ProModel Corporation is a leading business process optimization and decision support company serving the pharmaceutical, healthcare and manufacturing industries. ProModel delivers professional services and innovative technology solutions that help companies maximize throughput, decrease cycle time, increase productivity, and manage costs. All of ProModel’s specialized solutions are driven by its VAO Technology that enables clients to “Visualize, Analyze and Optimize” their business processes to best achieve performance objectives.

“I really find ProModel valuable in the education field because the intuitive elements in ProModel are very similar to those used in manufacturing textbooks and students can easily make the connections. This helps them translate real world problems into a simulation environment quickly and intuitively. The quicker we can get students modeling, the quicker they can learn.”

Professor Thomas Brady
Purdue University

There are over 4,000 users of ProModel’s VAO Technology. ProModel has served nearly half of the top Fortune 100, including Pfizer, Lockheed-Martin, Ford, UPS, and General Motors. ProModel has also worked with many of the nation’s most progressive hospitals, some of which include Baylor Health System, HCA Hospitals, Mayo Clinic, and Miami Valley Hospital.

“ProModel is an excellent teaching tool. The students achieve a much higher level of understanding when they can put the theory into action. ProModel is easy and intuitive to use, yet it still has many advanced features that allow for building very detailed and complex models. The technical support staff is an invaluable asset.”

Michael Nowatkowski,
Captain, Signal Corps, Instructor,
United States Military Academy - West Point

Our Academic Team is committed to helping faculty members and students in their quest for improving organizational productivity using ProModel simulation software. Our software packages are powerful and affordable. We offer a complete support package to faculty members teaching simulation. ProModel provides software to over 250 universities and academic institutions throughout the US, Canada and the world.
**Materials Description**

**Solutions Café:**
The professor package and lab package include access to our ProModel Solutions Café (Member Site) where you will find service packs and other downloads, technical support responses to hundreds of customer questions, additional resource material for model building, tips and techniques for using the software, training and teaching materials, and e-mail access to technical support.

**ProModel:**
The leader in simulation of manufacturing systems, ProModel is an easy-to-use and flexible tool that has become the standard in engineering and production management programs. Models can be used to improve production output, identify bottlenecks, and evaluate solutions. Great for teaching and demonstrating key production concepts—JIT, Kanban, TQM, TOC, etc.

**MedModel:**
A revolutionary healthcare simulation tool used by hospitals, clinics, and HMOs, MedModel is the most powerful simulation package available for modeling health care systems. Typical applications of MedModel include capacity planning, patient-focused care, staffing, and EMS planning. The software is designed for courses in health care administration at all levels and is also frequently used for large research projects.

**ServiceModel:**
A simulation tool ideal for modeling banks, airports, restaurants, call centers and other service systems. ServiceModel is used to evaluate customer service, establish staffing levels, improve paper flow, and streamline distribution. This software is used in both undergraduate and graduate programs emphasizing service management.

**Process Simulator (New):**
Now you can add simulation and statistical analysis capability to the power of process flowcharting with Microsoft Visio. You can quickly and easily simulate Microsoft Visio flowcharts, and Value Stream Maps. You’ve seen the usefulness of flowcharts for describing processes. Imagine adding simulation properties to your flowcharts to make them dynamic simulation models. Process Simulator also comes with ProModel’s 3DR Output Viewer to analyze the statistical results of your simulations. Requires Microsoft Visio 2000 or higher.

**SimRunner:**
An optimization package with seamless integration into ProModel, MedModel or ServiceModel. SimRunner helps users find optimal configurations for complex models. Taking multiple input parameters with specific ranges, SimRunner will apply its evolutionary strategies and genetic algorithms to find an optimal solution for your specific objective function. The objective function may be any combination of output values, each with its own weighting scale.
**Stat::Fit:**
This distribution-fitting software features descriptive statistics, parameter estimates, goodness-of-fit tests, and graphical analysis. Stat::Fit includes 32 standard distributions most commonly used in simulation models. Stat::Fit also provides DOE tools for analyzing the number of replications necessary for your simulation experiments.

**3DR:**
Using 3-dimensional ChartFX® graphs and charts, this 3-D Results viewer allows you to view statistical output for your models in many forms. The charts and graphs available are excellent for detailed analysis and for presentations.

**ProActiveX:**
Using the ActiveX capability available in ProModel, MedModel or ServiceModel - ProActiveX allows you to build or modify models using Microsoft Excel®. Models with massive amounts of input data can be built relatively quickly using normal spreadsheet data-handling tools.

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**Ordering and Shipping**

We accept money orders, checks, major credit cards, and purchase orders. However, orders under $500 must be prepaid by money order, check or credit card. A completed educational license agreement should accompany each order for a professor or lab package. We ship our professor and lab packages by FedEx 2nd day air so please allow $20 to cover shipping within the United States. All other orders are billed actual cost for shipping.
## Materials Summary

You may select ProModel, MedModel, or ServiceModel for the following packages:

<table>
<thead>
<tr>
<th>Package</th>
<th>SimRunner</th>
<th>Stat::Fit</th>
<th>ProActiveX</th>
<th>Digital Manuals</th>
<th>Printed User Guides</th>
<th>Solutions Café</th>
<th>1 Year Email and Phone Tech Support</th>
<th>Discounted Training Courses</th>
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<tr>
<td><strong>Professor Package</strong></td>
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<td><strong>Additional Packages:</strong></td>
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<td><strong>Process Simulator Lab Package</strong></td>
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**Educational Packages**

**Professor Package**

Upgrades:
- $249. (includes standalone hw key, as needed)

New Licenses – No Tech Support:
- $349. (includes USB standalone key)

- Available for ProModel, MedModel, and ServiceModel.
- Provides professional level capabilities of the software.
- Available only for educational purposes (not to be used for commercial consulting).
- Includes CD with ProModel, MedModel or ServiceModel, SimRunner, Stat::Fit, ProActiveX, digital manuals for these products, and many other useful tools. The package also includes a printed ProModel, MedModel or ServiceModel User Guide and a Stat::Fit User Guide.
- Professors receive access to the Solutions Café (ProModel Member Site) for 1 year.
- Support – New Licenses will receive one year of free support. Support requests should be sent to education@promodel.com or by phone at 888-437-7843.
- All ProModel training courses are offered at a reduced price (about 50%).

**Lab Package**

Upgrades:
- 20 User Lab Package
  - (up to 20 users) $349
  - (up to 50 users) $549

New Licenses – No Tech Support:
- (up to 20 users) $449. (includes USB LAB key)
- (up to 50 users) $649

- Available for ProModel, MedModel, and ServiceModel.
- May be purchased as a 10-User, 20-User, 30-User, or 50-User Lab Package.
- Provides professional level capabilities of the software for specific number of concurrent users. The software may be installed on any number of computers, and the licenses float on the network.
- Available only for educational purposes (not to be used for commercial consulting).
- Includes CD with ProModel, MedModel or ServiceModel, SimRunner, Stat::Fit, ProActiveX, digital manuals for these products, and many other useful tools. The package also includes a printed ProModel/MedModel/ServiceModel User Guide and a Stat::Fit User Guide.
- Professors receive access to the Solutions Café (ProModel Member Site) for 1 year.
- Support – New Licenses will receive one year of free support. Support requests should be sent to education@promodel.com or by phone at 888-437-7843.
- All ProModel training courses are offered at a reduced price (about 50%).
- Great for classes in simulation!
**Process Simulator Professor Package**

**Upgrades:**
$249. (includes standalone hw key, as needed)

**New Licenses – No Tech Support:**
$349. (includes USB standalone key)

- Provides professional level capabilities of Process Simulator.
- Available only for educational purposes (not to be used for commercial consulting).
- Includes Process Simulator installation CD and printed Process Simulator User Guide. Also includes free access to online help system and tutorial.
- Support – New Licenses will receive one year of free support. Support requests should be sent to education@promodel.com or by phone at 888-437-7843.
- All ProModel training courses are offered at a reduced price (about 50%).
- Ideal for management courses where simulation is only a part of the course.

**Process Simulator Lab Package**

**Upgrades:**
- 20 User Lab Package
  (up to 20 users) $349
  (up to 50 users) $549

**New Licenses – No Tech Support:**
- (up to 20 users) $449. (includes USB LAB key)
  (up to 50 users) $649

- Available only for educational purposes (not to be used for commercial consulting).
- Provides 15 professional level licenses of Process Simulator that can be installed on any 15 computers in a computer lab.
- Includes Process Simulator installation CD and one printed Process Simulator User Guide. Also includes online help system and tutorial.
- Support – New Licenses will receive one year of free support. Support requests should be sent to education@promodel.com or by phone at 888-437-7843.
- All ProModel training courses are offered at a reduced price (about 50%).
- Ideal for courses where simulation is only part of the course.

**Note:** Process Simulator is currently not designed to be used as a network version in the same way that ProModel is. These licenses are individual standalone licenses, and they reside only on the computers on which they are initially installed. They cannot be moved between computers.
3D Animator Professor Package*

Upgrades:
$149. (includes standalone hw key, as needed)

New Licenses – No Tech Support:
$249. (includes USB standalone key)

- Available only for educational purposes (not to be used for commercial consulting).
- No lab package available. Each license is for a standalone copy of 3D Animator.
- Includes 3D Animator installation CD and a 3D Animator User Guide.
- Can be used in conjunction with a student version of ProModel, MedModel or ServiceModel, but the version number must be 6.2 or later.

Student Packages:

CD Only: $30.00

CD and printed User Guide: $75.00

- Available for ProModel, MedModel, and ServiceModel
- Provides limited capabilities for student usage:
  20 locations
  8 entities
  8 resources
  5 attributes
  15 Run-Time Interface macros
- Includes CD with ProModel, MedModel or ServiceModel, SimRunner, Stat::Fit, ProActiveX, digital manuals for these products, and many other useful tools.
- Sufficient capability for learning the software and for small student projects.
Textbooks and Manuals

**Training Workbook**

$50.00

This manual is used in our commercial training courses. Available to students and faculty interested in a “hands-on” tool to facilitate quick learning of the software. Specify ProModel, MedModel or ServiceModel.

**User Manual**

$45.00

For those wanting hardcopy documentation of ProModel, ServiceModel or MedModel. This 700 page manual is a comprehensive guide to using ProModel and all of its statements and functions.

**Stat::Fit User’s Guide**

$15.00

This manual is carefully organized to help you effectively fit analytical distributions to user data.

Available on request:

**Text:** *Simulation Made Easy: A Manager’s Guide* $50.00

Anyone designing a new system or trying to improve an existing one will benefit from this book. *Simulation Made Easy* provides a general introduction to simulation focusing on modeling and analysis. Successful service and manufacturing applications are demonstrated in the text.

**Text:** *Quantitative Analysis for Health Services Administration* $65.00

A number of quantitative techniques, including simulation, are covered in this text. Targeted specifically at health care administrators, it covers the application of quantitative analysis to management problems in health services organizations.

**Text:** *Simulation Using ProModel*

Covers the art and science of simulation in general and the use of ProModel simulation software in particular. It is intended for use as a text in a graduate of undergraduate course in simulation in a Business, Engineering or Computer Science Program. Practitioners in business and industry will also find the book useful as a self-study guide to simulation.
Below is a list of some of our classes that you may want to consider attending:
*All ProModel training courses are offered to Professors at about 50% of the prices listed below.

**ProModel® Basics**

**A First Course in ProModel Software Simulation**

ProModel® is a Windows based simulation package that can be used to model any discrete event system such as manufacturing facilities, business processes or associated services. With the right training, ProModel is a very powerful decision-making tool. The ProModel Basic training teaches you the fundamentals of model building with ProModel, ensuring a rapid start for your first simulation project, as well as a solid foundation for future projects.

**Format:**
Intensive three-day course with hands-on model building.

**Prerequisites**
- Basic computer skills
- Windows 9x, ME, NT, 2000 or XP proficiency

**Course Features**
- Animation is integrated and concurrent with the simulation
- Graphics may be imported to enhance the models
- Resource and transportation functions are easily modeled
- Shift schedules and downtimes are easily modeled
- Built-in constructs for routing logic aid in rapid model development
- A variety of output reports and analysis graphs are available
- Programming-like logic allows modeling complex systems with simplicity

**ProModel® ADVANCED**

**Training Course**

Building your first ProModel® model is only the beginning! Although extremely easy to use, ProModel software has a whole host of features that can help experienced users accurately model even the most sophisticated and complex systems.

**Format:**
The course is designed to be an in-depth, two-day course focused on hands-on implementation of advanced modeling techniques. You will learn the techniques and features you will need to model a variety of real-world situations through a series of practical exercises, demonstrations, and lectures.

**Prerequisites**
- Windows 9x/NT/ME/2000/XP Proficiency
- Successful completion of the *ProModel Software Basics* course

**Course Outline**
- Hands-on modeling
- Shortcuts and useful commands for building and modifying models
- Troubleshooting tips and debugging techniques
- Arrival files and differing arrival pattern structures including demand arrivals
- Code optimization: user defined macros and subroutines
- Priorities and preemptive priorities
- Modeling conveyor systems
- Modeling cranes with ProModel’s pre-fabricated Crane construct
- Establishing additional cost functions and output
- Using SimRunner to optimize models and building complex scenarios
- New features of the current ProModel release
Process Simulator Basics Training Class

Objectives: Train new users on all major features of the software and teach them the skills they will need to experience the full benefits of dynamic analysis.

Agenda:
- Introductions 8:30 – 8:45
- Overview of Process Modeling & Simulation 8:45 – 9:30
- Model 1 (single server/single queue) 9:30 – 10:00
- Morning Break 10:00 – 10:15
- Model 2 (Mfg) Development & Analysis 10:15 – 12:00
- Lunch Break 12:00 – 12:15
- Model 3 (Service) Development & Analysis 12:45 – 2:30
- Afternoon Break 2:30 – 2:45
- Advanced Modeling Topics 2:45 – 3:30
- Selecting the Best Distribution
- Random Numbers & Multiple Reps
- Model 4 – Scenario Analysis 3:30 – 4:00
- Additional Modeling Elements 4:00 – 4:30
- Arrivals, Routings & Logic Elements
- User Applications 4:30 – 5:00

Note: Students should come with Visio and PCS already installed on their own laptops. Computers will be available for those without a laptop.

Contact Information

We look forward to assisting you in anyway that we can; we strive to create a unique and individualized positive experience for each of our customers. If you have any questions feel free to call or email our Academic Accounts Manager at your convenience.

Jamie Tracy
Academic Accounts Manager
7540 Windsor Drive, Suite 300
Allentown, PA 18195
Phone: 888-437-7843