

<p style="text-align: center;">BOSTON UNIVERSITY COMPUTERS AND THEIR APPLICATIONS - COURSE SCHEDULE</p>

“Computers and Their Applications”: MET CS 101 A1 (Room –GCB-204)
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Fall 2012 Term
(617) 358-3095

Office Hours: Monday 9:00 PM – 9:30 PM or by appointment.
Office hours link at <http://people.bu.edu/gkeegan>

Text(s): Digital Planet: Tomorrow’s Technology and You, **Complete**, George Beekman and Ben Beekman (10th edition) ISBN: 978-0-13-209153-4

Grading contributions:

Two exams (Midterm and Final) at 30% each
Assignments = 15%
Class participation = 10%
Student research paper and presentation = 15%

	<u>MEETING</u>	<u>TOPIC</u>
1:	September 10	Course / Instructor / Student Introductions Demonstration: BlackBoard Assignment due by next class: <ul style="list-style-type: none">• Read Chapter 1• Read Chapter 2
2:	September 17	Chapter 1: Exploring Our Digital Planet Chapter 2: Hardware Basics – Inside the Box Demonstration: “N-tier” application Number Systems Assignment due by next class: <ul style="list-style-type: none">• Read Chapter3• Assignment #1
3:	September 24	Chapter 3: Hardware Basics: Peripherals Demonstration: Voice recognition systems Assignment due by next class: <ul style="list-style-type: none">• Read Chapter 4• Assignment #2
4:	October 1	Chapter 4: Software Basics – The Ghost in the Machine Demonstration: Operating system features Assignment due by next class: <ul style="list-style-type: none">• Read Chapter 5• Assignment #3

MEETING

TOPIC

***** No class on Monday October 8th Columbus Day Holiday – Tuesday is Monday schedule*****

*****October 9th – last day for a student to drop a class without a “W” on their transcript *****

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| 5: | Tuesday October 9 | Chapter 5: Productivity Applications
Demonstration: Office software - requested features
Assignment due by next class: <ul style="list-style-type: none">• Read Chapter 12• Read Chapter 6• Assignment #4 |
| 6: | October 15 | Chapter 12: Information Systems in Business
Chapter 6: Graphics, Digital Media, and Multimedia
Demonstration: MIT Beer Game (Supply Chain)
Assignment due by next class: <ul style="list-style-type: none">• Read Chapter 7• Assignment #5 |
| 7: | October 22 | Chapter 7: Database Applications and Privacy Implications
Demonstration: US Treasury – OFAC/SDN database
Midterm exam review
Assignment due by next class: <ul style="list-style-type: none">• Prepare for Mid-Term Exam• Chapters 1-7, 12 |
| 8: | October 29 | Mid-Term Exam
Assignment due by next class: <ul style="list-style-type: none">• Read Chapter 14 |
| 9: | November 5 | Chapter 14: Systems Design and Development
Demonstration: C++ and MATLAB Coding Examples
Assignment due by next class: <ul style="list-style-type: none">• Read Chapter 8• Assignment #6 |

***** November 9th – last day for a student to drop a class with a “W” on their transcript *****

*****10: November 12th – Veterans Day Holiday – Virtual class using BlackBoard – Topic TBD *****

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| 11: | November 19 | Chapter 8: Networking and Digital Communication
Demonstration: HTML basics
Student class presentations
Assignment due by next class: <ul style="list-style-type: none">• Read Chapter 13• Enjoy your Thanksgiving – no written assignment! |
| 12: | November 26 | Chapter 13: Electronic Commerce and E-Business
Demonstration: Web site development
Student class presentations
Assignment due by next class: <ul style="list-style-type: none">• Read Chapter 9• Assignment #7 |

	<u>MEETING</u>	<u>TOPIC</u>
13:	December 3	<p>Chapter 9: The Evolving Internet</p> <p>Student class presentations</p> <p>Assignment due by next class:</p> <ul style="list-style-type: none"> • Read Chapter 10 and Chapter 15 • Assignment #8
14:	December 10	<p>Chapter 10: Computer Security and Risks</p> <p>Chapter 15: Artificial Intelligence</p> <p>Demonstration: Biometrics devices</p> <p>Demonstration: Early AI – “Eliza”</p> <p>Student class presentations</p> <p>Final exam review</p> <p>Assignment due by next class:</p> <ul style="list-style-type: none"> • Prepare for the Final Exam – all chapters, labs and topics
15:	December 17	<p>FINAL EXAM: All chapters, assignments and topics</p>