

# Curriculum Vitae

## William E. Burrows

Associate Teaching Professor, Emeritus  
Foster Business School  
University of Washington  
Seattle, Washington

### Education

Master of Arts in Business Administration (Minor: Computer Science), University of Washington, 1971.

Bachelor of Arts in Business Administration (cum laude), University of Washington, 1970.

### Job Experience

Associate Teaching Professor, Information Systems, Business School, University of Washington (1989 – 2002).

Full-Time Lecturer, Information Systems, Business School, University of Washington (1983 – 1989).

Part-Time Lecturer, Information Systems, Business School, University of Washington (1977 – 1983).

Computer Services Manager, School of Business, University of Washington (1971 – 1983).

### Courses Taught

Information Systems (IS 200)

Introduction to Information Systems (IS 300)

Fundamentals of Application Programming (IS 320)

Object-Oriented Systems (IS 423)

Computer-Based Information Systems (IS 504)

MBA Core Information Systems (BA 501)

Data and File Structures (IS 520)

Information Systems Development (IS 560)  
Applications Programming (IS 579 Special Topics)  
Developing Web Applications (IS 579 Special Topics)  
Fundamentals of Information Systems Management (MSIS 501)  
Technical Foundations of E-Business (MSIS 531)

## Teaching Awards

MSIS Class of 2005 Excellence in Teaching Award

MSIS Class of 2004 Excellence in Teaching Award

MBA Professor of the Year

1989

1986

MBA Professor of the Quarter

Autumn 2000

Spring 2000

Spring 1991

Winter 1991

Autumn 1988

Spring 1983

Undergraduate Professor of the Year

1987

Undergraduate Excellence in Teaching Award

2000

1998

1997

## Publications

*Learning Programming with Microsoft Visual Basic.NET*, Burrows and Langford, Irwin/McGraw-Hill, 2003.

*Programming Business Applications with Microsoft Visual Basic 6.0*, Burrows and Langford, Irwin/McGraw-Hill, 2000.

*Programming Business Applications with Microsoft Visual Basic 5.0*, Burrows and Langford, Irwin/McGraw-Hill, 1998.

*Programming Business Applications with Visual Basic*, Burrows and Langford, Irwin/McGraw-Hill, 1997.

*EMBA Math Workshop*, Burrows, self-published on the Internet, 1998.

*A Guide to Data Modeling*, 5th Edition, Burrows, self-published, 1999.

*Using Microsoft Excel*, 4th Edition, Burrows, self-published, 1998.

*Using Microsoft Access*, 4th Edition, Burrows and Lou, self-published, 1997.

## **Curriculum Development**

Master of Science in Information Systems (2000-2001). Primary author of the proposal for a new Master of Science in Information Systems degree program within the Business School.

Undergraduate Information System Curriculum (1990-1991). Played a major role in the redesign of the undergraduate IS curriculum. This revised curriculum became the basis for offering the IS option within the Business School (a form of minor in IS).

**Courses Developed** - Sole responsibility for developing the following courses:

Introduction to Information Systems (IS 300 – 1984). Responsible for developing the curriculum for the required undergraduate IS course. Taught in a large lecture format with between 120-410 students.

Fundamentals of Application Programming (IS 320 – 1993). Introduced Visual Basic into the course curriculum and made major revisions in course content.

Object-Oriented Systems (IS 423 – 1992). Created a new course covering object-oriented concepts and programming. Course has evolved over time using three different programming languages (Object Pascal, Delphi, and Java). Another major revision is underway bringing in more server as well as client-side processing.

Computer-Based Information Systems (IS 504/BA 501 – 1985/1993). Created the original required MBA-level IS course then revised it to fit the revised MBA core curriculum.

Applications Programming (IS 579 Special Topics – 1999). Created a new MBA-level course in applications programming.

Developing Web Applications (IS 579 Special Topics – 2000). Developed the first course in the Business School that dealt with the development of Web applications. Included both client- as well as server-side technologies.

Fundamentals of Information Systems Management (MSIS 501 – 2003). Developed introductory course for the Master of Science in Information Systems program.

## **Instructional Technology Accomplishments**

### **Introduced interactive time-sharing to the Business School (1973).**

Developed plans for the first interactive time-sharing system within the University of Washington. Managed the acquisition and operation of the HP-2000 time-sharing system.

### **Expanded interactive time-sharing across UW campus (1979).**

Acted as project manager (on leave from the Business School) to plan and deploy the first phase of the campus-wide VAX instruction computer network.

### **Planned for the first PC instructional lab in the Business School (1982).**

Developed plans for the acquisition and installation of the first PC instructional lab within the Business School.

### **Designed/Deployed the first Internet distance learning course in the Business School (1998).**

Created the Business School's first distance learning offering for the Executive MBA program. This course consisted of voice-annotated PowerPoint slides. The course was featured on the University's UWired Profiles web site.

### **Provided support for UW campus-wide instructional and technology programs.**

Member of the UW Faculty Senate's Faculty Council on Instructional Quality (two terms) and Faculty Council on Educational Technology (two terms). Also a member of the Advisory Board for Classroom Support Services providing advice on classroom and technology needs campus wide.

**Provided design input for new construction.**

Served as a Business School representative on the design team for the new Business School library, teaching auditorium, and executive educational facility. Primary responsibility included technology infrastructure and pedagogical issues in the auditorium and executive center classrooms.