

SYS-ED Courseware: Superior by Design



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Courseware

- SYS-ED courseware has been developed by technologist entrepreneurs, consultants out in the field, professional text book authors, and by salaried staff.
- SYS-ED/Computer Education Techniques, Inc. collective experience as consultants and its courseware library spans the onset of modern data processing.

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Courseware and Training Aids

Samples can be viewed at:

- Courseware:
<http://www.sysed.com/QCAll.htm>
- Training Aids:
<http://www.sysed.com/shared/refcards.asp>
- Technology Updates
http://www.sysed.com/shared/tech_update

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Collective Experience

- 1960's: SYS-ED's founder, Robert Blumfeld, did pioneering work with the initial releases of CICS at the New York Times and his association with Ed Yourdon, a contemporary and colleague at the company, resulted in a cross fertilization with the new techniques in structured analysis/design.
- 1970's, Mr. Blumfeld played a major role in the development of instructor-led training at On-line Software International and was a co-founder of Verhoef Information Packages.
- A cadre of consultants who were involved in first generation coding and debugging of programming languages (COBOL, Assembler Language, PL/1, FORTRAN, RPG) and VSAM, IMS, CICS, and DB2 have contributed to courseware development and taught courses for SYS-ED on a ongoing basis for the better part of a quarter century.

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Commitment to Excellence

- SYS-ED has consistently made the effort and spent the resources to monitor trends in the industry and master software technology.
- As consultants, we have used each successive generation of software technology.
- And equally as important, categorize and develop content to be used for effective knowledge transfer in addressing specific operating objectives.

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Impartial Intellectual Integrity

- With the regulations of the New York State Department of Education serving as the foundation, SYS-ED has developed a Knowledge Transfer Roadmap at the following url:
 - <http://www.sysed.com/KnowledgeTransferRM.htm>
- Few software companies, let alone consulting and training companies, have the inventory of courseware, sample programs, workshops, and training aids.

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New York State Department of Education - Standards

- SYS-ED welcomes the opportunity to apply the standards of the New York State Department of Education - Bureau of Proprietary School supervision to our courses and courseware and have this government agency pass judgment on our body of work and regulate our business operations.

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Curriculum Submission

- SYS-ED has submitted curricula in areas where we have a proven expertise and there is minimal existing certification standards.
- Programming languages:
COBOL, Assembler, REXX, PL/1, etc.
- Mainframe programming skills:
TSO/ISPF, JCL: Job Control Language, etc.
- Mainframe systems software:
VSAM, CICS, DB2, IMS
- Open source software.

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NRV - Nationally Recognized Vendor

- As part of its strategy, SYS-ED will be submitting legacy programming language and programming skills courseware for recognition as a Nationally Recognized Vendor.

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Documentation Specialists

- Content is managed by technical editors, who have multidisciplinary skillsets in applied information technology, publishing in academia, and advanced degrees in computer science, business administration, and management.
- The classic principles of adult learning are applied to the content, interpreting and translating subject matter into performance objectives, narrative descriptions, diagrams which trace the design, program logic and underlying architecture, and tailored industry- and client-specific examples.

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David Shapiro

David Shapiro, 25+ years experience in information technology, has developed and edited courseware in conjunction with the following consultants and text book authors:

- Pacifico Lim, CICS, COBOL, DB2, and IBM systems software.
- Robert Heydt, DB2.
- Shaku Atre/Atre International Consultants, Inc., IMS, IDMS, DB2, and ADABAS.
- Andy Novick, Visual Basic and Structured Analysis/Design.
- David Silverberg, UNIX operating system, system administration, network administration, scripting, and application development – C, C++, tools and utilities.

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David Silverberg

David Silverberg, 30+ years experience in information technology, was a first generation proponent and practitioner with the UNIX operating system.

- He has an international reputation for excellence in programming languages and IBM mainframe systems software.
- He wrote an acclaimed DB2 Systems Performance book as part of the Jay Ranade Series for McGraw-Hill.
- Has developed the content for WebSphere MQ courseware and is working with SYS-ED staff to publish a text book on IBM WebSphere MQ middleware.

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