

Maribel S. Handy, Ph.D.

Education

Clark Atlanta University, M.S. Computer Science
Texas Southern University, Ph.D. Doctor of Philosophy

Contact Information

Texas Southern University
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Research Interests

The Impact of computers on Urban societies, Home-land-securities (Wireless-access)
(USA/International) Transportation logistics management (Supply-Chain), Computer-
Assistants (tool of learning), Online Pro & Cons of technology behavior on minorities groups
(Ethnography),The use of digital access after-disaster (Health-demographics) , Online Groceries
shopping Behavior (social-science), Transportation Food delivery to Store (Logistic),
Computer Ethics and society, Intelligent Transportation Systems and social behavior (ONSTAR),
Urban Technology cultural phenomena (digital-access), Environmental Policies on
disposal of hardware technology (digital-trash), Global large scale Ecosystem Impact on health
pollution (digital-trash), Pro & Cons Computer addicting on children and adults (social-
behavior), Digital trends for future cars tech. (Driverless-cars)

Experience

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|-----------------|---|
| 2007 to present | Instructor, Computer Science Department
Texas Southern University, Houston, Texas |
| 2005 to 2007 | Director of Instructional Technology
Texas Southern University, Houston, Texas |
| 1997-2005 | Systems Administrator Analyst (Software Dev.)
Georgia Institute of Technology, Atlanta, Georgia |
| 1995 to 1997 | Professor (Graduate Faculty program) Evenings
American Intercontinental University, Atlanta, Georgia |
| 1995 to 1996 | Professor (Community-college) Day-time
Atlanta Technical College, Atlanta, Georgia |
| 1994 to 1995 | Teacher Assistant (Upper-bound & Boing-Grant)
Clark Atlanta University, Atlanta, Georgia |

SKILLS AND CERTIFICATION

LINUX, UNIX ADMINISTRATOR, JAVA, HTML, JAVASCRIPT, PASCAL, PHP SCRIPTING, PERL SCRIPTING, COLDFUSION SCRIPTING, DBA WEB-DEVELOPMENT, ORACLE\PLSQL, VBSCRIPTS, HTTP ADMINISTRATION (WEB-SERVER), CGI CONECTIVITY TO WEB-SITE FORMS TO DIFFERENT SOFTWARE, COBOL, C AND C++, DBA NETWORKING TUNING (WINDOWS AND UNIX SYSTEMS), MICROSOFT APPLICATIONS , GIS, MINITAB, SAP-CRISTAL-REPORTS, IBM-SPSS, etc.

TEACHING / COURSES AT TSU

CIS-116 - Introduction to Computer Science I

*Microsoft-applications & Basic concepts of software and hardware.

Study of fundamental concepts of computing: how computers work, what they can do, and how they can be used effectively. Topics covered: spreadsheets, word processing, databases, presentation software, multimedia/graphics software, program design and implementation, and fundamental computing theories.

CIS-117 - Introduction to Computer Science II

*Basic concepts of web-programming (HTML & CSS)

Introduction to World Wide Web applications and their design, including Web scripting languages and HTML with hands-on directed laboratory activities. Two hours of lecture and one hour of lab per week.

CIS-425 - Ethics and Society

*Basic concepts software and hardware ethics (social issues)

This course is a study of the ethical and social issues related to computers and computer networks. It provides an introduction to the legal, social, and ethical issues surrounding information technology and to the societal risks addressed in software testing and reliability standards. Safety and relevant legal cases will be covered. Required for computer science majors. Two hours of lecture per week. Prerequisite: Junior level standing

Taught courses at previous universities

Intro-database-structure, PLSQL, SPSS-static, Web-programming, Intro-C and C++ programming, Intro to CGI- programming for database and Web-development & credit-card connectivity,. Intro-Visual-basic, intro-Pythom, Multimedia (Flash, Director, etc), intro-Javascript, intro-CSS-Programming, Coldfusion programming for database, Cristal-reports (all application software), Minitab-static, Intro- Operating Systems (Dos, Windows, Unix, Linux) . Java, Fortran, Pascal, Cobol, MYSQL, PHP.