

# *Get on the Fast Track!*

Volume 2:  
January, 2008



**SYS-ED®**

*The Computer Education Professionals*  
Central Mailing Address  
PO Box 1213  
New York, NY 10156  
[www.sysed.com](http://www.sysed.com)

Java



**Catalog: SYS-ED and NYS ED**

**Volume 2: 2008**

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**Who is SYS-ED**

SYS-ED is committed to:

- helping organizations develop specialized expertise in application software, programming languages, databases, and systems software.
- enabling IT professionals to stay state-of-the-art and be more successful at their jobs.
- providing mid-sized and small businesses with the skillset to utilize software technologies for improving employee productivity and expanding their businesses.

Our consultancy groups average over 30 years of business and application experience across the complete range of computer systems- hardware and software. We understand the real world use of the software and challenges encountered in using computers for the effective processing of data. Our computer specialists will make the difference in the way your organization utilizes its computer technology and maximizes its return on investment.

To become a recognized source of excellence in technical training requires more than commitment, investment, and dedication. It requires the constant questioning and reassessment of how people learn. This is the philosophy which underlies the SYS-ED way of doing business.

**What is a SYS-ED Course?**

SYS-ED courses are skills-based computer courses; there is no grading system associated with SYS-ED courses. Upon request by the organization which is sponsoring its employee to attend a SYS-ED course, a report regarding the successful completion of workshops/walkthroughs will be provided.

- Each course day includes 7 hours of course instruction and workshop. There are two 15 minute breaks in the morning and afternoon sessions.
- No courses are scheduled on legal holidays.
- An organization will not be allowed to enroll its employees in a SYS-ED catalog course without acknowledging the content of the SYS-ED course as listed in this catalog.
- Enrollments can be made up to any time up to the day prior to the course date.
- Organizations sending their employees to SYS-ED courses will be required to have a licensed version of the software product.

SYS-ED courses and training programs are not intended for the general public. They are intended exclusively for Fortune 1000 corporations, government municipalities, healthcare providers, mid-sized businesses, and business professionals.

**Building a Reputation: One Course at a Time**

The list of satisfied clients reflects programs and courses we have conducted since 1981. Testimonials can be viewed by typing Areferences® or Ashow me®, from any search field via the SYS-ED website - [www.sysed.com](http://www.sysed.com).

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**Need Information ASAP!**

If you have an emergency training requirement, go to the homepage of the SYS-ED website at [www.sysed.com](http://www.sysed.com), and invoke the "Special Requests" from the "Support Download" menu and type in your request. Or have a SYS-ED Training Consultant contact you by using the "Correspondence" menu. Worst case, you can always contact us via telephone at 212-564-9147.

**Ongoing Support**

After the course is over, students are welcome to stay in contact with SYS-ED and ask questions. On-line help is available through our website at [www.sysed.com](http://www.sysed.com).

**SYS-ED Training Center**

The SYS-ED training center is conveniently located in close proximity to all major subway lines (B,D,F,1,2,3,4,5,6, and PATH), commuter railroads - Grand Central and Pennsylvania Station, and Commuter bus lines - PATH.

All computers are networked with access to a high speed broadband line and 3 networked printers. The building lobby has a snack bar and public telephones. The training facility is accessible to handicapped individuals.

**What Makes a Great Training Center**

- **Cross-Platform Expertise** - PC, Macintosh, internetworking, web development, client/server, IBM mainframe, ORACLE, UNIX, Java, and .NET training, and consulting.
- **Talented Instructors** - Who are systems, applications, and business solution experts certified in their area of expertise and who know how to communicate with and guide adult learners. Instructors who consistently score "excellent" ratings on student evaluations.
- **Hands-on Training** - Each student has his/her own computer for maximum involvement.
- **Small Classes** - Everyone receives personalized attention from our instructors.
- **Modern Equipment** and the latest software releases, to optimize the learning experience.
- **Comprehensive, Feature-packed Classes** presented in a logical, step-by-step format with ample opportunity for practice and reinforcement of what you learned.
- **Excellent Courseware** - SYS-ED courseware and training aids used in class will serve as valuable reference material back on the job.
- **Support for Old Software** - We continue to support/train on legacy software. This allows us to help you to migrate/upgrade your mission critical software and systems.

**Private Courses**

SYS-ED has the ability to provide tailored private courses. Our instructors will incorporate actual problems in your organization with the material they are presenting.

- Attendees who have not mastered the subject matter may repeat the course free of charge.
- Organizations, which use SYS-ED for a private training, have the right to send new hires to that course through our New York schedule at a special fee.

We can also provide a custom program combining elements of both private and public training options.

**Mobile Classrooms**

SYS-ED has mobile/portable classrooms - computer hardware, network hubs, wiring, multi media projectors, etc. - which can be used for delivering the SYS-ED courses. These courses can be delivered at your locations or through hotel/conference facilities.

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**Using this Catalog in Conjunction with the SYS-ED Website**

The course offerings included in this catalog have been reviewed and approved by the New York State Department of Education. The course titles and topics can also be viewed through the SYS-ED search engine.

In order to receive additional, updated or customized information on the courses listed in this catalog, go to the SYS-ED website at [www.sysed.com](http://www.sysed.com) and access the search engine in the upper left hand corner of the page. Type in the word/term that you are interested in and click on the Search button. Information can then be printed directly from your computer screen. E-mails can also be directed to a SYS-ED Director or licensed Private School Agent from SYS-ED websites.



**Name of School and Governing Body**

SYS-ED is sanctioned by the New York State, Bureau of Proprietary School Supervision. SYS-ED has been authorized by the State of New York to develop and conduct computer seminars since 1982.

**Officials and Instructional Personnel**

David Shapiro, Director, Registered Business School Teacher, and Private School Agent  
BA, Union College, MBA, Cornell University

David Silverberg, Director, Registered Business School Teacher and Private School Agent  
BS, Brooklyn College, MS, Computer Science, Pratt Institute, MS, Management, Polytechnic Institute

Mr. Shapiro and Mr. Silverberg have over 50 years of experience across the complete range of computer hardware and software. They have been teaching seminars for Fortune 2000 corporations, consulting companies, government municipalities, and healthcare facilities since 1981. They are involved in the daily operation of SYS-ED. Updated information on instructional personnel is listed on the SYS-ED website: <http://www.sysed.com/insplace.asp>

**Calendar and Holidays**

Courses are not offered on the standard Federal holidays: President-s Day, Memorial Day, July 4<sup>th</sup>, Labor Day, Thanksgiving, and Christmas.

**School Policy and Regulations on Enrollment Dates and Entrance Requirements**

No one is allowed to enroll in a SYS-ED course without receiving this catalog, reviewing course topics, and having a consultation with a SYS-ED Director. Enrollment can be made at any time up to the start of the course.

**Standards of Progress and Leave of Absence**

There are no standards of progress associated with SYS-ED's skill-based courses. At the discretion of the organization sending its employee to the course, an optional pre and post course assessment will be implemented. In the event of a leave of absence or tardiness, a student may attend the next scheduled course in order to make up for any subject matter which has been missed.

**No Grading System / No Granting Credit for Previous Education and Training**

SYS-ED courses are not intended for the general public and accordingly there is no "pass rate" associated with the school's graduates for license of any certificate exam required by state or city for employment. There is no policy for granting credit for previous education and training which can be applied to a SYS-ED course.

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**Financial Assistance**

SYS-ED offers no financial aid; SYS-ED courses are not intended for the general public.

**Student Rights, Responsibilities, and Eligibility**

Student responsibilities are based upon the code of conduct required by the respective organizations/employers who will be sponsoring/paying for them to attend a SYS-ED course.

**Student Completion and Job Placement**

It is SYS-ED policy not to engage in any job placement or posting of job openings.

SYS-ED offers no data regarding:

- Student completion and job placement.
- School's graduates for license of any certificate exam required by state or city for employment.

**Any Questions or Require Additional Information**

David Shapiro and David Silverberg are the designated SYS-ED employees who will be available in assisting students in obtaining information. Information can also be requested from SYS-ED websites at [support@sysed.com](mailto:support@sysed.com).

**Disclosure Statement / Catalog Disclaimer**

Prior to enrollment in a SYS-ED course, the student will be required to review this catalog for factual information. The student should be aware that some information in the catalog may change. It is recommended that students considering enrollment, check with the school director to determine if there is any change from the information provided in the catalog. In addition, a catalog will contain information on the school's teaching Personnel and courses/curricula offered. Please be advised that the State Education Department separately licenses all teaching personnel and independently approves all courses and curricula offered. It is again recommended that you check with the school director to determine if there are any changes in the courses/curricula offered or the teaching personnel listed in the catalog.

**Complaints and Tuition Refunds**

Complaints can be addressed at any time to a SYS-ED Director, David Shapiro or David Silverberg, or the course instructor. Organizations and individuals who are not satisfied with the quality of a SYS-ED course can either:

1. Retake the course free of charge.
2. Return the course workbook by the middle of the course and execute a statement stating that he/she will be leaving the course. The student will receive a full refund within 30 working days of the written complaint.

In addition to this complaint and tuition refund policy, SYS-ED adheres to the complete statement of the complaint procedures and tuition refund policy mandated by the New York State Department of Proprietary School Supervision.

**Complaint Procedures**

If you are or were a student or an employee of a Licensed Private or Registered Business School in the State of New York and you believe that the school, or anyone representing the school, has acted unlawfully, you have a right to file a complaint with the New York State Education Department.

You may make complaints about the conduct of the school; advertising; standards and methods of instruction; equipment; facilities; qualifications of teaching and management personnel; enrollment agreement; methods of collecting tuition and other charge; school license or registration; school and student records; and private school agents.

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The steps for filing a complaint are:

1. Write to the New York State Education Department, Bureau of Proprietary School Supervision:  
Investigation & Audit Unit / 116 West 32nd Street, 5th floor / New York, NY 10001
2. Telephone the Department at (212) 643-4760 requesting an interview for the purpose of filing a written complaint. Bring all relevant documents with you to the interview, including an enrollment agreement, financial aid application, transcripts, etc. An investigator from the Department will meet with you and go through your complaint in detail.

If you cannot come for an interview, send a letter or call the office to request a complaint form. You must complete and sign this form and mail it to the office. Please include with it copies of all relevant documents. You should keep the originals. You must file a complaint within two years after the alleged illegal conduct took place. The Bureau cannot investigate any complaint more than two years after the date of the occurrence. The investigator will attempt to resolve the complaint as quickly as possible and may contact you in the future with follow-up questions. You should provide all information requested as quickly as possible; delay may affect the investigation of your complaint. When appropriate, the investigator will try to negotiate with the school informally. If the Department determines that violations of law have been committed and the school fails to take satisfactory and appropriate action then the Department may proceed with formal disciplinary charges. In addition to filing a complaint with the Department, you may also try to resolve your complaint directly with the school. Use the school's internal grievance procedure or discuss your problems with teachers, department heads, or the school director. We suggest that you do so in writing and that you keep copies of all correspondence to the school. However, the school cannot require you to do this before you file a complaint with the New York State Education Department. If you do file a complaint with the Department, please advise the Bureau of any action that you take to attempt to resolve your complaint.

**Withdrawal: Notification of the Director**

The failure of a student to notify the director in writing of withdrawal delay refund of tuition due pursuant to Section 5002 of the Education Law.

**Tuition Reimbursement Fund**

The Tuition Reimbursement Fund is designed to protect the financial interest of students attending proprietary schools. If a school closes while you are in attendance prior to the completion of your educational program then you may be eligible for a refund of all tuition expenses, which you have paid. If you drop out of school prior to completion and you file a complaint against the school with the State Education Department, you may be eligible to receive a tuition refund if the State Education Department is able to provide factual support that your complaint is valid and to determine that there was a violation of Education Law or the Commissioner's Regulations as specified in Section 126.17 of the Commissioner's Regulations.

To file a claim to the Tuition Reimbursement Fund, you must first file a complaint with the Bureau of Proprietary School Supervision, New York State Education Department, 116 West 32nd Street, 5th floor, New York, NY 10001. The staff of the State Education Department will assist you in the preparation of a tuition reimbursement form. A sample of this form will be provided to you upon enrollment at SYS-ED.

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**Enrollment Agreement**

**Hours of School Operation:**

Each course day consists of 7 hours of lecture and workshop. There are two 15 minute breaks in the morning, an hour for lunch and two 15 minutes breaks in the afternoon. Students are welcome to stay after class for extra workshop and instructor assistance free of charge.

SYS ED agrees to enroll the undersigned in the selected courses(s).

**Rules and Regulations (including student conduct and dismissal):**

All prices listed anywhere in this catalog include a non refundable \$150 registration fee per course. Supplies are optional and are the responsibility of the student to purchase. The course fee and additional related costs are due upon registration. A student may be terminated by the school for failure to conduct himself/herself in an acceptable manner or by a failure to meet all financial obligations. Each student who successfully completes a course will receive a certificate of completion.

**Agent Names and Certificate Numbers:**

Agent	Certificate Number
David Shapiro	

Agent	Certificate Number
David Silverberg	

**Refund Policy:**

A student who cancels or is discontinued within seven days of signing the enrollment agreement and at least two weeks before scheduled instruction begin, receives all monies paid with the exception of the non refundable registration fees. Any refunds to students who cancel, withdraw, or are dismissed shall be made within 30 days of such action. SYS-ED requires that notice of cancellation or withdrawal be given in writing. When the student withdraws from a course without giving written notice, the effective date of cancellation is the last date of the scheduled class. An enrolled student who by the middle of a course returns his/her course materials and informs either the instructor or a SYS-ED administrative aid that a course does not meet their learning objectives or does not meet their expectations will receive a full course refund. The failure of a student to notify the director in writing of withdrawal may delay refund of tuition due pursuant to Section 5002 of the Education Law.

**E-Commerce Correspondence:**

E-mail correspondence and web based electronic enrollment in SYS-ED courses are collected in a database and the IP addresses are analyzed for its origin and source. It is company policy to cooperate with law enforcement agencies and prosecute malicious and rogue actions in full compliance with federal and state regulations.

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**Enrollment Form**

<b>Sponsor - Send Invoice to.</b>							
Organization:				Contact:			
Address:			City:			State Zip:	
E-mail:			Phone:			Fax:	
<b>Payment</b>							
Check	\$	Cash	\$	Money Order	\$	PayPal	\$
Credit Card	<input type="checkbox"/> Amex	<input type="checkbox"/> Discover	<input type="checkbox"/> MasterCard	<input type="checkbox"/> Visa	Amount:	\$	
	Card #			Expiration Date			
<b>Billing Address</b>							
First name:				Last name:			
Address:				City:			
State:		Zip:		Phone:		Fax:	
<b>Course Details</b>							
Course ID	Course Title			Duration	Fee		
<b>Student Details - Send Confirmation to.</b>							
<b>Student 1</b>							
First Name:				Last Name:			
SS#				Date of Birth			
Address:			City:			State Zip:	
E-mail:			Phone:			Fax:	
<b>Student 2</b>							
First Name:				Last Name:			
SS#				Date of Birth			
Address:			City:			State Zip:	
E-mail:			Phone:			Fax:	
<b>Student 3</b>							
First Name:				Last Name:			
SS#				Date of Birth			
Address:			City:			State Zip:	
E-mail:			Phone:			Fax:	

I have read the entire agreement, accept a copy, and certify that there have been no verbal promises or commitments other than those appearing hereon. This agreement is not effective until it has been accepted by an authorized representative of the school. I acknowledge that I have received a copy of the disclosure material and school catalog containing the rules and regulations of the school. The student has been presented with the competency assessment specific to the curriculum that they are requesting to enroll in. SYS-ED provides no representations whatsoever regarding employment, and in fact, its stated policy is not to provide assistance in procuring employment for its students.

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

SYS-ED reserves the right to deny enrollment in its courses. Competency assessment questions, employer verification of the experience, and a interview by a SYS-ED Director are the criteria for precluding enrollment.

**Java Training for IT Professionals**

Since the 1980's, SYS-ED system consultant instructors have been in the forefront of [client/server](#) and [web enablement](#) technologies. We are recognized experts in the underlying programming languages - [C](#), [C++](#), [Java](#), [.NET](#), [middleware](#) - [WebSphere MQ](#) and web server environments - [Apache](#), [WebSphere](#), [WebLogic](#), [Oracle](#), and [IIS](#). More importantly, we are software company independent and can provide unbiased guidance and expertise on the different integrated development environments and platforms such as [Eclipse](#), [Rational](#), etc. And the benefits of open source versus proprietary code. No training company has the library of sample programs, tailored workshops, and customized training aids that we do.

SYS-ED's Java training is unique in the IT field; we teach [industry standard Java](#) inclusive of certification topics with consultancy derived programming examples, courseware and training aids. Our system consultants are [knowledge transfer](#) experts and SYS-ED Java courses showcase the state-of-the-art development tools and programming guidelines. Our [core Java curriculum](#) are in the process of being submitted to the [New York State Department of Education - Bureau of Proprietary School Supervision](#).

Our staff will take the time and make the effort to become familiar with a prospective client's operating environment and training objectives. We will then provide a written training strategy inclusive of a tailored course outline, programming examples, and training aids which will address design and development project specifications.

Updated information is available from:

[http://www.sysed.com/tech\\_assessments/leader/java\\_training.asp](http://www.sysed.com/tech_assessments/leader/java_training.asp)

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TM

**Java Implementations**

<a href="#">EJB</a>	
<a href="#">Integrated Development Environments</a>	
<a href="#">Oracle</a>	<a href="#">WebLogic</a>
<a href="#">WebSphere</a>	<a href="#">WebSphere MQ (MQSeries)</a>

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## **SYS-ED Approach to Java Training**

SYS-ED's commitment to excellence and roll-up-your sleeves work ethic has kept us on the leading edge of Java and open source technology. Our independence from the software companies and consultancy expertise provides a unique perspective to unbiased personalized training and ongoing support. Our Java courses are comparable to those offered by the software companies, with the value added standards mandated by the New York State Department of Education.

The Java course offerings included in our catalog have been reviewed and approved by the New York State Department of Education. The course titles and topics are included in the SYS-ED search engine.

Additional information is available from [www.javatrainingbysysed.us](http://www.javatrainingbysysed.us).



## **Java - Knowledge Transfer**

SYS-ED's Java courses use industry standard textbooks and instructor guides in conjunction with our own consultancy derived courseware, sample programs, library of workshops, and tailored training aids.

SYS-ED's curriculum is based upon classic principles of knowledge transfer and the training methodologies of Mike Murach & Associates text books. The Murach books have an international reputation for excellence and wide acceptance in trade schools, colleges, and universities. We have applied the theory from New York State Department of Education Bureau of Proprietary School Supervision mandated courses to our presentation of subject matter and troubleshooting guidelines.

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Sample

 <p><a href="#">Murach's Beginning Java 2</a>          ISBN 1-890774-12-X          Andrea Steelman</p>	 <p><b>Technology Driven          IT Training</b></p>	<p><b>Example:</b></p> <p>Search Engine          Course Title   Major Topics</p> <p>Augmented by Consultancy Derived Content</p> <p>Advertisement:  <a href="http://www.sysed.com/tech_assessments/javaad.htm">http://www.sysed.com/tech_assessments/javaad.htm</a></p> <p>Website with factual information:  <a href="http://www.javatrainingbysysed.us">http://www.javatrainingbysysed.us</a></p> <p>SYS-ED courseware and training aids have been developed from consultancy assignments and private courses conducted for Fortune 1000 companies, government municipalities, healthcare providers, and consulting firms.</p>
<p><a href="#">Murach Java Instructor Guide</a></p>	<p>To assist in skillset enhancement and facilitate knowledge transfer.</p> <p>Augmented by the SYS-ED courseware library.</p>	<ul style="list-style-type: none"> <li>1-Table of Contents</li> <li>2-Copyright Acknowledgement</li> <li>3-Performance Objectives</li> <li>4-Chapter 1: Sample</li> <li>5-Chapter 2: Sample</li> <li>6-Appendix: Training Aid</li> <li>7-Workshop</li> <li>8-Index</li> </ul>

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**Java: Course Titles/Topics**

Course ID	Course Title	Topics
INPR2011	Java Fundamentals	Overview of Java • Object-oriented programming • Java and the internet • Language elements • Java programs • GUI programming with AWT • Integrating Java with HTML • Rules/guidelines for using components
INPR2021	Java Application Development	Getting started with Java • Java language • Java language essentials • Object-oriented programs • Working with inheritance and interfaces • Designing and testing object-oriented programs • Working with operators and dates • Control statements • Arrays, strings, and vectors • Handling exceptions and debug code
INPR2022	Java Application Development: Advanced	Developing Java applications • Java libraries and classes • Threads • Streams • AWT class library • Java I/O utilities • Net class • Advanced applets • Advanced features • JDBC: Java Database Connectivity • JDBC application programming • Database queries
INPR2071	Java Servlets, JavaServer Pages, and XML	J2EE web applications • XML: Extensible Markup Language • DTD: Document Type Definitions • Servlets • JSP: JavaServer Pages • Custom JSP tags • Java naming and directory interface • JDBC: Java Database Connectivity • XSL: XML Stylesheet Language • DOM: Document Object Model • SAX API

Updates are available from the SYS-ED search engine and website.

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**Java: Course Dates/Fees**

Course ID	Course Title	Duration	Fee	New York Dates
INPR2011	<a href="#">Java Fundamentals</a>	2 days	\$595	<b>2008:</b> 9/25-26 <b>2009:</b> 1/7-8 4/21-22 7/21-22 10/20-21 12/24-25 <b>2010:</b> 4/27-28 7/27-28 10/26-27 12/30-31
INPR2021	<a href="#">Java Application Development</a>	5 days	\$2,295	<b>2008:</b> 9/8-12 <b>2009:</b> 3/23-27 10/19-23 <b>2010:</b> 3/29-4/2 10/25-29
INPR2022	<a href="#">Java Application Development: Advanced</a>	5 days	\$2,295	<b>2008:</b> 10/27-31 <b>2009:</b> 5/18-22 11/30-12/4 <b>2010:</b> 5/24-28 12/6-10
INPR2071	<a href="#">Java Servlets, JavaServer Pages and XML</a>	3 days	\$1,495	<b>2008:</b> 11/3-5 <b>2009:</b> 4/27-29 11/2-4 <b>2010:</b> 5/3-5 11/8-10

Updates are available from the SYS-ED search engine and website.

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A Computer Education  
Techniques company.

## **P**roductivity Through Training



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