time as needed in 10-hour packets at $10.00 per hour. This hourly charge includes access through Tymnet when dialed through your local Tymnet number. Any toll charges that are needed for a student to gain access to Tymnet must be paid by the student to his or her local telephone company. Access to NOVA's mainframe computer through Tymnet is from 6 PM to 7 AM Mon.-Thur. and from 6 PM Fri.-7 AM Monday. This is local time for the point of origin of the call.

The course may be taken for credit. Information on "for credit" registration is available by writing or calling:

**Nova University**
Center for Computer-Based Learning
Am 308 Parker Building
3301 College Avenue
Fort Lauderdale, FL 33314
305-475-7047

**The Center for Computer-Based Learning offers courses in:**
- Computer Simulation (GPSS)
- Database Management Systems
- Statistics
- UNIX courses
- Degree Programs offered through the Center are:
  - Doctor of Education in Computer Education
  - Doctor of Arts in Information Science
  - Doctor of Arts in Training and Learning Technology
  - Educational Specialist in Computer-Based Learning
  - Master of Science in Computer-Based Learning

Please send me more information about the programs I have checked.

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*UNIX is a Trademark of Bell Laboratories

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**REGISTRATION FORM**

YES, please register me for the computer simulation course.

**NAME**

**ADDRESS**

**CITY**

**STATE**

**ZIP**

**PHONE**

**SS#**

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Nova University is located in Fort Lauderdale, Florida. It is a nonprofit institution that is not tax-supported. Nova is a university for all ages; it offers courses of study leading to bachelor's, master's, and doctoral degrees as well as preschool through high school programs at its University School. Unusual among educational institutions, Nova University offers programs not only on its main campus in Fort Lauderdale, but throughout the State of Florida, across the United States, and in several foreign countries. In addition to its educational programs, the University provides community services and conducts research in a variety of fields.

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