



Computer Ethics Syllabus

Class:	CIS 101 -- 81002
Semester:	Fall 2017
Classroom and Class Time:	8:30AM – 10:00AM MW
Start and End Dates:	8/21/2017 to 12/15/2017
Academic Department:	Career and Technical Education -- Peosta

Final: The final examination date and time will be announced generally by the fifth week of classes. I will announce the final examination date and time for this course on Brightspace once it is known. Do not plan your end of the semester travel plans until the final exam schedule is made public. It is your responsibility to know the date, time, and place of the final exam. Every class must have a final meeting during the established time frame. All classes are required to meet throughout their scheduled timeframe including the final exam date.

Instructor Information

Name: Patrice Caux

Phone: 563-556-5110 extension 218

Email: cauxp@nicc.edu

NICC email is the official means of communication, you should regularly check your email.

Office Location: 128

Office Hours: 3-4:30PM MW; 3-4PM TTH

Best method to contact instructor: EMAIL

*NICC has a commitment to respond to student communication within
24 hours on a school day, and 48 hours on non-school days.*

Course Information

Course Description

This course provides a study of ethics and moral philosophy as a means for providing a framework for ethically grounded decision making in the information age. Students will study current regulation and practices pertaining to professional conduct and responsibility.

Primary Common Learning Outcome Assessed: Value self and others

Unit Objectives

Upon completion of this course, the student will be able to perform tasks related to:

- Definition of Ethics
- Privacy
- Freedom of Speech
- Intellectual property
- Crime
- The workplace
- Errors, Failures, and Risks
- Professional Ethics and Responsibility

Required Materials: *Textbook, Gift of Fire (Pearson) – Baase and Henry*

Methods of Delivery: *Face-to-face*

Grading Procedures and Scale	Final Presentation	20%
	Written Final Exam	20%
	Notes	20%
	Discussions	20%
	Chapter Tests	20%

Grades for assignments will be posted into Brightspace within 48 hours of submission.

Grade	Grading Scale by Percent of Total Points <i>Ex. (94 - 100%)</i>	Grading Scale by Points <i>Ex. (940 - 1000+)</i>
A	93 – 100%	
A-	90 – 92%	
B+	88 – 89%	
B	83 – 87%	
B-	80 – 82%	
C+	78 – 79%	
C	73 – 78%	
C- (or P)	70 – 72%	
D+	68 – 69%	
D	63 – 67%	
D-	60 – 63%	
F (or NP)	00 – 59%	

Course Calendar

Details of the course, deadlines, and organization can be found at the end of the syllabus.

Student Course Feedback

Prior to course completion you will receive an email providing a link to share your feedback. You are **EXPECTED** to complete the feedback form for each class.

Assessment

Northeast Iowa Community College is an institution dedicated to continuous instructional improvement as part of our assessment efforts. It is necessary for us to collect and analyze course level data. Data drawn from student work for the purposes of institutional assessment will be posted in aggregate and will not identify individual students. Your continued support in our ongoing effort to provide quality instructional services at NICC is appreciated.

Course Policies

Attendance/Academic Engagement

Students are expected to be present each for lecture and lab activities. Missed labs have to be made up in order to make up the points. The instructor will report students with excessive absences for financial aid accountability.

Academic Dishonesty

Be prepared to defend your assignments orally. Discussion of labs is encouraged, but copying of labs is forbidden. Students turning in other's work as their own will receive zero points for the assignment. Continued plagiarism will result in failure of the course. All written assignments will be submitted to Turnitin.com for evaluation of potential plagiarized material.

For a detailed explanation of plagiarism, visit the Lib Guide on plagiarism at <http://nicc.libguides.com/citingsources>

Late Work

All assignments are due on the date specified in Brightspace. Prior consent of instructor is required (by email) to receive credit for assignments turned in late

Missing Assignments

ZERO points.

Makeup Testing

Prior consent of instructor is required to make up a test.

Use of Technology in the Classroom

Cell Phone/Text Messaging Usage

Keep Phone off/silent, take calls outside of classroom. Texting during class is discouraged and should be used for emergencies. No Cell Phone access during exams.

Laptop Use

Student discretion

Recording

Student discretion

Classroom Conduct

Behavior

Students are responsible to know college Conduct Policies/ Procedures in the Student Handbook.

Emergency Procedures

Review Orange "Quick Reference" Information posted in each classroom.

Additional Information

Disclaimer:

This syllabus and its course calendar are subject to change at any time.

Learning Center

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Access

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ReadSpeaker for Brightspace by D2L



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Netiquette

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Accommodation Policy:

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It is also the policy of this District that the curriculum content and instructional materials utilized reflect the cultural and racial diversity present in the United States and variety of careers, roles and lifestyles open to women as well as men in our society. One of the objectives of the total curriculum and teaching strategies is to reduce stereotyping and to eliminate bias on the basis of age, race, creed, color, sex, sexual orientation, gender identity, national origin, religion or disability. The curriculum should foster respect and appreciation for cultural diversity found in our country and an awareness of the rights, duties and responsibilities of each individual as a member of a pluralistic society. Inquiries and grievances regarding compliance with applicable state and federal laws may be directed to the executive director of human resources, P.O. Box 400, Calmar, Iowa 52132, or to the Director of the Iowa Civil Rights Commission, Des Moines, Iowa, or to the Director of the Region VII Office of Civil Rights, Department of Education, Kansas City, Missouri.

Course Calendar

Due Date	Assignment	Lesson	Point Value	Program Learning Outcome	Common Learning Outcome
8/30/2017	Test, Notes, and Discussion	Chapter 1	20%	Students will be able to analyze the local impact of computing on individuals.	Value self and others
9/13/2017	Test, Notes, and Discussion	Chapter 2	20%	Students will be able to analyze the local impact of computing on individuals.	Value self and others
9/25/2017	Test, Notes, and Discussion	Chapter 3	20%	Students will be able to analyze the local impact of computing on individuals.	Value self and others
10/4/2017	Test, Notes, and Discussion	Chapter 4	20%	Students will be able to analyze the local impact of computing on individuals.	Value self and others
10/18/2017	Test, Notes, and Discussion	Chapter 5	20%	Students will be able to analyze the local impact of computing on individuals.	Value self and others
10/30/2017	Test, Notes, and Discussion	Chapter 6	20%	Students will be able to analyze the local impact of computing on individuals.	Value self and others
11/8/2017	Test, Notes, and Discussion	Chapter 7	20%	Students will be able to analyze the local impact of computing on individuals.	Value self and others
11/20/2017	Test, Notes, and Discussion	Chapter 8	20%	Students will be able to analyze the local impact of computing on individuals.	Value self and others
12/4/2017	Test, Notes, and Discussion	Chapter 9	20%	Students will be able to analyze the local impact of computing on individuals.	Value self and others
12/6/1/2017	Final Presentation	Topic chosen from List	20%	Students will be able to analyze the local impact of computing on individuals.	Value self and others



Programming Logic and Design Syllabus

Class:	CIS 122 -- 81001
Semester:	Fall 2017
Classroom and Class Time:	10:00AM – 11:55PM TR
Start and End Dates:	8/22/2017 to 12/14/2017
Academic Department:	Career and Technical Education -- Peosta

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Instructor Information

Name: Joanie McDonough

Phone: 563-556-5110 extension 310

Email: mcdonoughj@nicc.edu

NICC email is the official means of communication; you should regularly check your email.

Office Location: 128

Office Hours: 9:30-10:30AM MW; 4:00-5:00PM TR

Best method to contact instructor: EMAIL

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24 hours on a school day, and 48 hours on non-school days.*

Course Information

Course Description

This course provides a basic introduction to the design and development cycles utilized in many computer-related occupations. The overall course goal is to develop a good understanding of

program development.

Primary Common Learning Outcome Assessed: Think Critically

Unit Objectives

By the end of this course, students will be able to do the following:

- Define the programming development cycle.
- Understand the role of the client/identify the audience.
- Become familiar with tools used to aid in program/logic design.
- Use pseudo code and/or flowcharts to develop program logic.
- Design programs which involve input, output, branching, and looping.
- Apply a team approach to designing program logic..

Required Materials: A flash drive is recommended.

Methods of Delivery: *Face-to-face*

Grading Procedures and Scale	Final Presentation	20%
	Written Final Exam	20%
	Worksheets	20%
	Labs	20%
	Chapter Tests	20%

Grades will be posted into Brightspace.

Grading Scale	
percentage	grade
93% - 100%	A
86% - 92%	B
78% - 85%	C
70% - 77%	D
0% - 69%	F

Course Calendar

Details of the course, deadlines, and organization can be found at the end of the syllabus.

Student Course Feedback

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Course Policies

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Be prepared to defend your assignments orally. Discussion of labs is encouraged, but copying of labs is forbidden. Students turning in other's work as their own will receive a grade of F for the course. Written assignments may be submitted to Turnitin.com for evaluation of potential plagiarized material.

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Late Work

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Missing Assignments

ZERO points.

Makeup Testing

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Laptop Use

Student discretion

Recording

Student discretion

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Course Calendar

Due Date	Assignment	Lesson	Point Value	Program Learning Outcome	Common Learning Outcome
8/31/2017	Worksheets, Labs	Chapter 1	20%	Participants will be responsible for designing logic.	Value self and others
9/14/2017	Worksheets, Labs	Chapter 2	20%	Participants will be responsible for designing logic.	Value self and others
9/28/2017	Worksheets, Labs	Chapter 3	20%	Participants will be responsible for designing logic.	Value self and others
10/12/2017	Worksheets, Labs	Chapter 4	20%	Participants will be responsible for designing logic.	Value self and others
10/26/2017	Worksheets, Labs	Chapter 5	20%	Participants will be responsible for designing logic.	Value self and others
11/9/2017	Worksheets, Labs	Chapter 6	20%	Participants will be responsible for designing logic.	Value self and others
12/5/2017	Worksheets, Labs	Chapter 7	20%	Participants will be responsible for designing logic.	Value self and others
12/12/2017	Final Presentation	Topic chosen from List	20%	Participants will be responsible for designing logic.	Value self and others



Java Syllabus

Class:	CIS 171 -- 81001
Semester:	Fall 2017
Classroom and Class Time:	L113 – T @ 5:00 to 7:00 pm
Start and End Dates:	8/22/2017 to 12/12/2017
Academic Department:	Career and Technical Education -- Peosta

Final: The final examination date and time will be announced generally by the fifth week of classes. I will announce the final examination date and time for this course on Brightspace once it is known. Do not plan your end of the semester travel plans until the final exam schedule is made public. It is your responsibility to know the date, time, and place of the final exam. Every class must have a final meeting during the established time frame. All classes are required to meet throughout their scheduled timeframe including the final exam date.

Instructor Information

Name: Patricia Oberbroeckling

Phone: 563-556-5110 or 800-728-7367, Ext: 235

Email: oberbroecklingp@nicc.edu

NICC email is the official means of communication, you should regularly check your email.

Office Location: Room 135

Office Hours: MW – 12:30 to 3:00pm

Best method to contact instructor: by email

*NICC has a commitment to respond to student communication within
24 hours on a school day, and 48 hours on non-school days.*

Course Information

Course Description

Students will learn the basic features of the Java programming language and explore the concepts of object-oriented programming, event handling, user interface programming, and graphic techniques. Gain practical experience creating and modifying GUI Java applications.

Primary Common Learning Outcome Assessed: Think Critically

Unit Objectives

Refer to the course guide in the Brightspace course room under the Syllabus topic in the content area.

Required Materials

Java Programming: From Problem Analysis to Program Design by D.S. Malik (5th Edition)
ISBN-13: 9781111530532

Computer storage. Possibilities include your hard-drive, Google Drive or a USB drive.

Methods of Delivery: Hybrid

Grading Procedures and Scale

Student comprehension and performance will be evaluated by the student's ability to complete all of the assigned coursework and exams. Assignments will be submitted through Dropbox in **Brightspace**. Assignments submitted through email, unless otherwise specified within the assignment instructions, will **not** be graded. Assignments will be graded and scores posted in Brightspace within one week from the due date.

The total earned points will be converted to a percentage, the percentage will be rounded, and applied to the following grading scale to determine the final grade.

Grade	Grading Scale by Percent of Total Points <i>Ex. (94 - 100%)</i>	Grading Scale by Points <i>Ex. (940 - 1000+)</i>
A	96 – 100%	590 – 615
A-	93 – 95%	572 – 584
B+	90 – 92%	554 – 566
B	87 – 89%	535 – 547
B-	84 – 86%	517 – 529
C+	80 – 83%	492 – 510
C	75 – 79%	461 – 486
C- (or P)	70 -74%	431 – 455
D+	66 – 69%	406 – 424
D	63 – 65%	387 – 400
D-	60 – 62%	369 – 381
F (or NP)	00 – 59%	0 - 363

	# of Assignments	Points
Chapter homework	20	400
Daily Quizzes	2	15
Tests	2	200
Total Points possible	22	615

Course Calendar

Details of the course, deadlines, and organization can be found at the end of the syllabus.

Student Course Feedback

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Assessment

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Course Policies

Attendance/Academic Engagement

Students are expected to attend every class. The amount of time spent on the course depends on the type of learner you are, the level of proficiency you are at, and your desire to learn. Only you can determine how much time to spend, but the student should expect to spend about 12-14 hours a week on this course, 2 hours in class and 10 to 12 hours outside of class. Before you continue with the course, be sure you can devote the correct amount of time to the subject. Be sure to take into account other course work, your work schedule (including travel), your family life, and any other factors that may influence your study time. You are the most important factor in this formula for your success. To succeed you must put in maximum effort and communicate with me and your fellow students.

As a student in this course you are responsible for reading, studying, asking questions, completing assignments, checking your email, announcements, discussion, grade book at least twice a week and being organized and staying on schedule for the entire semester.

Not having the required materials the first day of class is not a valid excuse for an extension on assignments. It is your responsibility to start the class on the first day with all required materials.

Choosing to not complete all required assignments does not give a valid reason to request extra credit. There

is NO extra credit for this class.

Academic Dishonesty

NICC is committed to high standards of academic honesty. Students will be held responsible for violations of these standards. Please refer to the NICC College Catalog (www.nicc.edu/catalog) for a definition of academic dishonesty and potential disciplinary actions associated with it.

Generally, scholastic dishonesty is interpreted as cheating on an examination or assignment, which includes giving or receiving information, copying, using unauthorized materials in test, collaboration during examinations, substituting for another person or allowing substitutions during examination; plagiarism, submission of work other than one's own; and collusion with another person or persons in submitting work for credit unless such collaboration is approved in advance by the instructor.

Plagiarism: Webster's Third International Dictionary defines plagiarism as follows:

"Plagiarism—to steal and pass off, as one's own the ideas or words of another; to use without crediting the source; to present as new and original an idea or product derived from an existing source; to commit literary theft."

For a detailed explanation of plagiarism, visit the Lib Guide on plagiarism at <http://nicc.libguides.com/citingsources>

The consequences for violating the academic misconduct policy are as follows:

First offense: The student will receive a "0" for the given assignment or exam. The student will not be allowed to redo the assignment or exam. Documentation of the offense will be given to the Dean and placed in the student's academic file. Students are encouraged to speak with the instructor to discuss their actions.

Second offense: If a student commits another act of academic misconduct, the student will receive a "0" for the given assignment or exam and a final grade of "F" for the course. Documentation of the offense will be given to the Dean and placed in the student's academic file.

Late Work

Any work not submitted by the due date/time will be considered late. Late work will not be accepted without a previous discussion with the instructor and an exception granted by the instructor. I will allow only one assignment to be submitted late throughout the semester.

Missing Assignments

Any missing assignments will be given a zero.

Makeup Testing

No late or make-up exams will be given without prior arrangements made with the instructor.

Use of Technology in the Classroom

Cell Phone/Text Messaging Usage

Prohibited during scheduled class time

Laptop Use

By request, with instructor's permission; recreational use during scheduled class time is prohibited

Recording

By request, with instructor's permission

Classroom Conduct

Students are responsible to know the Student Conduct code in the College Catalog.

Behavior

Appropriate conduct is required at all times in the classroom environment. You need to use professional language and attitudes when addressing all members of the class. You may not use in class or post messages on discussions that use foul language or inappropriate comments. Use of this nature will result in immediately being denied access to the course. We all need to remain respectful of everyone in the class at all times. Any issues you need to discuss that are personal or concerning grades, missed assignments, feelings towards another student or the instructor are to be addressed with face-to-face communication with the instructor or the course email in Brightspace.

Always allow yourself extra time to accommodate any technical difficulties you may experience. Technical difficulties do not give you an excuse to hand in late assignments. Loss of a student's storage media, assignments, equipment failure or loss of ISP will not excuse the student from completing the course requirements on time. You need to have a backup plan in place at the beginning of this class so in case your equipment fails you can still complete and submit your assignments on time.

If you cannot or choose not to complete the course, please contact an advisor to drop or withdraw. Students who remain enrolled but fail to complete the requirements of the course will receive a "F".

Emergency Procedures

In the event of an external or internal disaster, follow the directions the placards in each room. Drills will be held for external and internal emergencies. In the event of a medical emergency call 9-911 from any college telephone.

Additional Information**Disclaimer:**

The course calendar is a guide and subject to change due to unexpected and unavoidable issues, weather conditions, power outages, etc.. Announcements regarding changes will be made in class and/or via Brightspace Announcements.

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Course Calendar

Due Date	Assignment	Lesson	Unit	Point Value	Program Learning Outcome	Common Learning Outcome
9/7/2017	Program 1	Basic Java	Chapter 2	20	Students will be able to work effectively in teams to design and implement solutions.	Apply knowledge and skills to life
9/8/2017	Program 2	Variables in Java	Chapter 2	20	Students will be able to identify the importance of maintaining the integrity of data.	Apply knowledge and skills to life
9/14/2017	Program 3	Expressions	Chapter 2	20	Students will be able to identify the importance of maintaining the integrity of data.	Think Critically
9/15/2017	Program 4	Expressions	Chapter 2	20	Students will be able to identify the importance of maintaining the integrity of data.	Think Critically
9/21/2017	Program 5	GUI Input and Output	Chapter 3	20	Students will be able to identify the importance of maintaining the integrity of data.	Think Critically
9/19/2017	Program 6	File Input and GUI Output	Chapter 3	20	Students will be able to identify the importance of maintaining the integrity of data.	Think Critically
9/22/2017	Method Quiz			5	Students will be able to work effectively in teams to design and implement solutions.	Apply knowledge and skills to life
9/28/2017	Program 7	Selection	Chapter 4	20	Students will be able to work effectively in teams to design and implement solutions.	Think Critically

9/29/2017	Program 8	Selection	Chapter 4	20	Students will be able to work effectively in teams to design and implement solutions.	Think Critically
10/5/2017	Program 9	Repetition	Chapter 5	20	Students will be able to work effectively in teams to design and implement solutions.	Think Critically
10/6/2017	Program 10	Repetition	Chapter 5	20	Students will be able to work effectively in teams to design and implement solutions.	Think Critically
10/13/2017	Program 11	GUI and OOD	Chapter 6	20	Students will be able to analyze the local impact of computing on individuals.	Think Critically
10/10/2017	Midterm			100	Students will be able to work effectively in teams to design and implement solutions.	Apply knowledge and skills to life
10/27/2017	Program 12	User-Defined Methods	Chapter 7	20	Students will be able to work effectively in teams to design and implement solutions.	Think Critically
11/2/2017	Program 13	User-Defined Classes and ADTS	Chapter 8	20	Students will be able to work effectively in teams to design and implement solutions.	Think Critically
11/3/2017	Program 14	User-Defined Classes and ADTS	Chapter 8	20	Students will be able to work effectively in teams to design and implement solutions.	Think Critically
11/10/2017	Program 15	Arrays	Chapter 9	20	Students will be able to work effectively in teams to design and implement solutions.	Think Critically
11/17/2017	Program 16	Inheritance and Polymorphism	Chapter 10	20	Students will be able to work effectively in teams to design and implement solutions.	Think Critically
12/1/2017	Program 17	Handling Exceptions and Events	Chapter 11	20	Students will be able to work effectively in teams to design and implement solutions.	Think Critically

11/28/2017	Final Quiz			10	Students will be able to work effectively in teams to design and implement solutions.	Apply knowledge and skills to life
12/8/2017	Program 18	Advanced GUIs and Graphics	Chapter 12	20	Students will be able to analyze the local impact of computing on individuals.	Think Critically
12/11/2017	Program 19	Recursion	Chapter 13	20	Students will be able to work effectively in teams to design and implement solutions.	Think Critically
12/13/2017	Program 20	Searching and Sorting	Chapter 14	20	Students will be able to work effectively in teams to design and implement solutions.	Think Critically
	Final			100	Students will be able to work effectively in teams to design and implement solutions.	Apply knowledge and skills to life



iOS Programming Syllabus

<i>Class:</i>	CIS 177 -- 81001
<i>Semester:</i>	Fall 2017
<i>Classroom and Class Time:</i>	5:00PM – 7:00PM TR
<i>Start and End Dates:</i>	8/24/2017 to 12/14/2017
<i>Academic Department:</i>	Career and Technical Education -- Peosta

Final: The final examination date and time will be announced generally by the fifth week of classes. I will announce the final examination date and time for this course on Brightspace once it is known. Do not plan your end of the semester travel plans until the final exam schedule is made public. It is your responsibility to know the date, time, and place of the final exam. Every class must have a final meeting during the established time frame. All classes are required to meet throughout their scheduled timeframe including the final exam date.

Instructor Information

Name: Joanie McDonough

Phone: 563-556-5110 extension 310

Email: mcdonoughj@nicc.edu

NICC email is the official means of communication; you should regularly check your email.

Office Location: 128

Office Hours: 9:30-10:30AM MW; 4:00-5:00PM TR

Best method to contact instructor: EMAIL

*NICC has a commitment to respond to student communication within
24 hours on a school day, and 48 hours on non-school days.*

Course Information

Course Description

This course provides the student with a basic introduction to the design and development of mobile applications for the Apple iOS platform. This course will take students from concept through

completion of increasingly complex projects .

Primary Common Learning Outcome Assessed: Think Critically

Unit Objectives

By the end of this course, students will be able to do the following:

- Understand the environment for application development.
- Define the development cycle for mobile applications .
- List the languages available for app development on the iOS platform.
- Understand the strengths and differences of the languages.
- Develop an easy to understand interface.
- Use auto sizing and auto rotation.
- Design and create applications.
- Set default values for users.
- Create test data for iOS apps.
- Document testing and make improvements to the apps where flaws are discovered.
- Create enhancements for applications.

Required Materials: A flash drive is required.

Methods of Delivery: *Hybrid*

Grading Procedures and Scale	Tutorial Projects	50%
	Discussions	10%
	Written Tests	30%
	Final Project	20%

Grades will be posted into Brightspace.

Grading Scale	
percentage	grade
93% - 100%	A
86% - 92%	B
78% - 85%	C
70% - 77%	D
0% - 69%	F

Course Calendar

Details of the course, deadlines, and organization can be found at the end of the syllabus.

Student Course Feedback

Prior to course completion you will receive an email providing a link to share your feedback. You are **EXPECTED** to complete the feedback form for each class.

Assessment

Northeast Iowa Community College is an institution dedicated to continuous instructional improvement as part of our assessment efforts. It is necessary for us to collect and analyze course level data. Data drawn from student work for the purposes of institutional assessment will be posted in aggregate and will not identify individual students. Your continued support in our ongoing effort to provide quality instructional services at NICC is appreciated.

Course Policies

Attendance/Academic Engagement

Students are expected to be present each for lecture and lab activities. Missed labs have to be made up in order to make up the points. The instructor will report students with excessive absences for financial aid accountability.

Academic Dishonesty

Be prepared to defend your assignments orally. Discussion of labs is encouraged, but copying of labs is forbidden. Students turning in other's work as their own will receive a grade of F for the course. Written assignments may be submitted to Turnitin.com for evaluation of potential plagiarized material.

For a detailed explanation of plagiarism, visit the Lib Guide on plagiarism at <http://nicc.libguides.com/citingsources>

Late Work

All assignments are due on the date specified in Brightspace. Prior consent of instructor is required (by email) to receive credit for assignments turned in late.

Missing Assignments

ZERO points.

Makeup Testing

Prior consent of instructor is required to make up a test.

Use of Technology in the Classroom

Cell Phone/Text Messaging Usage

Please keep your phone off or silent during class. Take calls outside of the classroom. Texting during class is discouraged and should be used for emergencies. No cell phone access during exams.

Laptop Use

Student discretion

Recording
Student discretion

Classroom Conduct

Behavior
Students are responsible to know college Conduct Policies/ Procedures in the Student Handbook.

Emergency Procedures
Review Orange "Quick Reference" Information posted in each classroom.

Additional Information

Disclaimer:
This syllabus and its course calendar are subject to change at any time.

Learning Center
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Access
Take advantage of the *ReadSpeaker Listen Button* to enhance understanding and comprehension of the materials in this and any syllabus within the content area. All of the materials posted in the content area of NICC Brightspace classrooms have a *Listen Button* to have the text highlighted and read for you. Listening to text read aloud is shown to improve reading comprehension. www.nicc.edu/readspeaker

ReadSpeaker for Brightspace by D2L



Course Copyright
All course materials students receive or to which students have online access are protected by copyright laws. Students may use course materials and make copies for their own use as needed, but unauthorized distribution and/or uploading of materials without the instructor's express written permission is strictly prohibited. Students who engage in the unauthorized distribution of copyrighted materials may be held in violation of the College's Code of Conduct, and/or liable under Federal and State laws.

Netiquette
The term "Netiquette" refers to the etiquette guidelines for electronic communications, such as e-mail and bulletin board postings. Netiquette covers not only rules to maintain civility in discussions, but also special guidelines unique to the electronic nature of forum messages.

Accommodation Policy:
The Americans with Disabilities Act (ADA) provides protection from illegal discrimination for qualified students with disabilities. Northeast Iowa Community College is committed to the equal provision of education for all students. Any student who needs instructional accommodation is encouraged to contact the

Coordinator of Disability Services, Peosta Campus, at 563-556-5110 or 1-800-728-7367, ext. 280 or Calmar Campus, at 563-562-3263 or 1-800-728-2256, ext. 258.

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Course Calendar

Due Date	Assignment	Lesson	Point Value	Program Learning Outcome	Common Learning Outcome
8/31/2017	Swift overview			Participants will demonstrate the ability to program for the iOS platform.	Think Critically.
9/14/2017	Build a Basic UI Connect the UI to Code	Chapters 1 and 2	50%	Participants will demonstrate the ability to program for the iOS platform.	Think Critically.
9/28/2017	View Controllers	Chapter 3	50%	Participants will demonstrate the ability to program for the iOS platform.	Think Critically.
10/5/2017	Custom Controls	Chapter 4	50%	Participants will demonstrate the ability to program for the iOS platform.	Think Critically.
10/19/2017	Data Models	Chapter 5	50%	Participants will demonstrate the ability to program for the iOS platform.	Think Critically.
11/2/2017	Table Views	Chapter 6	50%	Participants will demonstrate the ability to program for the iOS platform.	Think Critically.
11/9/2017	Navigation	Chapter 7	50%	Participants will demonstrate the ability to program for the iOS platform.	Think Critically.
11/30/2017	Edit and Delete Behaviors	Chapter 8	50%	Participants will demonstrate the ability to program for the iOS platform.	Think Critically.
12/7/2017	Final Projects		20%	Participants will demonstrate the ability to program for the iOS platform.	Think Critically.

Course Syllabus

Course Number and Name: MDT101 – Survey of Mobile Development Technologies

Semester: Spring 2017

Classroom & Class Time: L113 W – 5:00 pm to 5:55 pm
and online

Instructor Information

Name: Patricia Oberbroeckling

Phone: 563-556-5110 or 800-728-7367, Ext: 235

Email Address: oberbroecklingp@nicc.edu

Office Location: Room 135

Office Hours: Monday through Thursday – 1:00 pm to 3:00 pm or by appointment

Communication: Use my school email listed above or the email feature within Brightspace when communicating with instructor outside of class. I will try to respond to email/questions within 24-48 hours, with the exception of weekends, holidays, and scheduled school breaks. I will read all postings to the General Discussion topic but may not respond to every one. This area is used more for students to collaborate with one another in the class.

Course Information

Course Description: This course provides students with an introduction to mobile applications and general knowledge of how such applications are developed, marketed, distributed, and utilized. This course examines the prevalence of mobile applications and the skills necessary to become a developer of mobile applications.

Primary Common Learning Outcome Assessed: Apply knowledge and skills to life by utilizing workforce readiness skills; (technical and soft-skills) and/or apply the principles of mathematics, science, humanities and technology in personal, academic, and working-world situations; and/or manage finances effectively.

Course Objectives: Refer to the course guide in the Brightspace course room under the Syllabus topic in the content area.

Required Materials: There is no textbook for this course
Flash Drive for external storage

Methods of Assessment: Student comprehension and performance will be evaluated by his/her ability to complete all of the following assigned coursework.

Discussion Questions and Postings	10 pts. each
Assignments	varying pts. each

Assignments will be due at the end of the day of the due date. Your assignment files will be submitted in the dropbox of Brightspace using links in the content. **Late assignments will not be accepted** without prior arrangements.

Assignments submitted through email, unless otherwise specified within the assignment instructions, will **not** be graded.

These points will then be converted to a percentage and applies to the following grading scale.

Grading Scale and Procedures:

A	100-96	B-	86-84	D+	69-66
A-	95-93	C+	83-80	D	65-63
B+	92-90	C	79-75	D-	62-60
B	89-87	C-	74-70	F	59-00

Assignments will be graded and scores posted in Brightspace appropriately 1 to 3 weeks from the due date.

Methods of Delivery: The instructor will incorporate a variety of methods including, but not limited to; lecture material, tutorials, and discussion topics. Student participation, completion of homework, quizzes and exams is vital to student success in this course. Learning is an interactive process; therefore student preparation, interaction, and participation are crucial.

Course Calendar:

<i>Unit</i>	<i>Weeks</i>
What is Mobile Application Development?	January 11 thru January 18
Current Mobile Applications	January 25 thru February 1
Popular Consumer Applications	February 8 thru February 15
More Popular Consumer Applications	February 22 thru March 1
Advertising in and Marketing Mobile Apps	March 15 thru March 22
Execution Environments	March 29 thru April 5
The Job Market	April 12 thru April 19
Mobile App Entrepreneurship	April 26 thru May 3

Student Course Evaluation: Prior to course completion you will receive an email providing a link to share your feedback.

Course Policies

Attendance/Participation: The amount of time spent on the course depends on the type of learner you are, the level of proficiency you are at, and your desire to learn. Only you can determine how much time to spend, but the student should expect to spend about 8-10 hours a week on this

course, 4 hours in class and 4 to 6 hours outside of class. Before you continue with the course, be sure you can devote the correct amount of time to the subject. Be sure to take into account other course work, your work schedule (including travel), your family life, and any other factors that may influence your study time. **You are the most important factor in this formula for your success. To succeed you must put in maximum effort and communicate with me and your fellow students.**

As a student in this course you are responsible for reading, studying, asking questions, completing assignments, checking your news, emails, announcements, discussions, grade book at least twice a week and being organized and staying on schedule for the entire semester.

Not having the required materials the first day of class is not a valid excuse for an extension on assignments. It is your responsibility to start the class on the first day with all required materials.

Choosing to not complete all required assignments does not give a valid reason to request extra credit. There is no extra credit for this class.

Academic Dishonesty: NICC is committed to high standards of academic honesty. Students will be held responsible for violations of these standards. Please refer to the college's handbook for a definition of academic dishonesty and potential disciplinary actions associated with it.

Scholastic Dishonesty: In the event a student is suspected of violating the college's policy on scholastic dishonesty, the faculty member directly involved will investigate the matter. If the faculty member believes the student has violated the policy, the faculty member will inform his or her division dean and the student of the evidence and the intended action. The action may involve a grade reduction for the work in question or the assignment of a failing grade for the course.

Generally, scholastic dishonesty is interpreted as cheating on an examination or assignment, which includes giving or receiving information, copying, using unauthorized materials in test, collaboration during examinations, substituting for another person or allowing substitutions during examination; plagiarism, submission of work other than one's own; and collusion with another person or persons in submitting work for credit unless such collaboration is approved in advance by the instructor.

Plagiarism: Webster's Third International Dictionary defines plagiarism as follows:

"Plagiarism—to steal and pass off, as one's own the ideas or words of another; to use without crediting the source; to present as new and original an idea or product derived from an existing source; to commit literary theft." All submitted written assignments are submitted automatically to **Turn-It-In** (plagiarism checker)

Late Work: Any work not submitted by the due date/time will be considered late. **Late work will not be accepted without a previous discussion with the instructor and an exception granted by the instructor.**

Missing Assignments: Any missing assignments will be given a zero.

Makeup Testing: No late or make-up exams will be given without prior arrangements made with the instructor.

Classroom Conduct

Cell Phone/Text Messaging Usage: Prohibited during scheduled class time

Laptop Use: By request, with instructor's permission; recreational use during scheduled class time is prohibited

Tape Recording: By request, with instructor's permission

Behavior: Appropriate conduct is required at all times in the classroom environment. You need to use professional language and attitudes when addressing all members of the class. You may not post messages on Discussions that use foul language or inappropriate comments. Postings of this nature will result in immediately being denied access to the course. Any issues you need to discuss that are personal or concerning grades, missed assignments, feelings towards another student or the instructor are to be addressed with face-to-face communication with the instructor or the course email within Brightspace.

Students are responsible to know the Student Conduct code in the College Catalog.

Student Responsibility: Always allow yourself extra time to accommodate any technical difficulties you may experience. Technical difficulties do not give you an excuse to hand in late assignments. Loss of a student's storage media, assignments, equipment failure or loss of ISP, if working at home, will not excuse the student from completing the course requirements on time. You need to have a backup plan in place at the beginning of this class so in case your equipment fails you can still complete and submit your assignments on time.

If you cannot or choose not to complete the course, please contact an advisor to drop or withdraw. Students who remain enrolled but fail to complete the requirements of the course will receive a "F".

Emergency Procedures: In the event of an external or internal disaster, follow the directions the placards in each room. Drills will be held for external and internal emergencies. In the event of a medical emergency call 9-911 from any college telephone.

Disclaimer: The course calendar is a guide and subject to change due to illness/death in family, weather conditions, power outages, etc.. Announcements regarding changes will be made in class and/or via Brightspace.

Learning Center: The NICC Learning Centers provide tutoring assistance free of charge to any student Monday through Friday. Students are encouraged to utilize the Learning Centers in Calmar, Peosta or Dubuque.

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It is also the policy of this District that the curriculum content and instructional materials utilized reflect the cultural and racial diversity present in the United States and variety of careers, roles and lifestyles open to women as well as men in our society. One of the objectives of the total curriculum and teaching strategies is to reduce stereotyping and to eliminate bias on the basis of age, race, creed, color, sex, sexual orientation, gender identity, national origin, religion or disability. The curriculum should foster respect and appreciation for cultural diversity found in our country and an awareness of the rights, duties and responsibilities of each individual as a member of a pluralistic society.

Inquiries and grievances regarding compliance with applicable state and federal laws may be directed to the executive director of human resources, P.O. Box 400, Calmar, Iowa 52132, or to the Director of the Iowa Civil Rights Commission, Des Moines, Iowa, or to the Director of the Region VII Office of Civil Rights, Department of Education, Kansas City, Missouri.

Course Syllabus

Course Number and Name: MDT110 – Android App Development I

Semester: Spring 2017

Classroom & Class Time: L113 T – 5:00 pm to 6:15 pm
and online

Instructor Information

Name: Patricia Oberbroeckling

Phone: 563-556-5110 or 800-728-7367, Ext: 235

Email Address: oberbroecklingp@nicc.edu

Office Location: Room 135

Office Hours: Monday through Thursday – 1:00 pm to 3:00 pm or by appointment

Communication: Use my school email listed above or the email feature within Brightspace when communicating with instructor outside of class. I will try to respond to email/questions within 24-48 hours, with the exception of weekends, holidays, and scheduled school breaks. I will read all postings to the General Discussion topic but may not respond to every one. This area is used more for students to collaborate with one another in the class.

Course Information

Course Description: An initial course in developing applications for Android platforms. Explore the Android framework and the foundational components of Android applications. Utilize the Android development environment to create applications implementing common user interface features and functionality.

Primary Common Learning Outcome Assessed: Think Critically by locate, interpret, and use information effectively; and/or use intellectually disciplined processes (conceptualizing, applying, analyzing, synthesizing and evaluating) to solve problems.

Course Objectives: Refer to the course guide in the Brightspace course room under the Syllabus topic in the content area.

Required Materials: *Murach's Android Programming* by Joel Murach (Mike Murach & Associates, Inc.) 2nd Edition ISBN 978-1-890774-93-6

Flash Drive for external storage

All of your work must be completed using the hardware and software specified in this course.

Methods of Assessment: Student comprehension and performance will be evaluated by his/her ability to complete all of the following assigned coursework.

Program Assignments

20 pts. each

Program zipped file will be due at the **end** of the day of the due date. Your final logic, program, and needed files should be zipped and submitted in the dropbox of Brightspace. Logic is required to be developed before the source code is written. Possible lost points for logic that is not completed before entering source code. This logic will be required for all questions asked about the program. **Late machine problems will not be accepted** without prior arrangements.

Your program should contain a block of program documentation, at the beginning of the code that contains your name and the program description, which is a block of comments which briefly describe the function of the program and the input/output. It should also describe any special requirements and/or limitations of the program. Any other need documentation should be included throughout the program.

Program Flexibility: A good program is a general purpose tool which can be applied to a class of problems and data. The flexibility of a program can be increased by using variables for all important quantities. One of the worst infractions against the principle of flexibility is 'hard coding' a program so that it runs with only one specific set of data.

Assignments submitted through email, unless otherwise specified within the assignment instructions, will **not** be graded.

These points will then be converted to a percentage and applies to the following grading scale.

Grading Scale and Procedures:

A	100-96	B-	86-84	D+	69-66
A-	95-93	C+	83-80	D	65-63
B+	92-90	C	79-75	D-	62-60
B	89-87	C-	74-70	F	59-00

Assignments will be graded and scores posted in Brightspace appropriately 1 to 3 weeks from the due date.

Methods of Delivery: The instructor will incorporate a variety of methods including, but not limited to; lecture material, tutorials, and discussion topics. Student participation, completion of homework, quizzes and exams is vital to student success in this course. Learning is an interactive process; therefore student preparation, interaction, and participation are crucial.

Course Calendar:

<i>Unit</i>	<i>Weeks</i>
Android Studio	January 10
Android Programming Basics	January 17
Android User Interface	January 24
User Input, Variables, and Operations	January 31
Icons and Decision-Making Controls	February 7

Lists, Arrays, and Web Browsers	February 14
Audio in Apps	February 21
GridViews and Pictures	February 28
DatePicker	March 13
Navigating with Master/Detail Flow Activity	March 20
Animation	March 27
Persistent Data	April 4
Publishing Your App	April 11
Final Project	April 18

Student Course Evaluation: Prior to course completion you will receive an email providing a link to share your feedback.

Course Policies

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Inquiries and grievances regarding compliance with applicable state and federal laws may be directed to the executive director of human resources, P.O. Box 400, Calmar, Iowa 52132, or to the Director of the Iowa Civil Rights Commission, Des Moines, Iowa, or to the Director of the Region VII Office of



Civil Rights, Department of Education,
Kansas City, Missouri.

Course Syllabus

Course Number and Name: Apple App Development I (MDT 120)

Semester: Spring 2017

Classroom & Class Time: Thursdays, 5:00 pm – 6:15 pm, Lab 113, and online

Instructor Information

Name: Joanie McDonough

Phone: (563) 556-5110, ext. 310

Email Address: mcdonoughj@nicc.edu

Office Location: Peosta campus, Room 128

Office Hours: by appointment

Communication: Please use email for communications.

Course Information

Course Description The course is designed to provide students with knowledge of the fundamentals of information security, including a basic understanding of legal and ethical cyberspace issues. This class is taught with a mix of theory and hands-on applications

Primary Student Learning Outcome Assessed: Critical Thinking

Course Objectives: By the end of this course, students will be able to do the following:

- Explain the Apple Developer Programs.
- Discuss the advantages of becoming an iOS Developer.
- Explore the structure of an iOS application.
- Describe the iOS Software Development Kit (SDK) and simulators within the IDE.
- Explain single view apps.
- Discuss the iOS coding fundamentals.
- Define the iOS's common controls.
- Describe user interface development in iOS.
- Create an iOS app user interface.
- Add objects to the user interface.
- Build and run an iOS app.
- Discuss the model-view-controller framework.
- Create an application implementing the model-view-controller framework.
- Explain the mechanics of auto rotation.
- Demonstrate the restructuring of a view when rotated.
- Explore the use of segues and transitions.
- Explain passing data between scenes

- Discuss mobile networking fundamentals
- Demonstrate connecting to the Internet

Required Materials: A flash drive is required.

Methods of Assessment: There will be projects, a midterm, and a final evaluation.

Grading Scale and Procedures: Students will be graded on preparation and participation, assignments and tests. At the end of the term, the scores will be converted to a percent and applied to the NICC grading scale:

93 - 100.....	A
86 - 92.....	B
78 - 85.....	C
70 - 77.....	D
0 - 69.....	F

Methods of Delivery: Lab exercises, lectures, discussions and walkthroughs will be used most frequently. There will be occasional worksheets and handouts.

Course Calendar: Please see the Excel spreadsheet schedule.xlsx in Shared Files.

Course Policies

Attendance/Participation: Students are expected to attend and participate in class.

Academic Dishonesty: Any form of cheating, including plagiarism, will result in a grade of F for the course for all students involved.

Late Work: Late assignments will be accepted for a period of one week after the due date.

Missing Assignments: Missing assignments will receive a grade of 0.

Makeup Testing: Exams that are missed without an excused absence will receive a grade of zero unless prior arrangements have been made.

Classroom Conduct

Cell Phone/Text Messaging Usage: Please set your phones to silent or vibrate.

Laptop Use: Students are allowed to use laptops in class.

Tape Recording: You may record the lectures.

Behavior: Students are expected to know and abide by the Conduct Code outlined in the College Catalog.

Emergency Procedures: In the event of an emergency, please follow the procedure posted in each classroom for emergency exits and/or safe locations, or follow the instructions of your instructor.

Disclaimer: The schedule is a guide for activities and subject to change.

Learning Center: The NICC Learning Centers provide tutoring assistance free of charge to any student Monday through Friday. Students are encouraged to utilize the Learning Centers in Calmar, Peosta or Dubuque.

Accommodation Policy: The Americans with Disabilities Act (ADA) provides protection from illegal discrimination for qualified students with disabilities. Northeast Iowa Community College is committed to the equal provision of education for all students. Any student who needs instructional accommodation is encouraged to contact the Coordinator of Disability Services, Peosta Campus, at 563-556-5110 or 1-800-728-7367, ext. 280 or Calmar Campus, at 563-562-3263 or 1-800-728-2256, ext. 258.

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