Technology in the Workplace

COURSE INFORMATION
Course No.: EST 325 
Course Title: Technology in the Workplace 
Semester: Spring 2019 
Credits: 3 
Instructor: Rita Reagan-Redko 
Email: rita.reagan-redko@stonybrook.edu 
Office Hours: M-F, 8-2 email or call first
Office: Computer Science 1425
Phone: 631-632-1057

TEXT AND MATERIALS
Textbook: Using MIS, 10th Edition
Authors: David M. Kroenke
Edition: ©2017 | Pearson

Course Description:
A study of automation and information technologies in both manufacturing and service industries. Considers how technology is changing the work and lives of everyone from production workers to executives. Case studies are used to understand how technology can improve quality and productivity and how incorrect use produces disappointing results.

Software and Technology:
The University offers free Microsoft Office Professional Plus 2016 for PC Apple Users. The Research Portion of this class must be saved in Microsoft 97-2003 format or later.

MyMISLab Notes for Students:
- For Tech Support, Registration, Purchasing questions please contact the Pearson Representative Jessica Posillico directly at Jessica.Posillico@pearson.com.
- Make sure pop-up windows are allowed and use GOOGLE CHROME as your browser.

If there are any other students reaching out, please don’t hesitate to forward me the emails or direct them to me. It is important to me that the students have a seamless transition from the registration process to accessing the MyLab. Let me know if there is anything else either of you may need from me.

MyLab Tech Support:
For Students: http://247.pearsoned.com or 800-677-6337
For Educators: http://247.pearsoned.com or 888-433-8435
Learning Objectives:

• Give future professionals a perspective on how technology continuously changes the workplace and its impact on an organization’s/business’ competitiveness, its mission (profitability) and operations.

• Emphasize the application of information technology, but technologies that are used and evolving in various industry segments will be discussed.

• Technologies will be examined from the view of the organization/company and its stakeholders from management, to line personnel, to customers, to suppliers, to investors, to government and to the public at large.

• Looks at technology and the social, ethical and legal implications and specifically the challenges created by the ever expanding information accessibility and inter-connectivity on how information is managed, stored, retrieved, communicated and secured.

Chapters:

Each chapter includes three unique guides that focus on current issues in information systems. In each chapter, one of the guides focuses on an ethical issue in business and the second focuses on security. The third guide focuses on careers in the field of information systems. The content of each guide is designed to stimulate thought, discussion, and active participation in order to help you develop your problem solving skills and become a better professional.

Chapter 1
Ethics: Ethics and Professional Responsibility 23
Security: Passwords and Password Etiquette 26
Career Guide: Five-Component Careers 28

Chapter 2
Ethics: Big Brother Wearable’s 60
Security: Evolving Security 70
Career Guide: Software Product Manager 72

Chapter 3
Ethics: The Lure of Love Bots 86
Security: Hacking Smart Things 100
Career Guide: Director of Architecture 103

Chapter 4
Ethics: Free Apps for Data 142
Security: Poisoned Apps 148
Career Guide: Technical Account Manager 150
Chapter 5
Ethics: Querying Inequality? 166
Security: Big Data . . . Losses 188
Career Guide: Database Engineer 190

Chapter 6
Ethics: Cloudy Profit? 216
Security: From Anthem to Anathema 238
Career Guide: Senior Network Manager 241

Chapter 7
Ethics: Paid Deletion 268
Security: It's Not Me . . . It's You 280
Career Guide: IT Technical Manager 282

Chapter 8
Ethics: Synthetic Friends 312
Security: Digital Is Forever 325
Career Guide: International Content Director 327

Chapter 9
Ethics: MIS-diagnosis 350
Security: Semantic Security 372
Career Guide: Manager, Data and Analytics 37

Chapter 10
Ethics: Securing Privacy 398
Security: Exhaustive Cheating 412
Career Guide: Senior Consultant 414

Chapter 11
Ethics: Training Your Replacement 432
Security: Watching the Watchers 442
Career Guide: Senior Data Analyst 444

Chapter 12
Ethics: Estimation Ethics 466
Security: Psst. There's another Way, You Know... 488
Career Guide: Developing Your Personal Brand 490

Class Structure:

You can access class information on-line at: http://blackboard.stonybrook.edu Blackboard is the University's Web-based course management system. It enables you to access syllabi, course-related materials, assignments, assessments, and communication features provided by your instructor. All registered students (undergraduate and graduate) receive a Blackboard account
at the beginning of their first semester at Stony Brook. To access Blackboard, go to http://blackboard.stonybrook.edu and log in using your Net ID username and password.

If you still have questions and need help after reading through the online documentation, call (631) 632-9602 or e-mail helpme@stonybrook.edu. You can also stop in at the Melville Library SINC Site, Room S-1464 or the SB Union SINC Site, Room 080 to speak with a student consultant about Blackboard.

Assessment: You are expected to do your weekly assignments. These include chapter quizzes, simulations, and chapter extensions / articles. **Your work is due every Sunday by 11:59pm so you need to read the assigned chapter and do the work every week. Once you begin an assignment you must complete it in one sitting.** I will post in the discussion board section of Blackboard and will also send out an announcement/email.

**Assessment Breakdown:**

- Chapter Quizzes = 30%
- Chapter Simulations = 20%
- Chapter Extensions/Articles/Videos/ = 20%
- Paper = 30%

**Grading Scale**

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<th>Percentage %</th>
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<tr>
<td>&gt;= 94%</td>
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<td>&gt;=90%, but less than 94%</td>
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<td>&gt;=83%, but less than 87%</td>
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<td>&gt;=80%, but less than 83%</td>
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<td>&gt;=77%, but less than 80%</td>
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<td>&gt;=73%, but less than 77%</td>
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**Social Norms:**

Please be prepared to think and discuss on blackboard.

- Email: All emails will be answered as quickly as possible M-F. When School is closed emails may not be responded to till the day school reopens.

**DISABILITY SUPPORT SERVICES (DSS) STATEMENT**
If you have a physical, psychological, medical or learning disability that may impact your course work, please contact Disability Support Services, ECC (Educational Communications Center) Building, and room 128, (631) 632-6748. They will determine with you what accommodations, if any, are necessary and appropriate. All information and documentation is confidential.

ACADEMIC INTEGRITY STATEMENT:
Each student must pursue his or her academic goals honestly and be personally accountable for all submitted work. Representing another person's work as your own is always wrong. Faculty are required to report any suspected instances of academic dishonesty to the Academic Judiciary. Faculty in the Health Sciences Center (School of Health Technology & Management, Nursing, Social Welfare, and Dental Medicine) and School of Medicine are required to follow their school-specific procedures. For more comprehensive information on academic integrity, including categories of academic dishonesty, please refer to the academic judiciary website at http://www.stonybrook.edu/uaa/academicjudiciary/

CRITICAL INCIDENT MANAGEMENT:
Stony Brook University expects students to respect the rights, privileges, and property of other people. Faculty are required to report to the Office of Judicial Affairs any disruptive behavior that interrupts their ability to teach, compromises the safety of the learning environment, or inhibits students’ ability to learn. Faculty in the HSC Schools and the School of Medicine are required to follow their school-specific procedures.

NOTE: If you have a physical, psychiatric, medical or learning disability that may impact on your ability to carry out assigned course work, I would urge you to contact the staff in the Disabled Student Services office (DSS), Room 128, ECC, 632-6748/TDD.

DSS will review your concerns and determine, with you, what accommodations are necessary and appropriate. All information and documentation of a disability is confidential.

"The materials in this course available online or via a website link are for the exclusive use of registered students currently enrolled in this course and may not be further distributed. In addition to legal sanctions, violation of these copyright prohibitions may result in University disciplinary action."

This Syllabus and set of guidelines may be changed by the instructor at any time during the semester.