NASSAU COMMUNITY COLLEGE
Department of
Mathematics / Computer Science / Information Technology

Course Syllabus for
ITE101 Introduction to Information Technology

Course Information

Title:	Introduction to Information Technology
Course Number:	ITE101
Credit Hours:	3.0 Credits
Section:	AA1
Semester / Term:	Fall 2019
Meeting Times:	Tuesday/Thursday 7:00pm – 8:20pm
Location:	B221

Instructor/Contact Information

Professor Name:	Marc Zucker
Office Location:	B3052
Office Hours:	Mondays & Wednesdays 3:30 – 4:45
Office Phone / Fax:	516-572-7383 ext.26884
Email Address:	Marc.Zucker@ncc.edu

Course Description

This course offers a broad-based introduction to the field of Information Technology (IT) including its evolution, current trends and future directions. Students will be exposed to the various aspects of IT along with an understanding of the technical support that is provided to employees and organizations. IT fundamentals, operating systems and hardware, web development, networking, and information and database systems will be covered. *Students will not receive credit for both ITE101 and CMP103.*

Course Pre-requisite

Students must have satisfied all MAT, ENG 001 and RDG 001 remediation requirements prior to starting the course (3 Contact Hours).

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Learning Outcomes and Objectives
To provide the student with an introduction to the field of Information Technology.

SUNY General Education Goals & Outcomes

1. Introduction to Information Technology
Students will be introduced to the field of Information Technology and the role it plays in business.

Outcome
1.1 Job Description
Students will explain what an Information Technology professional does and the career responsibilities associated with the field.

2. Understanding a Computer System
Students will develop an understanding of the role of hardware and software in a computer system.

Outcome
2.1 Hardware and Software
Students will identify hardware components and define the roles of hardware and software.

3. Networking
Develop the students' understanding of networking fundamentals and the Internet.

Outcome
3.1 Internet
Students will explain the role of the Internet and describe how a network works.

4. Constructing Web Pages
Introduce students to the programming tools required to create web pages.

Outcome
4.1 HTML Commands
Students will be able to write HTML code to generate an appropriate web page.

5. Database Theory
Introduce students to database theory and a relational database management system.

Outcome
5.1 Structured Query Language
Students will write SQL code to query a database.

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Instructional Methods
This course is taught using a variety of instructional methods including lecture, class discussion and hand-on computer lab instruction.

Textbook and Materials
Our Digital World, 4/E, By Gordon, Lankisch, Muir, Seguin, Verno, Published by Paradigm Publishing. ISBN: **978-0-76386-834-5**
(includes eBook w/ 1-year online access - code via email)

Student Responsibilities/Course Policies
Instructors need to complete the following for their specific policies. It is recommended that in class exams are required.

Homework:	There will be 8 homework's
Group Work:	There will be 3 in class group assignments
Exams:	There will be 4 exams total
Attendance / Lateness Policy:	Students are expected to arrive on time and prepared for class.
Missed Exam / Quiz Policy:	No extensions for late work. No makeups for missed exams. Missed presentations will also be penalized.
Extra Credit:	There will be a limited number of extra credit assignments offered.

Academic Dishonesty & Plagiarism
Academic dishonesty, which includes plagiarism and cheating, will result in some form of disciplinary action that may lead to suspension or expulsion under the rules of the Student Code of Conduct. Cheating can take many forms including but not limited to copying from another student on an examination, using improper forms of assistance, or receiving unauthorized aid when preparing an independent item of work to be submitted for a grade, be it in written, verbal or electronic form. Anyone who assists or conspires to assist another in an act of plagiarism or any other form of academic dishonesty may also be subject to disciplinary action.

Plagiarism is a particular type of academic dishonesty that involves taking the words, phrases or ideas of another person and presenting them as one's own. This can include using whole papers and paragraphs or even sentences or phrases. Plagiarized work may also involve statistics, lab

assignments, art work, graphics, photographs, computer programs and other materials. The sources of plagiarized materials include but are not limited to books, magazines, encyclopedias or journals; electronic retrieval sources such as materials on the Internet; other individuals; or paper writing services.

A student may be judged guilty of plagiarism if the student:

(a) Submits as one's own an assignment produced by another, in whole or in part.
(b) Submits the exact words of another, paraphrases the words of another or presents statistics, lab assignments, art work, graphics, photographs, computer programs and other materials without attributing the work to the source, suggesting that this work is the student's own.

Allegations of student plagiarism and academic dishonesty will be dealt with by the appropriate academic department personnel. It is the policy of Nassau Community College that, at the discretion of the faculty member, serious acts will be reported in writing to the Office of the Dean of Students, where such records will be kept for a period of five years beyond the student's last semester of attendance at the College. These records will remain internal to the College and will not be used in any evaluation made for an outside individual or agency unless there is a disciplinary action determined by a formal ruling under the Student Code of Conduct, in which case only those records pertaining to the disciplinary action may apply. A student whose alleged action is reported to the Office of the Dean of Students will be notified by that office and will have the right to submit a letter of denial or explanation. The Dean will use his/her discretion in determining whether the alleged violation(s) could warrant disciplinary action under the Student Code of Conduct. In that case the procedures governing the Code of Conduct will be initiated.

Copyright Statement

The Higher Education Opportunity Act of 2008 (HEOA) requires the College to address unauthorized distribution of copyrighted materials, including unauthorized peer-to-peer file sharing.

Thus, the College strictly prohibits the users of its networks from engaging in unauthorized distribution of copyrighted materials, including unauthorized peer-to-peer file sharing. Anyone who engages in such illegal file sharing is violating the United States Copyright law, and may be subject to criminal and civil penalties. Under federal law, a person found to have infringed upon a copyrighted work may be liable for actual damages and lost profits attributable to the infringement, and statutory damages of up to $150,000. The copyright owner also has the right to permanently enjoin an infringer from further infringing activities, and the infringing copies and equipment used in the infringement can be impounded and destroyed. If a copyright owner

elected to bring a civil lawsuit against the copyright infringer and ultimately prevailed in the claim, the infringer may also become liable to the copyright owner for their attorney's fees and court costs. Finally, criminal penalties may be assessed against the infringer and could include jail time, depending upon the severity of the violation. Students should be aware that unauthorized or illegal use of College computers (such as engaging in illegal file sharing and distribution of copyrighted materials), is an infraction of the Student Code of Conduct and may subject them to disciplinary measures. To explore legal alternatives to unauthorized downloading, please consult the following website: http://www.educause.edu/legalcontent.

Course Resources

Suggested websites:	The following online resources are recommended for the HTML component of the course. http://www.w3schools.com/html/default.asp http://www.w3.org/MarkUp/Guide/ http://www.webreference.com/authoring/languages/html/tutorials.html
Library services:	Course textbook is available at the reference desk at the NCC library.
Labs and learning centers:	As part of this course, students should avail themselves to further study and/or educational assistance that is available in the Computer Center in B225.
Extra help options:	Office hours if available and the Computer Center in B225.

Assessments and Grading Methods

- Homework 20%
- Group Work 10%
- Exams (3 exams) 40%
- Final Exam 30%

Americans with Disabilities Statement & Non-discrimination Statement

If you have a physical, psychological, medical, or learning disability that may have an impact on your ability to carry out the assigned coursework, I urge you to contact the staff at the Center for Students with Disabilities (CSD), Building U, (516) 572 – 7241, TTY (516) 572 – 7617. The counselors at CSD will review your concerns and determine to what reasonable accommodations you are entitled as covered by the Americans with Disabilities Act and section 504 of the Rehabilitation Act of 1973. All information and documentation pertaining to personal disability will be kept confidential.

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Course Schedule and Important Dates

ITE 101 - AA1 Fall 2019 Tentative Schedule

The following is intended to provide you with a tentative outline of how this course will progress. Dates of exams may be adjusted to account for progress of the class as a whole.

Class #	Day	Date	Topics	Read	Due
Day 1	Tue	3-Sep	Meet & Greet IT/Hardware/Software	Chapter 1	
Day 2	Thu	5-Sep	Hardware/Software	Chapter 2	Project 1.2.1
Day 3	Tue	10-Sep	Hardware/Software		Project 2.2.1
Day 4	Thu	12-Sep	*Hardware/Software*		
Day 5	Tue	17-Sep	*Group Collaboration Day*		
Day 6	Thu	19-Sep	*Exam 1 Review*		
Day 7	Tue	24-Sep	***Group Presentation Day***		
Day 8	Thu	26-Sep	**Exam 1**		
Day 9	Tue	1-Oct	The Internet	Chapter 3	
Day 10	**Thu**	3-Oct	Intro to Networks		Project 3.2.1
Day 11	Thu	10-Oct	Networks	Chapter 4	
Day 12	Tue	15-Oct	Networks/Security		Project 4.2.1
Day 13	Thu	17-Oct	*Networks/Security*		
Day 14	Tue	22-Oct	*Evening Activity - no classes*		
Day 15	Thu	24-Oct	*Exam 2 Review*		
Day 16	Tue	29-Oct	**Group Presentation Day**		
Day 17	Thu	31-Oct	**Exam 2**		
Day 18	Tue	5-Nov	HTML - - Into and Tutorial 1	Chapter 5	
Day 19	Thu	7-Nov	HTML – Tutorial 1 and HW		HTML HW 1(HW5)
Day 20	Tue	12-Nov	HTML - - Tutorial 2		
Day 21	Thu	14-Nov	HTML - - Tutorial 2 + Homework	Chapter 6	HTML HW 2(HW 6)
Day 22	Tue	19-Nov	HTML - - Tutorial 3		
Day 23	Thu	21-Nov	HTML Tutorial 3 + Homework		HTML HW 1(HW 7)
Day 24	**Tue**	26-Nov	**Exam 3**		
Day 25	Tue	3-Dec	Databases	Chapter 7	
Day 26	Thu	5-Dec	Databases		
Day 27	Tue	10-Dec	Group Work Day		
Day 28	Thu	12-Dec	**Group Presentation Day**	Chapter 8	
Day 29	Tue	17-Dec	**Exam 4**		HTML Tutorial 4 & 5 (HW 8)