

Start/End Dates

Meeting Days

Meeting Times

Location

Instructor

Course Topic (if applicable)

MATHEMATICS**Mathematics**

MATH 41 BEGINNING ALGEBRA ... A course for those who have a sound background in basic arithmetic, but who have not been exposed to algebra, or who need to strengthen their basic algebra skills. Topics include properties of the real numbers, linear and quadratic equations, linear inequalities, exponents, polynomials, rational expressions, the straight line, and systems of linear equations. The course counts towards the semester credit load and will be computed into the grade point average. It will not, however, be included in the credits necessary for graduation. It may be taken for a conventional grade or on a satisfactory/no credit basis. Prereq: MATH 040 or equivalent demonstration of capability. Students cannot receive credit for MATH 041 if they have been waived from the Mathematics Proficiency Requirement. Not available to students who have satisfied the University Proficiency requirement in mathematics.

PREREQ: MATH 40 OR ITS EQUIVALENT

#1494 Section 01 [units: 4] NOTE: This course counts in the GPA but not in the 120 credits needed for graduation. Students are required to purchase an access code for an online homework system that will provide immediate feedback and additional support. Codes can be purchased from the University Bookstore for around \$34.

09/06-12/22 MTWR 08:00 AM - 08:50 AM HE0112 To Be Arranged

#1495 Section 02 [units: 4] NOTE: This course counts in the GPA but not in the 120 credits needed for graduation. Students are required to purchase an access code for an online homework system that will provide immediate feedback and additional support. Codes can be purchased from the University Bookstore for around \$34.

09/06-12/22 MTWR 08:00 AM - 08:50 AM MC0011A Charlotte Toboyek

#1626 Section 03 [units: 4] NOTE: This course counts in the GPA but not in the 120 credits needed for graduation.

09/06-12/22 MTWR 08:00 AM - 08:50 AM MC0112 Brenda Volk

#4729 Section 04 [units: 4]

09/06-12/22 MTWR 09:00 AM - 09:50 AM MC0011A John Reilly LEARNING COMMUNITY

#1595 Section 04X [units: 4] NOTE: This course counts in the GPA but not in the 120 credits needed for graduation. This section is reserved for Learning Community students. Students are required to purchase an access code for an online homework system that will provide immediate feedback and additional support. Codes can be purchased from the University Bookstore for around \$34.

09/06-12/22 MTWR 09:00 AM - 09:50 AM MC0011A John Reilly LEARNING COMMUNITY

#1497 Section 05 [units: 4] NOTE: This course counts in the GPA but not in the 120 credits needed for graduation.

09/06-12/22 MTWR 09:00 AM - 09:50 AM MC0112 Brenda Volk

#1609 Section 06 [units: 4] NOTE: This course counts in the GPA but not in the 120 credits needed for graduation. Students are required to purchase an access code for an online homework system that will provide immediate feedback and additional support. Codes can be purchased from the University Bookstore for around \$34.

09/06-12/22 MTWR 10:00 AM - 10:50 AM MC0112 Lori Grady

#1576 Section 07 [units: 4] NOTE: This course counts in the GPA but not in the 120 credits needed for graduation. Students are required to purchase an access code for an online homework system that will provide immediate feedback and additional support. Codes can be purchased from the University Bookstore for around \$34.

09/06-12/22 MTWR 10:00 AM - 10:50 AM MC0011A Charlotte Toboyek

#1610 Section 08 [units: 4] NOTE: This course counts in the GPA but not in the 120 credits needed for graduation. Students are required to purchase an access code for an online homework system that will provide immediate feedback and additional support. Codes can be purchased from the University Bookstore for around \$34.

09/06-12/22 MTWR 11:00 AM - 11:50 AM HE0117 John Reilly

#1597 Section 09 [units: 4] NOTE: This course counts in the GPA but not in the 120 credits needed for graduation. Students are required to purchase an access code for an online homework system that will provide immediate feedback and additional support. Codes can be purchased from the University Bookstore for around \$34.

09/06-12/22 MTWR 11:00 AM - 11:50 AM MC0112 Kelly Strait

#4344 Section 10 [units: 4] NOTE: This course counts in the GPA but not in the 120 credits needed for graduation. Students are required to purchase an access code for an online homework system that will provide immediate feedback and additional support. Codes can be purchased from the University Bookstore for around \$34. Math 041 sections 10 and 10X are combined sections.

09/06-12/22 MTWR 11:00 AM - 11:50 AM MC0011A Charlotte Toboyek

#4422 Section 10X [units: 4] NOTE: This course counts in the GPA but not in the 120 credits needed for graduation. Students are required to purchase an access code for an online homework system that will provide immediate feedback and additional support. Codes can be purchased from the University Bookstore for around \$34. Math 041 sections 10 and 10X are combined sections.

09/06-12/22 MTWR 11:00 AM - 11:50 AM MC0011A Charlotte Toboyek

#1630 Section 11P [units: 4] NOTE: This course counts in the GPA but not in the 120 credits needed for graduation. This section is restricted to students in Learning Communities. This course counts in the GPA but not in the 120 credits needed for graduation. Students are required to purchase an access code for an online homework system that will provide immediate feedback and additional support. Codes can be purchased from the University Bookstore for around \$34.

09/06-12/22 MTWR 12:00 PM - 12:50 PM MC0011A John Reilly PATHWAYS

#1555 Section 12 [units: 4] NOTE: This course counts in the GPA but not in the 120 credits needed for graduation. Students are required to purchase an access code for an online homework system that will provide immediate feedback and additional support. Codes can be purchased from the University Bookstore for around \$34.

09/06-12/22 MTWR 12:00 PM - 12:50 PM MC0112 Kelly Strait

#1575 Section 13 [units: 4] NOTE: This course counts in the GPA but not in the 120 credits needed for graduation. Students are required to purchase an access code for an online homework system that will provide immediate feedback and additional support. Codes can be purchased from the University Bookstore for around \$34.

09/06-12/22 MTWR 01:00 PM - 01:50 PM HE0117 Lori Grady

<i>Start/End Dates</i>	<i>Meeting Days</i>	<i>Meeting Times</i>	<i>Location</i>	<i>Instructor</i>	<i>Course Topic (if applicable)</i>
<p>#1600 Section 14P [units: 4] NOTE: This course counts in the GPA but not in the 120 credits needed for graduation. This sections is restricted to students in the Pathways program. This course counts in the GPA but not in the 120 credits needed for graduation. Students are required to purchase an access code for an online homework system that will provide immediate feedback and additional support. Codes can be purchased from the University Bookstore for around \$34.</p>					
09/06-12/22	MTWR	01:00 PM - 01:50 PM	MC0112	Kelly Strait	PATHWAYS
<p>#1580 Section 15P [units: 4] NOTE: This course counts in the GPA but not in the 120 credits needed for graduation. This sections is restricted to students in the Pathways program. This course counts in the GPA but not in the 120 credits needed for graduation. Students are required to purchase an access code for an online homework system that will provide immediate feedback and additional support. Codes can be purchased from the University Bookstore for around \$34.</p>					
09/06-12/22	MTWR	01:00 PM - 01:50 PM	MC0011A	Charlotte Toboyek	PATHWAYS
<p>#3585 Section 16 [units: 4] NOTE: This course counts in the GPA but not in the 120 credits needed for graduation. Students are required to purchase an access code for an online homework system that will provide immediate feedback and additional support. Codes can be purchased from the University Bookstore for around \$34.</p>					
09/06-12/22	MTWR	02:00 PM - 02:50 PM	MC0011A	To Be Arranged	
<p>#3586 Section 17 [units: 4] NOTE: This course counts in the GPA but not in the 120 credits needed for graduation. This course counts in the GPA but not in the 120 credits needed for graduation. Students are required to purchase an access code for an online homework system that will provide immediate feedback and additional support. Codes can be purchased from the University Bookstore for around \$34.</p>					
09/06-12/22	MTWR	03:00 PM - 03:50 PM	MC0011A	To Be Arranged	
<p>#3587 Section 18 [units: 4] NOTE: This course counts in the GPA but not in the 120 credits needed for graduation. This course counts in the GPA but not in the 120 credits needed for graduation. Students are required to purchase an access code for an online homework system that will provide immediate feedback and additional support. Codes can be purchased from the University Bookstore for around \$34.</p>					
09/06-12/22	MTWR	04:00 PM - 04:50 PM	MC0011A	Lori Grady	
<p>#4532 Section 19 [units: 4] NOTE: This course counts in the GPA but not in the 120 credits needed for graduation. This is a hybrid course where work is done primarily online, with some face-to-face meetings. Face-to-face meetings will be held on Saturdays on the dates and times listed below. Students are required to purchase an access code for an online homework system that will provide immediate feedback and additional support. Codes can be purchased from the University Bookstore for around \$34. Exams are to be taken in a proctored environment. Students who cannot come to campus are responsible for finding a proctor and obtaining the instructor's approval.</p>					

PREREQ: ADMISSION TO THE ECE4U PROGRAM

09/06-12/22	Arranged	Arranged	WEB BASED	John Reilly	ECE4U
09/09	S	08:30 AM - 10:00 AM		John Reilly	ECE4U
09/30	S	08:30 AM - 10:00 AM		John Reilly	ECE4U
11/04	S	02:00 PM - 03:30 PM		John Reilly	ECE4U
12/09	S	02:00 PM - 03:30 PM		John Reilly	ECE4U

MATH 49 WORKSHOP ... Variable credit course offering with a defined topic. Repeatable with a change of topic.

<p>#1615 Section 01 [units: 1] NOTE: This course is restricted to students in the Moving Up Program.</p>					
<p>COREQ: RESTRICTED TO STUDENTS IN THE MOVING UP PROGRAM. STUDENTS MUST ALSO ENROLL IN MATH 141-04</p>					
09/06-12/22	F	09:00 AM - 09:50 AM	HE0102	Teri Alder	MOVING UP
<p>S/NC Grading Basis Only</p>					
<p>#4714 Section 01P [units: 1] NOTE: This course is restricted to students in the Moving Up Program.</p>					
<p>COREQ: RESTRICTED TO STUDENTS IN THE MOVING UP PROGRAM. STUDENTS MUST ALSO ENROLL IN MATH 141-04</p>					
09/06-12/22	F	09:00 AM - 09:50 AM	HE0102	Teri Alder	MOVING UP
<p>S/NC Grading Basis Only</p>					
<p>#1616 Section 02 [units: 1] NOTE: This course is restricted to students in the Moving Up Program.</p>					
<p>COREQ: RESTRICTED TO STUDENTS IN THE MOVING UP PROGRAM. STUDENTS MUST ALSO ENROLL IN MATH 141-04</p>					
09/06-12/22	F	10:00 AM - 10:50 AM	HE0102	Teri Alder	MOVING UP
<p>S/NC Grading Basis Only</p>					
<p>#3588 Section 03 [units: 1] NOTE: This course is restricted to students in the Moving Up Program.</p>					
<p>COREQ: RESTRICTED TO STUDENTS IN THE MOVING UP PROGRAM. STUDENTS MUST ALSO ENROLL IN MATH 141-04</p>					
09/06-12/22	F	12:00 PM - 12:50 PM	HE0102	Teri Alder	MOVING UP
<p>S/NC Grading Basis Only</p>					
<p>#3589 Section 04 [units: 1] NOTE: This course is restricted to students in the Moving Up Program.</p>					
<p>COREQ: RESTRICTED TO STUDENTS IN THE MOVING UP PROGRAM. STUDENTS MUST ALSO ENROLL IN MATH 141-04</p>					
09/06-12/22	F	01:00 PM - 01:50 PM	HE0102	Teri Alder	MOVING UP
<p>S/NC Grading Basis Only</p>					
<p>#3590 Section 05 [units: 1] NOTE: This course is restricted to students in the Moving Up Program.</p>					
<p>COREQ: RESTRICTED TO STUDENTS IN THE MOVING UP PROGRAM. STUDENTS MUST ALSO ENROLL IN MATH 141-04</p>					
09/06-12/22	R	04:00 PM - 04:50 PM	LT2006	Teri Alder	MOVING UP
<p>S/NC Grading Basis Only</p>					
<p>#3591 Section 06 [units: 1] NOTE: This course is restricted to students in the Moving Up Program.</p>					
<p>COREQ: RESTRICTED TO STUDENTS IN THE MOVING UP PROGRAM. STUDENTS MUST ALSO ENROLL IN MATH 141-04</p>					
09/06-12/22	R	05:00 PM - 05:50 PM	LT2006	Teri Alder	MOVING UP
<p>S/NC Grading Basis Only</p>					

Start/End Dates Meeting Days Meeting Times Location Instructor Course Topic (if applicable)

MATH 139 QUANTITATIVE REASONING ... A quantitative reasoning course which includes topics from college algebra (such as functions, linear, exponential and logarithmic models), statistics, and probability. Emphasizes modeling, problem-solving and applications. Designed for students whose programs do not require further coursework in pre-calculus or calculus. Appropriate for students majoring and minoring in areas such as the arts, humanities, social sciences, and education.

PREREQ: MATH 41 WITH A GRADE OF C OR BETTER OR WAIVER

#4501	Section 01	[units: 3]				
	09/06-12/22	TR	09:30 AM - 10:45 AM	HE0102	Corey Bruns	
#4502	Section 02	[units: 3]				
	09/06-12/22	MW	09:30 AM - 10:45 AM	HE0102	Geethamali Samaranyake	
#4503	Section 03	[units: 3]				
	09/06-12/22	MW	12:30 PM - 01:45 PM	HE0102	Geethamali Samaranyake	
#4504	Section 04	[units: 3]				
	09/06-12/22	MW	11:00 AM - 12:15 PM	HE0102	Geethamali Samaranyake	
#4505	Section 05	[units: 3]				
	09/06-12/22	TR	11:00 AM - 12:15 PM	HE0102	Angela Harlan	
#4698	Section 06	[units: 3]				
	09/06-12/22	TR	12:30 PM - 01:45 PM	HE0102	Huckleberry Rahr	
#4506	Section 06P	[units: 3]				
	09/06-12/22	TR	12:30 PM - 01:45 PM	HE0102	Huckleberry Rahr	
#4507	Section 07	[units: 3]				
	09/06-12/22	MW	02:00 PM - 03:15 PM	HE0102	Heather Conte	
#4508	Section 08	[units: 3]				
	09/06-12/22	TR	05:00 PM - 06:15 PM	HE0102	Fe Evangelista	

MATH 140 MATHEMATICAL IDEAS ... Designed to give students a broad understanding and appreciation of mathematics. Includes topics not usually covered in a traditional algebra course. Topics encompass some algebra, problem solving, counting principles, probability, statistics, and consumer mathematics. This course is designed to meet the University Proficiency Requirement for students who do not wish to take any course having MATH 141 as a prerequisite.

PREREQ: MATH 41 WITH A GRADE OF C OR BETTER OR WAIVER

#1503	Section 01	[units: 3]				
	09/06-12/22	TR	03:30 PM - 04:45 PM	UH0144	Thomas Drucker	

MATH 141 FUNDAMENTALS OF COLLEGE ALGEBRA ... A functional approach to algebra with emphasis on applications to different disciplines. Topics include linear, exponential, logarithmic, quadratic, polynomial and rational equations and functions, systems of linear equations, linear inequalities, radicals and rational exponents, complex numbers, variation. Properties of exponents, factoring, and solving linear equations are reviewed.

PREREQ: MATH 41 WITH A GRADE OF C OR BETTER OR WAIVER

#1579	Section 01	[units: 4]	NOTE: Students are required to purchase an access code for an online homework system that will provide immediate feedback and additional support. Codes can be purchased from the University Bookstore for around \$34.			
	09/06-12/22	MTWR	08:00 AM - 08:50 AM	HH1317	Corey Bruns	
#1504	Section 02	[units: 4]	NOTE: Students are required to purchase an access code for an online homework system that will provide immediate feedback and additional support. Codes can be purchased from the University Bookstore for around \$34.			
	09/06-12/22	MTWR	08:00 AM - 08:50 AM	HE0219	Pawel Felcyn	
#1505	Section 03	[units: 4]	NOTE: Students are required to purchase an access code for an online homework system that will provide immediate feedback and additional support. Codes can be purchased from the University Bookstore for around \$34.			
	09/06-12/22	MTWR	08:00 AM - 08:50 AM	HE0117	Ram Neupane	
#4699	Section 04	[units: 4]				
	09/06-12/22	MTWR	08:00 AM - 08:50 AM	HH1310	Heather Conte	MOVING UP
#1631	Section 04P	[units: 4]	NOTE: This course is restricted to students in the Moving Up Program. Students must also enroll in one of the sections of Math 049. Students are required to purchase an access code for an online homework system that will provide immediate feedback and additional support. Codes can be purchased from the University Bookstore for around \$34.			
	09/06-12/22	MTWR	08:00 AM - 08:50 AM	HH1310	Heather Conte	MOVING UP
#1507	Section 05	[units: 4]	NOTE: Students are required to purchase an access code for an online homework system that will provide immediate feedback and additional support. Codes can be purchased from the University Bookstore for around \$34.			
	09/06-12/22	MTWR	09:00 AM - 09:50 AM	HE0219	Pawel Felcyn	
#1508	Section 06	[units: 4]	NOTE: Students are required to purchase an access code for an online homework system that will provide immediate feedback and additional support. Codes can be purchased from the University Bookstore for around \$34.			
	09/06-12/22	MTWR	09:00 AM - 09:50 AM	HE0117	Ram Neupane	
#4730	Section 07	[units: 4]				
	09/06-12/22	MTWR	09:00 AM - 09:50 AM	HE0112	Huckleberry Rahr	LEARNING COMMUNITY
#1593	Section 07X	[units: 4]	NOTE: This section is restricted to Learning Community students. Students are required to purchase an access code for an online homework system that will provide immediate feedback and additional support. Codes can be purchased from the University Bookstore for around \$34.			
	09/06-12/22	MTWR	09:00 AM - 09:50 AM	HE0112	Huckleberry Rahr	LEARNING COMMUNITY

<i>Start/End Dates</i>	<i>Meeting Days</i>	<i>Meeting Times</i>	<i>Location</i>	<i>Instructor</i>	<i>Course Topic (if applicable)</i>
#1509 Section 08 [units: 4]	NOTE: This section is restricted to Learning Community students. Students are required to purchase an access code for an online homework system that will provide immediate feedback and additional support. Codes can be purchased from the University Bookstore for around \$34.				
09/06-12/22	MTWR	10:00 AM - 10:50 AM	HE0219	Balamurugan Pandiyan	LEARNING CENTER
#1510 Section 09 [units: 4]	NOTE: This course is restricted to students in the Moving Up Program. Students must also enroll in one of the sections of Math 049. Students are required to purchase an access code for an online homework system that will provide immediate feedback and additional support. Codes can be purchased from the University Bookstore for around \$34.				
COREQ: RESTRICTED TO STUDENTS IN THE MOVING UP PROGRAM. STUDENTS MUST ALSO ENROLL IN MATH 049-04					
09/06-12/22	MTWR	10:00 AM - 10:50 AM	HE0112	Heather Conte	MOVING UP
#1613 Section 10 [units: 4]	NOTE: This course is restricted to students in the Moving Up Program. Students must also enroll in one of the sections of Math 049. Students are required to purchase an access code for an online homework system that will provide immediate feedback and additional support. Codes can be purchased from the University Bookstore for around \$34.				
COREQ: RESTRICTED TO STUDENTS IN THE MOVING UP PROGRAM. STUDENTS MUST ALSO ENROLL IN MATH 049-04					
09/06-12/22	MTWR	10:00 AM - 10:50 AM	HH1310	Angela Harlan	MOVING UP
#1512 Section 11 [units: 4]	NOTE: Students are required to purchase an access code for an online homework system that will provide immediate feedback and additional support. Codes can be purchased from the University Bookstore for around \$34.				
09/06-12/22	MTWR	11:00 AM - 11:50 AM	HE0215	Ram Neupane	
#1594 Section 12 [units: 4]	NOTE: Students are required to purchase an access code for an online homework system that will provide immediate feedback and additional support. Codes can be purchased from the University Bookstore for around \$34. Math 141 sections 12 and 12X are combined sections.				
09/06-12/22	MTWR	11:00 AM - 11:50 AM	HE0112	Huckleberry Rahr	
#4423 Section 12X [units: 4]	NOTE: This section is restricted to Learning Community students. Students are required to purchase an access code for an online homework system that will provide immediate feedback and additional support. Codes can be purchased from the University Bookstore for around \$34. Math 141 sections 12 and 12X are combined sections.				
09/06-12/22	MTWR	11:00 AM - 11:50 AM	HE0112	Huckleberry Rahr	
#1513 Section 13 [units: 4]	NOTE: Students are required to purchase an access code for an online homework system that will provide immediate feedback and additional support. Codes can be purchased from the University Bookstore for around \$34.				
09/06-12/22	MTWR	12:00 PM - 12:50 PM	HE0112	Corey Bruns	
#1514 Section 14 [units: 4]	NOTE: Students are required to purchase an access code for an online homework system that will provide immediate feedback and additional support. Codes can be purchased from the University Bookstore for around \$34.				
09/06-12/22	MTWR	12:00 PM - 12:50 PM	HE0215	Pawel Felcyn	
#1624 Section 15 [units: 4]	NOTE: Students are required to purchase an access code for an online homework system that will provide immediate feedback and additional support. Codes can be purchased from the University Bookstore for around \$34.				
09/06-12/22	MTWR	12:00 PM - 12:50 PM	HE0117	Ram Neupane	
#1564 Section 16 [units: 4]	NOTE: Students are required to purchase an access code for an online homework system that will provide immediate feedback and additional support. Codes can be purchased from the University Bookstore for around \$34. Math 141 sections 16 and 16P are combined sections.				
09/06-12/22	MTWR	12:00 PM - 12:50 PM	HH1317	Balamurugan Pandiyan	
#1515 Section 17 [units: 4]	NOTE: Students are required to purchase an access code for an online homework system that will provide immediate feedback and additional support. Codes can be purchased from the University Bookstore for around \$34.				
09/06-12/22	MTWR	01:00 PM - 01:50 PM	HE0112	Corey Bruns	
#1516 Section 18 [units: 4]	NOTE: Students are required to purchase an access code for an online homework system that will provide immediate feedback and additional support. Codes can be purchased from the University Bookstore for around \$34.				
09/06-12/22	MTWR	01:00 PM - 01:50 PM	HH1317	Xueqing Chen	
#4736 Section 19 [units: 4]					
09/06-12/22	MTWR	01:00 PM - 01:50 PM	HE0215	Heather Conte	
#1571 Section 19P [units: 4]	NOTE: This section is restricted to students in the Pathways program. Students are required to purchase an access code for an online homework system that will provide immediate feedback and additional support. Codes can be purchased from the University Bookstore for around \$34.				
09/06-12/22	MTWR	01:00 PM - 01:50 PM	HE0215	Heather Conte	
#1517 Section 20 [units: 4]	NOTE: This course is restricted to students in the Moving Up Program. Students must also enroll in one of the sections of Math 049. Students are required to purchase an access code for an online homework system that will provide immediate feedback and additional support. Codes can be purchased from the University Bookstore for around \$34.				
COREQ: RESTRICTED TO STUDENTS IN THE MOVING UP PROGRAM. STUDENTS MUST ALSO ENROLL IN MATH 049-04					
09/06-12/22	MTWR	01:00 PM - 01:50 PM	HH1310	Angela Harlan	MOVING UP
#1553 Section 21 [units: 4]	NOTE: Students are required to purchase an access code for an online homework system that will provide immediate feedback and additional support. Codes can be purchased from the University Bookstore for around \$34.				
09/06-12/22	MTWR	02:00 PM - 02:50 PM	HE0215	Pawel Felcyn	
#1554 Section 22 [units: 4]	NOTE: This section is restricted to Learning Community students. Students are required to purchase an access code for an online homework system that will provide immediate feedback and additional support. Codes can be purchased from the University Bookstore for around \$34.				
09/06-12/22	MTWR	02:00 PM - 02:50 PM	HE0117	Balamurugan Pandiyan	
#1582 Section 23 [units: 4]	NOTE: Students are required to purchase an access code for an online homework system that will provide immediate feedback and additional support. Codes can be purchased from the University Bookstore for around \$34.				
09/06-12/22	MTWR	02:00 PM - 02:50 PM	HE0112	Huckleberry Rahr	
#1583 Section 24 [units: 4]	NOTE: Students are required to purchase an access code for an online homework system that will provide immediate feedback and additional support. Codes can be purchased from the University Bookstore for around \$34.				
09/06-12/22	MTWR	03:00 PM - 03:50 PM	HE0215	Xueqing Chen	

<i>Start/End Dates</i>	<i>Meeting Days</i>	<i>Meeting Times</i>	<i>Location</i>	<i>Instructor</i>	<i>Course Topic (if applicable)</i>
#1584 Section 25 [units: 4]	NOTE: Students are required to purchase an access code for an online homework system that will provide immediate feedback and additional support. Codes can be purchased from the University Bookstore for around \$34.				
09/06-12/22	MTWR	03:00 PM - 03:50 PM	HE0117	Balamurugan Pandiyan	
#1585 Section 26 [units: 4]	NOTE: Students are required to purchase an access code for an online homework system that will provide immediate feedback and additional support. Codes can be purchased from the University Bookstore for around \$34.				
09/06-12/22	MTWR	04:00 PM - 04:50 PM	HE0215	Xueqing Chen	
#1586 Section 27 [units: 4]					
09/06-12/22	MW	05:00 PM - 06:40 PM	HH1317	To Be Arranged	
#1599 Section 28 [units: 4]	NOTE: Students are required to purchase an access code for an online homework system that will provide immediate feedback and additional support. Codes can be purchased from the University Bookstore for around \$34. This course will be taught using Desire2Learn. Shortly before the start of the semester, information will be sent to each student's UWW email address. Required additional fee of \$200 will be assessed for this class. Exams are to be taken in a proctored environment. Students who cannot come to campus are responsible for finding a proctor and obtaining the instructor's approval.				
09/06-12/22	Arranged	Arranged	WEB BASED	To Be Arranged	
#1601 Section 29 [units: 4]	NOTE: Students are required to purchase an access code for an online homework system that will provide immediate feedback and additional support. Codes can be purchased from the University Bookstore for around \$34. This course will be taught using Desire2Learn. Shortly before the start of the semester, information will be sent to each student's UWW email address. An additional required fee of \$200 will be assessed for this class. Exams are to be taken in a proctored environment. Students who cannot come to campus are responsible for finding a proctor and obtaining the instructor's approval. Math 141 sections 29 and 29W are combined sections.				
09/06-12/22	Arranged	Arranged	WEB BASED	Joan Stamm	
#4425 Section 29W [units: 4]	NOTE: This section is reserved for students in online majors only. Students are required to purchase an access code for an online homework system that will provide immediate feedback and additional support. Codes can be purchased from the University Bookstore for around \$34. This course will be taught using Desire2Learn. Shortly before the start of the semester, information will be sent to each student's UWW email address. An additional required fee of \$200 will be assessed for this class. Exams are to be taken in a proctored environment. Students who cannot come to campus are responsible for finding a proctor and obtaining the instructor's approval. Math 141 sections 29 and 29W are combined sections.				
PREREQ: MUST BE ADMITTED TO AN ON-LINE MAJOR					
09/06-12/22	Arranged	Arranged	WEB BASED	Joan Stamm	
#4309 Section 30 [units: 4]	NOTE: Students are required to purchase an access code for an online homework system that will provide immediate feedback and additional support. Codes can be purchased from the University Bookstore for around \$34.				
09/06-12/22	MW	05:00 PM - 06:40 PM	HE0215	To Be Arranged	
#4310 Section 31 [units: 4]	NOTE: Students are required to purchase an access code for an online homework system that will provide immediate feedback and additional support. Codes can be purchased from the University Bookstore for around \$34.				
09/06-12/22	TR	05:00 PM - 06:40 PM	HE0219	To Be Arranged	
#4311 Section 32 [units: 4]					
09/06-12/22	MTWR	09:00 AM - 09:50 AM	WH2015	To Be Arranged	
#4312 Section 33 [units: 4]					
09/06-12/22	MTWR	10:00 AM - 10:50 AM	WH4013	To Be Arranged	
#4313 Section 34 [units: 4]					
09/06-12/22	MTWR	11:00 AM - 11:50 AM	HH3100	To Be Arranged	
#4314 Section 35 [units: 4]					
09/06-12/22	MTWR	12:00 PM - 12:50 PM	HE0211	To Be Arranged	
#4316 Section 37 [units: 4]					
09/06-12/22	MTWR	02:00 PM - 02:50 PM	MG0122	To Be Arranged	
#4317 Section 38 [units: 4]					
09/06-12/22	MTWR	03:00 PM - 03:50 PM	WH4007	To Be Arranged	
#4318 Section 39 [units: 4]					
09/06-12/22	MTWR	04:00 PM - 04:50 PM	HE0206	To Be Arranged	

MATH 143 FINITE MATHEMATICS FOR BUSINESS AND SOCIAL SCIENCES (GM) ... Mathematical preparation for the understanding of various quantitative methods in modern management and social sciences. Topics included are sets, relations, linear functions, interest, annuities, matrix theory, the solution of linear systems by the graphical, algebraic, Gauss-Jordan, and inverse methods, linear programming by graphical and simplex methods, counting and probability, and decision theory. College of Business and Economics majors must take this course on a conventional grade basis.

PREREQ: MATH 141 WITH A GRADE OF C OR BETTER OR WAIVER.

#1518 Section 01 [units: 3]	Gen Ed Math/Natural Sciences (GM)				
09/06-12/22	MW	08:00 AM - 09:15 AM	HH1301	Wesley Hough	
#1519 Section 02 [units: 3]	Gen Ed Math/Natural Sciences (GM)				
09/06-12/22	TR	08:00 AM - 09:15 AM	HE0215	Wesley Hough	
#1520 Section 03 [units: 3]	Gen Ed Math/Natural Sciences (GM)				
09/06-12/22	TR	09:30 AM - 10:45 AM	MG0125	Khyam Paneru	
#1521 Section 04 [units: 3]	Gen Ed Math/Natural Sciences (GM)				
09/06-12/22	TR	11:00 AM - 12:15 PM	MG0125	Robert Siemann	
#1522 Section 05 [units: 3]	Gen Ed Math/Natural Sciences (GM)				
09/06-12/22	MWF	12:00 PM - 12:50 PM	MG0125	Ki-Bong Nam	
#1523 Section 06 [units: 3]	Gen Ed Math/Natural Sciences (GM)				
09/06-12/22	MW	12:30 PM - 01:45 PM	MG0117	Aditi Ghosh	
#1524 Section 07 [units: 3]	Gen Ed Math/Natural Sciences (GM)				
09/06-12/22	MW	12:30 PM - 01:45 PM	HE0219	Tamas Szabo	

<i>Start/End Dates</i>	<i>Meeting Days</i>	<i>Meeting Times</i>	<i>Location</i>	<i>Instructor</i>	<i>Course Topic (if applicable)</i>
#1525 Section 08	[units: 3]	Gen Ed Math/Natural Sciences (GM)			
09/06-12/22	MWF	01:00 PM - 01:50 PM	MG0125	Ki-Bong Nam	
#1526 Section 09	[units: 3]	Gen Ed Math/Natural Sciences (GM)			
09/06-12/22	TR	02:00 PM - 03:15 PM	MG0117	William Mickelson	
#1527 Section 10	[units: 3]	Gen Ed Math/Natural Sciences (GM)			
09/06-12/22	TR	09:30 AM - 10:45 AM	HY0216	To Be Arranged	
#1528 Section 11	[units: 3]	Gen Ed Math/Natural Sciences (GM)			
09/06-12/22	MW	03:30 PM - 04:45 PM	HH2300	Khyam Paneru	
#1572 Section 12	[units: 3]	Gen Ed Math/Natural Sciences (GM)			
09/06-12/22	TR	03:30 PM - 04:45 PM	MG0125	Khyam Paneru	
#1529 Section 13	[units: 3]	Gen Ed Math/Natural Sciences (GM)			
09/06-12/22	TR	05:00 PM - 06:15 PM	HH1310	Aditi Ghosh	
#1530 Section 14	[units: 3]	Gen Ed Math/Natural Sciences (GM)			
09/06-12/22	W	05:00 PM - 07:30 PM	HH1310	To Be Arranged	
#1531 Section 15	[units: 3]	Gen Ed Math/Natural Sciences (GM)			
NOTE: This course will be taught using Desire2Learn. Shortly before the start of the semester, information will be sent to each student's UWW email address. An additional required fee of \$150 will be assessed for this class. Exams are to be taken in a proctored environment. Students who cannot come to campus are responsible for finding a proctor and obtaining the instructor's approval. Math 143 sections 15 and 15W are combined sections.					
09/06-12/22	Arranged	Arranged	WEB BASED	Tamas Szabo	
#4426 Section 15W	[units: 3]	Gen Ed Math/Natural Sciences (GM)			
NOTE: This sections is for students who are in online majors only. This course will be taught using Desire2Learn. Shortly before the start of the semester, information will be sent to each student's UWW email address. An additional required fee of \$150 will be assessed for this class. Exams are to be taken in a proctored environment. Students who cannot come to campus are responsible for finding a proctor and obtaining the instructor's approval. Math 143 sections 15 and 15W are combined sections.					
PREREQ: MUST BE ADMITTED TO AN ON-LINE MAJOR					
09/06-12/22	Arranged	Arranged	WEB BASED	Tamas Szabo	
#4324 Section 16	[units: 3]	Gen Ed Math/Natural Sciences (GM)			
09/06-12/22	MW	02:00 PM - 03:15 PM	HH2203	To Be Arranged	
#4325 Section 17	[units: 3]	Gen Ed Math/Natural Sciences (GM)			
09/06-12/22	MW	03:30 PM - 04:45 PM	HE0211	To Be Arranged	
#4326 Section 18	[units: 3]	Gen Ed Math/Natural Sciences (GM)			
09/06-12/22	MWF	08:00 AM - 08:50 AM	HE0206	To Be Arranged	
#4327 Section 19	[units: 3]	Gen Ed Math/Natural Sciences (GM)			
09/06-12/22	MW	11:00 AM - 12:15 PM	HE0201	To Be Arranged	
#4328 Section 20	[units: 3]	Gen Ed Math/Natural Sciences (GM)			
09/06-12/22	MWF	09:00 AM - 09:50 AM	HE0201	To Be Arranged	
#4775 Section 21	[units: 3]	Gen Ed Math/Natural Sciences (GM)			
NOTE: Restricted to students in the Janesville Craig PIE Program.					
09/06-12/22	Arranged	Arranged	OFF CAMPUS	Angela Harlan	PIE PROGRAM
09/06-12/22	Arranged	Arranged	OFF CAMPUS	Erica Jensen	PIE PROGRAM
#4776 Section 22	[units: 3]	Gen Ed Math/Natural Sciences (GM)			
NOTE: Restricted to students in the Portage PIE Program.					
09/06-12/22	Arranged	Arranged	OFF CAMPUS	Ryan Hansen	PIE PROGRAM
09/06-12/22	Arranged	Arranged	OFF CAMPUS	Tamas Szabo	PIE PROGRAM

MATH 148 MATHEMATICS FOR THE ELEMENTARY TEACHER I (GM) ... A study of sets, whole numbers, fractions, integers, decimals and real numbers, basic arithmetic operations and their properties, standard and alternative algorithms and estimations strategies; problem-solving, proportional reasoning and algebraic thinking. Manipulatives and cooperative learning activities are used throughout the course. For elementary education majors.

PREREQ: A GRADE OF C OR BETTER IN MATH 141 OR WAIVER

#1498 Section 01	[units: 3]	Gen Ed Math/Natural Sciences (GM)			
NOTE: Required additional course fee is \$26.00 for a manipulative math kit. Students are required to purchase an access code for an online homework system that will provide immediate feedback and additional support. Codes can be purchased from the University Bookstore for around \$34.					
09/06-12/22	MW	08:00 AM - 09:15 AM	HY0216	Kelly Strait	
#1499 Section 02	[units: 3]	Gen Ed Math/Natural Sciences (GM)			
NOTE: Required additional course fee is \$26.00 for a manipulative math kit.					
09/06-12/22	MW	09:30 AM - 10:45 AM	HY0216	Teri Alder	
#1500 Section 03	[units: 3]	Gen Ed Math/Natural Sciences (GM)			
NOTE: Required additional course fee is \$26.00 for a manipulative math kit.					
09/06-12/22	MW	02:00 PM - 03:15 PM	HY0216	Teri Alder	
#1625 Section 04	[units: 3]	Gen Ed Math/Natural Sciences (GM)			
NOTE: Required additional course fee is \$26.00 for a manipulative math kit.					
09/06-12/22	MW	05:00 PM - 06:15 PM	HY0216	Teri Alder	

MATH 149 MATHEMATICS FOR THE ELEMENTARY TEACHER II ... Topics in probability and statistics, with emphasis on descriptive techniques. Investigations in geometric figures, measurement, construction, transformations, congruent and similar geometric figures. Problem solving strategies, manipulatives, and cooperative learning activities are emphasized throughout the course.

PREREQ: MATH 147 WITH A GRADE OF C OR BETTER OR MATH 148 WITH A GRADE OF C OR BETTER

#1501 Section 01	[units: 3]				
NOTE: A required course fee of \$26.00 will be charged to students who did not receive a math manipulative kit in MATH 148. Students are required to purchase an access code for an online homework system that will provide immediate feedback and additional support. Codes can be purchased from the University Bookstore for around \$34.					
09/06-12/22	MW	12:30 PM - 01:45 PM	HY0216	Rachel Chaphalkar	

<u>Start/End Dates</u>	<u>Meeting Days</u>	<u>Meeting Times</u>	<u>Location</u>	<u>Instructor</u>	<u>Course Topic (if applicable)</u>
#1502	Section 02	[units: 3]	NOTE: A required course fee of \$26.00 will be charged to students who did not receive a math manipulative kit in MATH 148. Students are required to purchase an access code for an online homework system that will provide immediate feedback and additional support. Codes can be purchased from the University Bookstore for around \$34.		
09/06-12/22	TR	02:00 PM - 03:15 PM	HY0216	Rachel Chaphalkar	

MATH 152 ELEMENTARY FUNCTIONS (GM) ... Review of algebraic functions, inequalities, mathematical induction, theory of equations, exponential and logarithmic functions, circular functions, trigonometric identities and equations, inverse trigonometric functions, solution of triangles.

PREREQ: MATH 141 WITH A GRADE OF C OR BETTER OR WAIVER.

#1565	Section 01	[units: 5]	Gen Ed Math/Natural Sciences (GM)		
09/06-12/22	MTWRF	09:00 AM - 09:50 AM	HH1310	Thomas Drucker	
#1532	Section 02	[units: 5]	Gen Ed Math/Natural Sciences (GM)		
09/06-12/22	MTWRF	11:00 AM - 11:50 AM	HH1310	Peter Lampe	
#1533	Section 03	[units: 5]	Gen Ed Math/Natural Sciences (GM)		
09/06-12/22	MTWRF	12:00 PM - 12:50 PM	HH1310	Peter Lampe	
#1556	Section 04	[units: 5]	Gen Ed Math/Natural Sciences (GM) NOTE: This is a hybrid course which will have both classroom meetings and online instruction. Further instructions will be given the first day of class.		
09/06-12/22	MTWR	03:00 PM - 03:50 PM	HH1317	Julie Letellier	
09/06-12/22	Arranged	Arranged	WEB BASED	Julie Letellier	
#1567	Section 05	[units: 5]	Gen Ed Math/Natural Sciences (GM) NOTE: This is a hybrid course which will have both classroom meetings and online instruction. Further instructions will be given the first day of class.		
09/06-12/22	MTWR	04:00 PM - 04:50 PM	HH1317	Julie Letellier	
09/06-12/22	Arranged	Arranged	WEB BASED	Julie Letellier	

MATH 177 THE LOGIC OF CHESS ... A study of logic particularly as it is used in the game of chess and, most particularly, in chess strategy and the end game of chess. The rules are taught to those who are not already acquainted with the game.

PREREQ: MATH 141 OR MATH 140

#1534	Section 01	[units: 1]			
09/06-12/22	W	05:00 PM - 06:15 PM	MG0125	Thomas Drucker	

MATH 230 INTRODUCTION TO STATISTICAL REASONING AND ANALYSIS (GM) ... A course on the principles, procedures and concepts surrounding the production, summarization and analysis of data. Emphasis on critical reasoning and interpretation of statistical results. Content includes: probability, sampling, and research design; statistical inference, modeling and computing; practical application culminating in a research project. Unreq: ECON 245, PSYCH 215, SOCIOLOGY 295

PREREQ: GRADE OF C OR BETTER IN MATH 141 OR CONSENT OF INSTRUCTOR

#1589	Section 01	[units: 3]	Gen Ed Math/Natural Sciences (GM)		
09/06-12/22	TR	03:30 PM - 04:45 PM	HE0102	William Mickelson	
#1612	Section 02	[units: 3]	Gen Ed Math/Natural Sciences (GM) NOTE: This course will be taught using Desire2Learn. Shortly before the start of the semester, information will be sent to each student's UWW email address. An additional required fee of \$150 will be assessed for this class. Exams are to be taken in a proctored environment. Students who cannot come to campus are responsible for finding a proctor and obtaining the instructor's approval. Math 230 sections 02 and 02W are combined sections.		
09/06-12/22	Arranged	Arranged	WEB BASED	William Mickelson	
#4427	Section 02W	[units: 3]	Gen Ed Math/Natural Sciences (GM) NOTE: This section is reserved for students in online majors only. This course will be taught using Desire2Learn. Shortly before the start of the semester, information will be sent to each student's UWW email address. An additional required fee of \$150 will be assessed for this class. Exams are to be taken in a proctored environment. Students who cannot come to campus are responsible for finding a proctor and obtaining the instructor's approval. Math 230 sections 02 and 02W are combined sections.		

PREREQ: MUST BE ADMITTED TO AN ON-LINE MAJOR

09/06-12/22	Arranged	Arranged	WEB BASED	William Mickelson	
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MATH 243 SHORT CALCULUS FOR BUSINESS AND SOCIAL SCIENCES (GM) ... A general survey of the calculus. Topics covered include limits, differentiation, max-min theory, exponential and logarithmic functions, and integration. Business and social science applications are stressed.

PREREQ: MATH 143 OR MATH 152 WITH A GRADE OF C OR BETTER

#3955	Section 01	[units: 3]	Gen Ed Math/Natural Sciences (GM)		
09/06-12/22	MWF	09:00 AM - 09:50 AM	MG0125	Ki-Bong Nam	
#1536	Section 02	[units: 3]	Gen Ed Math/Natural Sciences (GM)		
09/06-12/22	MW	02:00 PM - 03:15 PM	HE0219	To Be Arranged	
#1537	Section 03	[units: 3]	Gen Ed Math/Natural Sciences (GM)		
09/06-12/22	MWF	10:00 AM - 10:50 AM	MG0125	Robert Siemann	
#1538	Section 04	[units: 3]	Gen Ed Math/Natural Sciences (GM)		
09/06-12/22	MWF	11:00 AM - 11:50 AM	MG0125	Robert Siemann	
#1568	Section 05	[units: 3]	Gen Ed Math/Natural Sciences (GM)		
09/06-12/22	TR	12:30 PM - 01:45 PM	HE0219	To Be Arranged	
#3956	Section 06	[units: 3]	Gen Ed Math/Natural Sciences (GM)		
09/06-12/22	MW	03:30 PM - 04:45 PM	HE0219	Leon Arriola	
#4288	Section 07	[units: 3]	Gen Ed Math/Natural Sciences (GM)		
09/06-12/22	MW	02:00 PM - 03:15 PM	HH2101	To Be Arranged	
#4289	Section 08	[units: 3]	Gen Ed Math/Natural Sciences (GM)		
09/06-12/22	TR	02:00 PM - 03:15 PM	HE0201	To Be Arranged	

Start/End Dates Meeting Days Meeting Times Location Instructor Course Topic (if applicable)

MATH 250 APPLIED CALCULUS SURVEY FOR BUSINESS AND SOCIAL SCIENCES (GM) ... An applied calculus course covering elementary analytic geometry, limits, differentiation, max-min theory, exponential and logarithmic functions, integration, functions of several variables, and elementary differential equations. Some computer topics may be included. A student may earn credit for only one of MATH 243, MATH 250, and MATH 253.

PREREQ: MATH 143 WITH A C OR BETTER OR MATH 152 WITH A C OR BETTER

#4433 Section 01 [units: 5] Gen Ed Math/Natural Sciences (GM)
 09/06-12/22 MW 02:00 PM - 02:50 PM HE0101 To Be Arranged
 09/06-12/22 TR 02:00 PM - 03:15 PM HE0101 To Be Arranged

MATH 253 CALCULUS AND ANALYTIC GEOMETRY I (GM) ... Review of algebraic and trigonometric functions, transcendental functions, limits, study of the derivative, techniques of differentiation, continuity, applications of the derivative, L' Hopital's Rule and indeterminate forms, the Riemann integral, Fundamental Theorem of Calculus, and substitution rule.

PREREQ: MATH 152 WITH A GRADE OF C OR BETTER OR EQUIVALENT HIGH SCHOOL PREPARATION AS DETERMINED BY THE MATHEMATICS DEPARTMENT.

#1540 Section 01 [units: 5] Gen Ed Math/Natural Sciences (GM) NOTE: Students are required to purchase an access code for an online homework system that will provide immediate feedback and additional support. Codes can be purchased from the University Bookstore for around \$34.
 09/06-12/22 MTWRF 09:00 AM - 09:50 AM HH1317 Rachel Chaphalkar
 #1566 Section 02 [units: 5] Gen Ed Math/Natural Sciences (GM) NOTE: Students are required to purchase an access code for an online homework system that will provide immediate feedback and additional support. Codes can be purchased from the University Bookstore for around \$34.
 09/06-12/22 MTWRF 10:00 AM - 10:50 AM HH1317 Wesley Hough

#1569 Section 03 [units: 5] Gen Ed Math/Natural Sciences (GM) NOTE: Students are required to purchase an access code for an online homework system that will provide immediate feedback and additional support. Codes can be purchased from the University Bookstore for around \$34. This is a hybrid course which will have both classroom meetings and online instruction. Further instructions will be given the first day of class.

09/06-12/22 MTWR 11:00 AM - 11:50 AM HH1317 Geethamali Samaranyake
 09/06-12/22 F Arranged WEB BASED Geethamali Samaranyake

#1590 Section 04 [units: 5] Gen Ed Math/Natural Sciences (GM) NOTE: Students are required to purchase an access code for an online homework system that will provide immediate feedback and additional support. Codes can be purchased from the University Bookstore for around \$34.

09/06-12/22 MW 03:30 PM - 04:20 PM HH1310 Aditi Ghosh
 09/06-12/22 TR 03:30 PM - 04:45 PM HH1310 To Be Arranged

MATH 254 CALCULUS AND ANALYTIC GEOMETRY II ... Techniques of integration, applications of the integral, introduction to differential equations, polar coordinates and conic sections, infinite sequences and series. This course includes a writing component.

PREREQ: MATH 250 WITH A GRADE OF B OR BETTER OR MATH 253 WITH A GRADE OF C OR BETTER

#1541 Section 01 [units: 5]
 09/06-12/22 MTWRF 10:00 AM - 10:50 AM HE0117 Leon Arriola
 #1558 Section 02 [units: 5]
 09/06-12/22 MW 02:00 PM - 02:50 PM HH1310 Peter Lampe
 09/06-12/22 TR 02:00 PM - 03:15 PM HH1310 Peter Lampe

MATH 255 CALCULUS AND ANALYTIC GEOMETRY III ... Solid analytic geometry, vectors and vector functions, functions of several variables, multiple integrals and their applications.

PREREQ: MATH 254 WITH A C OR BETTER

#1542 Section 01 [units: 3] NOTE: Students are required to purchase an access code for an online homework system that will provide immediate feedback and additional support. Codes can be purchased from the University Bookstore for around \$34.

09/06-12/22 TR 02:00 PM - 03:15 PM HE0219 Geethamali Samaranyake

#4777 Section 02 [units: 3] NOTE: Restricted to students in the Nicolet PIE Program.

09/06-12/22 Arranged Arranged OFF CAMPUS Sobitha Samaranyake PIE PROGRAM
 09/06-12/22 Arranged Arranged OFF CAMPUS Michael Weidner PIE PROGRAM

MATH 280 DISCRETE MATHEMATICS ... This course will supply a thorough grounding in the mathematical topics which are central to the study of computer science, and which form the basis for many modern applications of mathematics to the social sciences. Topics covered will include sets, logic, Boolean algebra and switching circuits, combinatorics, probability, graphs, trees, recursion, and algorithm analysis. Expressing mathematical ideas and writing proofs will be emphasized.

PREREQ: MATH 250 WITH A GRADE OF B OR BETTER OR MATH 253 WITH A GRADE OF C OR BETTER

#1543 Section 01 [units: 3]
 09/06-12/22 MW 11:00 AM - 12:15 PM HE0219 Julie Letellier
 #1573 Section 02 [units: 3]
 09/06-12/22 TR 12:30 PM - 01:45 PM MG0125 Julie Letellier

MATH 301 INTRODUCTION TO ANALYSIS ... A first course in real analysis. Topics include properties of the real numbers, convergence of sequences, monotone and Cauchy sequences, continuity, differentiation, the Mean Value Theorem, and the Riemann integral. Emphasis is placed on proof-writing and communicating mathematics.

PREREQ: MATH 255 AND MATH 280

#1544 Section 01 [units: 3]
 09/06-12/22 TR 11:00 AM - 12:15 PM HE0219 Fe Evangelista

Start/End Dates Meeting Days Meeting Times Location Instructor Course Topic (if applicable)

MATH 342 APPLIED STATISTICS ... This course will cover the basics of statistical testing, regression analysis, experimental design, analysis of variance, and the use of computers to analyze statistical problems. This course contains a writing component.

PREREQ: MATH 253 OR MATH 250 OR CONSENT OF INSTRUCTOR

#1545 Section 01 [units: 3]

09/06-12/22 MW 12:30 PM - 01:45 PM HY0210 Khyam Paneru

MATH 355 MATRICES AND LINEAR ALGEBRA ... Systems of linear equations, matrices and determinants, finite dimensional vector spaces, linear dependence, bases, dimension, linear mappings, orthogonal bases, and eigenvector theory. Applications stressed throughout.

PREREQ: MATH 250 WITH A GRADE OF B OR BETTER OR MATH 253 WITH A GRADE OF C OR BETTER

#1547 Section 01 [units: 3]

09/06-12/22 MWF 10:00 AM - 10:50 AM UH0144 Sobitha Samaranyake

MATH 361 DIFFERENTIAL EQUATIONS ... Ordinary differential equations: general theory of linear equations, special methods for nonlinear equations including qualitative analysis and stability, power series and numerical methods, and systems of equations. Additional topics may include transformation methods and boundary value problems. Applications stressed throughout.

PREREQ: MATH 254 WITH A C OR BETTER

#1548 Section 01 [units: 3]

09/06-12/22 MWF 11:00 AM - 11:50 AM UH0150 Sobitha Samaranyake

MATH 370 PROBLEM SOLVING FOR THE ELEMENTARY TEACHER ... This course is primarily for pre-service elementary and middle school teachers. Students will learn a variety of problem solving strategies applicable in elementary and middle school. The applications will cover many different areas of mathematics.

PREREQ: MATH 149 WITH C OR BETTER

#1570 Section 01 [units: 3]

09/06-12/22 TR 12:30 PM - 01:45 PM HY0216 Tamas Szabo

MATH 375 DEVELOPMENT OF MATHEMATICS ... A study of the development of mathematical notation and ideas from prehistoric times to the present. Periods and topics will be chosen corresponding to the backgrounds and interests of the students.

PREREQ: MATH 152 WITH A GRADE OF C OR BETTER, OR CONSENT OF INSTRUCTOR

#1551 Section 01 [units: 3]

09/06-12/22 TR 02:00 PM - 03:15 PM UH0144 Thomas Drucker

MATH 416 GEOMETRY FOR THE ELEMENTARY TEACHER ... A study of the intuitive, informal geometry of sets of points in space. Topics include elementary constructions, coordinates and graphs, tessellations, transformations, problem solving, symmetries of polygons and polyhedra, and use of geometry computer software.

PREREQ: MATH 149 WITH C OR BETTER

#1549 Section 01 [units: 3]

09/06-12/22 MW 03:30 PM - 04:45 PM HY0216 Tamas Szabo

MATH 422 MATHEMATICS FOR HIGH SCHOOL TEACHERS II ... The course continues the exploration of the high school curriculum from an advanced perspective that was started in MATH 421. The focus is on deepening understanding of concepts, highlighting connections and solving challenging problems. The mathematical content includes congruence, distance, similarity, trigonometry, area, and volume. Connections to algebra are emphasized throughout the course.

PREREQ: MATH 353 AND MATH 421

#1592 Section 01 [units: 3]

09/06-12/22 TR 02:00 PM - 03:15 PM MG0125 Tamas Szabo

MATH 441 PROBABILITY THEORY ... Probability spaces, discrete and continuous random variables, mathematical expectation, discrete and continuous distributions.

PREREQ: MATH 255 WITH A GRADE OF C OR BETTER

#1591 Section 01 [units: 3]

09/06-12/22 MW 03:30 PM - 04:45 PM HE0112 William Mickelson

09/06-12/22 T 03:30 PM - 04:20 PM HE0112 William Mickelson

MATH 452 INTRODUCTION TO ABSTRACT ALGEBRA ... An introductory survey of abstract algebra and number theory with emphasis on the development and study of the number systems of integers, integers mod n , rationals, reals, and complex numbers. These offer examples of and motivation for the study of the classical algebraic structures of groups, rings integral domains and fields. Applications to algebraic coding theory and crystallography will be developed if time allows.

PREREQ: MATH 280 OR CONSENT OF INSTRUCTOR

#1563 Section 01 [units: 3]

09/06-12/22 TR 09:30 AM - 10:45 AM HH1305 Xueqing Chen

MATH 453 ABSTRACT ALGEBRA ... This course is a continuation of MATH 452 with emphasis on ring and field theory. Topics include a review of group theory, polynomial rings, divisibility in integral domains, vector spaces, extension fields, algebraic extension fields, finite fields, etc.

PREREQ: MATH 355 AND MATH 452

#3831 Section 01 [units: 3]

09/06-12/22 MW 03:30 PM - 04:45 PM MG0125 Ki-Bong Nam

Start/End Dates Meeting Days Meeting Times Location Instructor Course Topic (if applicable)

MATH 463 COMPLEX VARIABLES ... This course is a study of the algebra and geometry of complex numbers, the properties of analytic functions, contour integration, the calculus of residues and the properties of power series.

PREREQ: MATH 255

#3832 Section 01 [units: 3]

09/06-12/22 MWF 01:00 PM - 01:50 PM UH0144 Leon Arriola

MATH 498 INDEPENDENT STUDY ... Study of a selected topic or topics under the direction of a faculty member. Repeatable. Department Consent required.

#1552 Section 01 [units: 1-5]

09/06-12/22 Arranged Arranged To Be Arranged

Dept. Consent

#1559 Section 02 [units: 1-5]

09/06-12/22 Arranged Arranged To Be Arranged

Dept. Consent

#1560 Section 03 [units: 1-5]

09/06-12/22 Arranged Arranged To Be Arranged

Dept. Consent

#1561 Section 04 [units: 1-5]

09/06-12/22 Arranged Arranged To Be Arranged

Dept. Consent

MATH 498R INDEPENDENT STUDY - UNDERGRADUATE RESEARCH ... Study of a selected topic or topics under the direction of a faculty member. Repeatable. Department Consent required.

#1588 Section 01 [units: 3]

09/06-12/22 Arranged Arranged Khyam Paneru

SPORTS ANALYTICS IN BASEBALL

Dept. Consent

#1611 Section 02 [units: 1-3]

09/06-12/22 Arranged Arranged Khyam Paneru

INTRODUCTION TO R

Dept. Consent