

# NORTH CENTRAL TEXAS COLLEGE

## COURSE SYLLABUS

Course Title: Non-course Based Math Option		
Course Prefix & Number: NCBM 0100	Section Number: 413	Semester: Spring 2019
Semester Credit Hours: 1	Lecture Hours: 15	Lab Hours: 0
Course Description (NCTC Catalog): <i>The NCBM supports students in developing skills, strategies, and reasoning needed to succeed in mathematics, including communication and appropriate use of technology. Topics include the study of numeracy and the real number system; algebraic concepts, notation, and reasoning; quantitative relationships; mathematical models; and problem solving. This course does not count toward graduation at NCTC.</i>		
Course Prerequisite(s): Pass Math 0305 with a "C" or better, or earn satisfactory TSI Assessment placement score, or earn satisfactory placement score on another approved assessment.		
Course Co-requisite(s): MATH 1332 or MATH 1342		
Recommended Course Materials: 3-ring binder for math class Spiral notecards for math class		

### INSTRUCTOR INFORMATION

Name of Instructor:	Marla Owens
Campus/Office Location:	COR/206
Office Hours:	MW 9:00-9:30 am; 11:00 am – 12:30pm; 3:00 – 4:00pm TR 9:00 – 11:00am; T 1:30 – 2:00pm ; 3:00 – 3:30pm R 1:30 – 3:30 pm Virtual Online 6:00 – 8:00 pm
Telephone Number:	940-498-6226
E-mail Address:	mowens@nctc.edu

### GRADING CRITERIA

# of Graded Course Elements	Graded Course Elements	Percentage or Point Values
15	Attendance	50%
15	Participation **	50%

**Grade Scale for NCBM 0100: 70 – 100% = P; Below 70% = F**

**Attendance is mandatory: to make up an in-class activity, you must sign-in the Math Lab and work on math assignments for 2 hours.**

\*\*Participation includes: Mindset activities, note-discussion, test-taking activities (math anxiety, other college readiness activities)

**STUDENT LEARNING OUTCOMES**

	<b>Student Learning Outcomes for MATH1332</b>
<b>SLO 1</b>	Assist in analyzing information using symbolic logic and truth tables.
<b>SLO 2</b>	Assist in describing, using and converting between various numeration systems.
<b>SLO 3</b>	Assist in solving consumer and financial math problems.
<b>SLO 4</b>	Assist in computing and interpreting empirical and theoretical probabilities using the rules of probabilities and combinatorics.
<b>SLO 5</b>	Assist in calculating descriptive statistics.
<b>SLO 6</b>	Assist in applying algebraic, geometric and higher-order thinking to model and solve real-world problems.

	<b>Student Learning Outcomes for MATH1342</b>
<b>SLO 1</b>	Assist in explaining the use of data collection and statistics as tools to reach reasonable conclusions.
<b>SLO 2</b>	Assist in recognizing, examining and interpreting the basic principles of describing and presenting data.
<b>SLO 3</b>	Assist in Computing and interpreting empirical and theoretical probabilities using the rules of probabilities and combinatorics.
<b>SLO 4</b>	Assist in explaining the role of probability in statistics.
<b>SLO 5</b>	Assist in examining, analyzing and comparing various sampling distributions for both discrete and continuous random variables.
<b>SLO 6</b>	Assist in describing and computing confidence intervals.
<b>SLO 7</b>	Assist in solving linear regression and correlation problems.
<b>SLO 8</b>	Assist in performing hypothesis testing using statistical methods.

**STUDENT EMAIL**

All students at NCTC are assigned a student email address, also known as Lion Pride email. Lion Pride email can be accessed on the NCTC home page by clicking on MyNCTC, then the link "Lion Pride Email" to the left. After clicking the Lion Pride Email link, the Microsoft Office 365 window will open.

1. Enter your NCTC student e-mail address. (for example, Smithj123456@student.nctc.edu)
2. Enter your password (your NCTC Student ID Number, either 7 or 9 numbers).
3. From the list of Microsoft icons, choose MAIL.
4. You will be asked to set your language and local time zone (Central Time). Your account is now activated.

**\*\*It is the student's responsibility to activate and regularly monitor the assigned NCTC (Lion Pride) e-mail account. Important announcements and notifications from the Admissions office, Financial Aid, or other college staff will be sent via the Lion Pride student email system.**

For communicating with classmates and instructors, students also have an option to communicate through Canvas. Canvas messaging is NOT the same as Lion Pride e-mail. Failure to read and/or receive NCTC e-mails (either in Lion Pride or in Canvas) is no excuse for not complying with the College Prep Attendance Policy or any other school policies. Be sure to regularly check BOTH the Lion Pride email as well as the Canvas inbox for important messages and information.

## TSI COMPLIANCE

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At North Central Texas College, students who test but do not meet the passing scores in ALL sections of the TSI Assessment or any other THECB approved testing measurements are required by state law to obtain TSI advising and continuously enroll in a formal college preparatory studies (developmental) program every semester until all TSI requirements are satisfied. TSI program attendance is MANDATORY. Non-compliance with the rules of attendance will result in a student being WITHDRAWN from the college preparatory and the college-level math courses and possibly being placed on academic hold at North Central Texas College. Withdrawals are subject to college policies as set forth in the college catalog.

## ATTENDANCE POLICY

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Regular and punctual attendance is expected of all students in all College Prep classes for which they have registered. **There are NO excused absences.** Faculty teaching College Preparatory courses will notify students of absences on a regular basis and one courtesy warning e-mail notification will be sent to the students' current NCTC student e-mail address (Lion Pride email and/or Canvas email) when the student accrues 1 week absence (not necessarily consecutive days) in a course. Please check your NCTC student email (Lion Pride) frequently to ensure that you are receiving notifications from the college and from your instructors. Some faculty may send notifications in Canvas as well. Failure to read and/or receive NCTC e-mail (Lion Pride) is no excuse for not complying with the Attendance Policy. It is the student's responsibility to maintain correct and current e-mail and local and permanent addresses with the college.

After a student has been absent from class **2 weeks (not necessarily consecutive days)**, the student may be **dropped**. A student dropped from an NCBM course will also be dropped from the co-requisite credit math course. After a student receives an F/W in the same College Prep course **twice**, the student will receive an academic hold so that the student is blocked from enrolling in any other course except the required College Prep courses in the subsequent semester. This hold will be enforced even in summer. Inform the instructor in writing during the first week of class of any religious holidays observed this semester. Documentation must be given to the instructor at the class following the holiday. Also, since punctuality has become a problem in recent semesters, **three tardies** may be considered **one absence**. Coming in late disrupts the class. Occasions do occur that you will need to be tardy, but not on a consistent basis.

## TENTATIVE SCHEDULE

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See Calendar in Canvas.

## LAST DAY TO WITHDRAW

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Last day to withdraw from a course with a "W" is Thursday, April 4, 2019.

## MATH LAB

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Students who need help with any math class can visit the NCTC Mathematics Lab to receive assistance. No appointments are necessary. See the most current tutoring hours for all five campuses at <http://www.nctc.edu/student-services/student-success/tutoring/mathematics-lab.html>.

**TIMES SUBJECT TO CHANGE BASED ON TUTOR AVAILABILITY:**

<b>GAINESVILLE – 1403 (Library)</b>	<b>CORINTH – 182</b>	<b>FLOWER MOUND – 2<sup>nd</sup> floor in MSU</b>
Mon & Thurs 9:00 am – 4:00 pm	Mon – Thurs 8:30 am – 6:30 pm	Mon & Wed 9:00 am – 3:00 pm
Tues & Wed 9:00 am – 5:00 pm		Tues & Thurs 9:00 am – 3:00 pm
Fri 9:00 am – 12:00 pm	Fri 9:00 am – 12:00 pm	Fri 9:00 am – 12:00 pm
Sun 1:00 – 5:00 pm	Sat 10:00 am – 1:00 pm	

**DISABILITY SERVICES (OSD)**

The Office for Students with Disabilities (OSD) provides accommodations for students who have a documented disability. On the Corinth Campus, go to room 170 or call 940-498-6207. On the Gainesville Campus, go to room 110 or call 940-668-4209. Students on the Bowie, Graham, Flower Mound, and online campuses should call 940-498-6207.

North Central Texas College is committed to both the spirit and letter of federal equal opportunity legislation, including the Americans with Disabilities Act (ADA) of 1990, ADA Amendments Act of 2009, and Section 504 of the Rehabilitation Act of 1973 (P.L. 93-112). <http://www.nctc.edu/catalog/student-services/office-students-with-disabilities.html>

**STUDENT HANDBOOK**

Students are expected to follow all rules and regulations found in the student handbook.

<https://www.nctc.edu/documents/academics/student-handbook.pdf>

Name of Chair/Coordinator:	Elizabeth Howell
Office Location:	Corinth 236
Telephone Number:	940.498.6209
E-mail Address:	<a href="mailto:ehowell@nctc.edu">ehowell@nctc.edu</a>
Name of Instructional Dean:	Sara Flusche
Office Location:	Gainesville 1306
Telephone Number:	940.668.3351
E-mail Address:	<a href="mailto:sflusche@nctc.edu">sflusche@nctc.edu</a>

**CAMPUS RESTRICTIONS**

**Tobacco-Free Campus:** NCTC restricts the use of all tobacco products, including cigarettes, e-cigarettes, cigars, pipes, and smokeless tobacco, on campus property.

**Campus Carry:** Effective August 1, 2017, a license holder may carry a concealed handgun on or about the license holder's person while the license holder is on the campus of an institution of higher education or private or independent institution of higher education in this state. For more information, see the website at <http://www.nctc.edu/police/campus-carry.html>.