

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

#2399 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.

01/19-05/17 MTWR 08:00 AM - 08:50 AM MC0011A Charlotte R Toboyek

#2392 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.

01/19-05/17 MTWR 09:00 AM - 09:50 AM MC0011A Charlotte R Toboyek

#4582 Section 03 [units: 4]

01/19-05/17 MTWR 11:00 AM - 11:50 AM MC0011A Charlotte R Toboyek

#2408 Section 03P [units: 4] NOTE: This section is restricted to the Pathways 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.

01/19-05/17 MTWR 11:00 AM - 11:50 AM MC0011A Charlotte R Toboyek

#2362 Section 04 [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.

01/19-05/17 MTWR 01:00 PM - 01:50 PM MC0011A Lori L Grady

#2319 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.

01/19-05/17 MTWR 02:00 PM - 02:50 PM MC0011A Lori L Grady

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

#3628 Section 05 [units: 1-3] NOTE: Restricted to students in the Moving Up Program.

Dept. Consent

COREQ: RESTRICTED TO STUDENTS IN THE MOVING UP PROGRAM. STUDENTS MUST ALSO ENROLL IN MATH 141-05

01/19-05/17 F 11:00 AM - 11:50 AM HE0112 Teri J Alder

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 in mathematics for those students who do not wish to take any course which has MATH 141 as a prerequisite. ACT Math subscore 19-23 (SAT 460-550)

PREREQ: MATH 41 WITH A GRADE OF C OR BETTER, OR DEMONSTRATION OF EQUIVALENT CAPABILITY

#2326 Section 01 [units: 3]

01/19-05/17 MWF 11:00 AM - 11:50 AM HE0117 Thomas L. 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. ACT Math subscore 19-23 (SAT 460-550)

PREREQ: MATH 41 WITH A GRADE OF C OR BETTER OR ITS EQUIVALENT

#2327 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.

01/19-05/17 MTWR 08:00 AM - 08:50 AM HH1310 Corey T Bruns

#2328 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.

01/19-05/17 MTWR 08:00 AM - 08:50 AM HH1305 Kelly M Strait

04/29 F 11:00 AM - 01:00 PM HH1310 Kelly M Strait EXAM REVIEW

05/06 F 11:00 AM - 01:00 PM HH1310 Kelly M Strait EXAM REVIEW

#2426 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.

01/19-05/17 MTWR 09:00 AM - 09:50 AM HE0112 John T Reilly

#2329 Section 04 [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.

01/19-05/17 MTWR 10:00 AM - 10:50 AM HE0112 John T Reilly

#2330 Section 05 [units: 4] NOTE: Restricted to students in the Moving Up 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.

Dept. Consent

COREQ: RESTRICTED TO STUDENTS IN THE MOVING UP PROGRAM. STUDENTS MUST ALSO ENROLL IN MATH 049-05

01/19-05/17 MTWR 11:00 AM - 11:50 AM HE0112 Teri J Alder

<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>
#4575 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.					
01/19-05/17	MTWR	11:00 AM - 11:50 AM	HH1310	Kelly M Strait	
01/29	F	11:00 AM - 11:50 AM	HH1310	Kelly M Strait	
04/29	F	11:00 AM - 01:00 PM		Kelly M Strait	EXAM REVIEW IN HH1310
05/06	F	11:00 AM - 01:00 PM		Kelly M Strait	EXAM REVIEW IN HH1310
#2331 Section 06P [units: 4] NOTE: This section is restricted to the Pathways 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.					
01/19-05/17	MTWR	11:00 AM - 11:50 AM	HH1310	Kelly M Strait	
01/29	F	11:00 AM - 11:50 AM	HH1310	Kelly M Strait	
04/29	F	11:00 AM - 01:00 PM		Kelly M Strait	EXAM REVIEW IN HH1310
05/06	F	11:00 AM - 01:00 PM		Kelly M Strait	EXAM REVIEW IN HH1310
#2332 Section 07P [units: 4] NOTE: This section is restricted to the Pathways 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.					
01/19-05/17	MTWR	12:00 PM - 12:50 PM	HE0112	John T Reilly	
#2403 Section 08 [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.					
01/19-05/17	MTWR	12:00 PM - 12:50 PM	HH1310	Kelly M Strait	
01/29	F	12:00 PM - 12:50 PM	HH1310	Kelly M Strait	
04/29	F	11:00 AM - 01:00 PM		Kelly M Strait	EXAM REVIEW IN HH1310
05/06	F	11:00 AM - 01:00 PM		Kelly M Strait	EXAM REVIEW IN HH1310
#4282 Section 08P [units: 4] NOTE: This section is restricted to the Pathways 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.					
01/19-05/17	MTWR	12:00 PM - 12:50 PM	HH1310	Kelly M Strait	
01/29	F	12:00 PM - 12:50 PM	HH1310	Kelly M Strait	
04/29	F	11:00 AM - 01:00 PM		Kelly M Strait	EXAM REVIEW IN HH1310
05/06	F	11:00 AM - 01:00 PM		Kelly M Strait	EXAM REVIEW IN HH1310
#2420 Section 09 [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.					
01/19-05/17	MTWR	01:00 PM - 01:50 PM	HE0215	Kelly M Strait	
04/29	F	11:00 AM - 01:00 PM		Kelly M Strait	EXAM REVIEW IN HH1310
05/06	F	11:00 AM - 01:00 PM		Kelly M Strait	EXAM REVIEW IN HH1310
#2333 Section 10 [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.					
01/19-05/17	MTWR	01:00 PM - 01:50 PM	HE0112	Geethamali G Samaranyake	
#2334 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.					
01/19-05/17	MTWR	02:00 PM - 02:50 PM	HE0112	Huckleberry Rahr	
#4283 Section 11X [units: 4] NOTE: This section is restricted to the Helahawks 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.					
01/19-05/17	MTWR	02:00 PM - 02:50 PM	HE0112	Huckleberry Rahr	
#2400 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.					
01/19-05/17	MTWR	04:00 PM - 04:50 PM	HE0112	Teri J Alder	
#2335 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.					
01/19-05/17	MTWR	04:00 PM - 04:50 PM	HH1310	Lori L Grady	
#2385 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.					
01/19-05/17	TR	05:00 PM - 06:40 PM	HH1310	Lori L Grady	
#2407 Section 15 [units: 4] NOTE: This is a web-based course. Addition course fee of \$200 is required. Exams are to be taken in a proctored environment. Students who cannot come to campus are responsible to find a proctor and obtain the instructor's approval.					
01/19-05/17	Arranged	Arranged	WEB BASED	Joan Stamm	
#2386 Section 16 [units: 4] NOTE: This is a web-based course. Addition course fee of \$200 is required. Exams are to be taken in a proctored environment. Students who cannot come to campus are responsible to find a proctor and obtain the instructor's approval.					
01/19-05/17	Arranged	Arranged	WEB BASED	Joan Stamm	
#4284 Section 16W [units: 4] NOTE: This section is reserve of online majors. This is a web-based course. Addition course fee of \$200 is required. Exams are to be taken in a proctored environment. Students who cannot come to campus are responsible to find a proctor and obtain the instructor's approval.					
PREREQ: MUST BE ADMITTED TO AN ON-LINE MAJOR					
01/19-05/17	Arranged	Arranged	WEB BASED	Joan Stamm	

<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>
#4533 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.			
01/19-05/17	MTWR	10:00 AM - 10:50 AM	UH0143	Fe S Evangelista	
04/27	W	05:30 PM - 07:00 PM	HE0117	Fe S Evangelista	REVIEW
#4534 Section 18	[units: 4]				
01/19-05/17	MTWR	04:00 PM - 04:50 PM	HE0216	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.

#2377 Section 01	[units: 3]	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.			
01/19-05/17	TR	08:00 AM - 09:15 AM	UH0144	To Be Arranged	
#2378 Section 02	[units: 3]	Gen Ed Math/Natural Sciences (GM)			
01/19-05/17	MWF	08:00 AM - 08:50 AM	MG0125	Khyam N Paneru	
#2336 Section 03	[units: 3]	Gen Ed Math/Natural Sciences (GM)			
01/19-05/17	MW	12:30 PM - 01:45 PM	MG0125	Leon M Arriola	
#2337 Section 04	[units: 3]	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.			
01/19-05/17	MWF	09:00 AM - 09:50 AM	HE0113	To Be Arranged	
#2338 Section 05	[units: 3]	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.			
01/19-05/17	TR	09:30 AM - 10:45 AM	HE0215	Huckleberry Rahr	
#2339 Section 06	[units: 3]	Gen Ed Math/Natural Sciences (GM)			
01/19-05/17	MWF	10:00 AM - 10:50 AM	HE0215	Ki-Bong Nam	
#2341 Section 08	[units: 3]	Gen Ed Math/Natural Sciences (GM)			
01/19-05/17	MWF	11:00 AM - 11:50 AM	HE0219	Khyam N Paneru	
#2342 Section 09	[units: 3]	Gen Ed Math/Natural Sciences (GM)			
01/19-05/17	MW	11:00 AM - 12:15 PM	UH0144	Tamas Szabo	
#2343 Section 10	[units: 3]	Gen Ed Math/Natural Sciences (GM)			
01/19-05/17	MW	11:00 AM - 12:15 PM	MG0125	Sobitha W Samaranayake	
#2344 Section 11	[units: 3]	Gen Ed Math/Natural Sciences (GM)			
01/19-05/17	TR	11:00 AM - 12:15 PM	HE0219	To Be Arranged	
#2345 Section 12	[units: 3]	Gen Ed Math/Natural Sciences (GM)			
01/19-05/17	TR	11:00 AM - 12:15 PM	MG0125	Balamurugan Pandiyan	
#2384 Section 13	[units: 3]	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.			
01/19-05/17	TR	11:00 AM - 12:15 PM	HE0215	Huckleberry Rahr	
#2387 Section 14	[units: 3]	Gen Ed Math/Natural Sciences (GM)			
01/19-05/17	MWF	12:00 PM - 12:50 PM	HE0117	William T Mickelson	
#2390 Section 15	[units: 3]	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.			
01/19-05/17	MW	12:30 PM - 01:45 PM	MG0117	Xueqing Chen	
#2393 Section 16	[units: 3]	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.			
01/19-05/17	MW	12:30 PM - 01:45 PM	HE0219	Huckleberry Rahr	
#2409 Section 17	[units: 3]	Gen Ed Math/Natural Sciences (GM)			
01/19-05/17	TR	12:30 PM - 01:45 PM	MG0125	Sobitha W Samaranayake	
#2410 Section 18	[units: 3]	Gen Ed Math/Natural Sciences (GM)			
01/19-05/17	TR	12:30 PM - 01:45 PM	HE0100	Thomas L McFarland	
#2411 Section 19	[units: 3]	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.			
01/19-05/17	TR	12:30 PM - 01:45 PM	HE0219	Pawel Felcyn	
#2417 Section 20	[units: 3]	Gen Ed Math/Natural Sciences (GM)			
01/19-05/17	MWF	01:00 PM - 01:50 PM	HE0117	William T Mickelson	
#3631 Section 21	[units: 3]	Gen Ed Math/Natural Sciences (GM)			
01/19-05/17	MWF	02:00 PM - 02:50 PM	HE0219	Ki-Bong Nam	
#3632 Section 22	[units: 3]	Gen Ed Math/Natural Sciences (GM)			
01/19-05/17	MW	02:00 PM - 03:15 PM	UH0144	Balamurugan Pandiyan	
#3633 Section 23	[units: 3]	Gen Ed Math/Natural Sciences (GM)			
01/19-05/17	TR	02:00 PM - 03:15 PM	HE0219	Peter H Lampe	
#3634 Section 24	[units: 3]	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.			
01/19-05/17	TR	02:00 PM - 03:15 PM	MG0117	To Be Arranged	

<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>
#3635 Section 25	[units: 3]	Gen Ed Math/Natural Sciences (GM)			
01/19-05/17	TR	02:00 PM - 03:15 PM	MG0125	Robert P Siemann	
#3636 Section 26	[units: 3]	Gen Ed Math/Natural Sciences (GM)			
01/19-05/17	TR	03:30 PM - 04:45 PM	MG0117	Leon M Arriola	
01/28	R	03:30 PM - 04:45 PM	HE0100	Leon M Arriola	QUIZ
02/11	R	03:30 PM - 04:45 PM	HE0100	Leon M Arriola	QUIZ
02/18	R	03:30 PM - 04:45 PM	HE0100	Leon M Arriola	EXAM
03/03	R	03:30 PM - 04:45 PM	HE0100	Leon M Arriola	QUIZ
03/17	R	03:30 PM - 04:45 PM	HE0100	Leon M Arriola	QUIZ
03/31	R	03:30 PM - 04:45 PM	HE0100	Leon M Arriola	EXAM
04/14	R	03:30 PM - 04:45 PM	HE0100	Leon M Arriola	QUIZ
04/28	R	03:30 PM - 04:45 PM	HE0100	Leon M Arriola	EXAM

#3637 Section 27 [units: 3] Gen Ed Math/Natural Sciences (GM)
01/19-05/17 W 05:00 PM - 07:30 PM HH2311 Xueqing Chen

#3638 Section 28 [units: 3] Gen Ed Math/Natural Sciences (GM) NOTE: This is a web-based course. Addition course fee of \$150 is required. Exams are to be taken in a proctored environment. Students who cannot come to campus are responsible to find a proctor and obtain the instructor's approval.

01/19-05/17 Arranged Arranged WEB BASED Tamas Szabo

#4285 Section 28W [units: 3] Gen Ed Math/Natural Sciences (GM) NOTE: This section is reserved for online majors. This is a web-based course. Addition course fee of \$150 is required. Exams are to be taken in a proctored environment. Students who cannot come to campus are responsible to find a proctor and obtain the instructor's approval.

PREREQ: MUST BE ADMITTED TO AN ON-LINE MAJOR

01/19-05/17 Arranged Arranged WEB BASED Tamas Szabo

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 A WAIVER FROM THE UNIVERSITY MATHEMATICS PROFICIENCY REQUIREMENT

#2320 Section 01 [units: 3] Gen Ed Math/Natural Sciences (GM) NOTE: Required course fee \$26.
01/19-05/17 TR 08:00 AM - 09:15 AM HY0216 Rachel M Chaphalkar

#2321 Section 02 [units: 3] Gen Ed Math/Natural Sciences (GM) NOTE: Required course fee \$26.
01/19-05/17 MWF 12:00 PM - 12:50 PM HY0216 Angela Kopf Harlan
02/19 F 12:00 PM - 12:50 PM HE0101 Angela Kopf Harlan EXAM

#2322 Section 03 [units: 3] Gen Ed Math/Natural Sciences (GM) NOTE: Required course fee \$26. 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.

01/19-05/17 MWF 01:00 PM - 01:50 PM HY0216 Angela Kopf Harlan

02/19 F 01:00 PM - 01:50 PM HE0101 Angela Kopf Harlan EXAM

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. All students will prepare a mathematics based activity and present it at an area elementary school.

PREREQ: MATH 148 WITH A GRADE OF C OR BETTER

#2323 Section 01 [units: 3] NOTE: A required course fee of \$26 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.

01/19-05/17 MWF 10:00 AM - 10:50 AM HY0216 Rachel M Chaphalkar

#2324 Section 02 [units: 3] NOTE: A required course fee of \$26 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.

01/19-05/17 MWF 11:00 AM - 11:50 AM HY0216 Rachel M Chaphalkar

#2325 Section 03 [units: 3] NOTE: A required course fee of \$26 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.

01/19-05/17 W 05:00 PM - 07:30 PM HY0216 Teri J Alder

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.

#2346 Section 01 [units: 5] Gen Ed Math/Natural Sciences (GM)
01/19-05/17 MTWRF 11:00 AM - 11:50 AM HH2311 Peter H Lampe

#2347 Section 02 [units: 5] Gen Ed Math/Natural Sciences (GM)
01/19-05/17 MTWRF 12:00 PM - 12:50 PM HH2311 Julie A Letellier

#4286 Section 02X [units: 5] Gen Ed Math/Natural Sciences (GM) NOTE: This section is restricted to the Covalent Bonds Learning Community students.

01/19-05/17 MTWRF 12:00 PM - 12:50 PM HH2311 Julie A Letellier

<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>
#2348 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. This is a hybrid course and will have classroom meetings plus online instruction. Further instructions will be given the first day of class.				
01/19-05/17	MTWR	01:00 PM - 01:50 PM	HH1310	Corey T Bruns	
01/19-05/17	F	Arranged	WEB BASED	Corey T Bruns	online
#2376 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. This is a hybrid course and will have classroom meetings plus online instruction. Further instructions will be given the first day of class.				
01/19-05/17	MTWR	02:00 PM - 02:50 PM	HH1310	Corey T Bruns	
01/19-05/17	F	Arranged	WEB BASED	Corey T Bruns	online
#2388 Section 05 [units: 5]	Gen Ed Math/Natural Sciences (GM) NOTE: This is a hybrid course and will have classroom meetings plus online instruction; further instructions will be given the first day of class.				
01/19-05/17	MTWR	04:00 PM - 04:50 PM	UH0144	Balamurugan Pandiyan	
01/19-05/17	F	Arranged	WEB BASED	Balamurugan Pandiyan	online

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

#2349 Section 01 [units: 1]	Gen Ed Math/Natural Sciences (GM)				
01/19-05/17	M	05:00 PM - 06:15 PM	HE0101	Thomas L McFarland	

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

#2350 Section 01 [units: 3]	Gen Ed Math/Natural Sciences (GM)				
01/19-05/17	MWF	10:00 AM - 10:50 AM	UH0144	William T Mickelson	
#3680 Section 02 [units: 3]	Gen Ed Math/Natural Sciences (GM)				
01/19-05/17	MWF	02:00 PM - 02:50 PM	HE0117	William T Mickelson	

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

#2351 Section 01 [units: 3]	Gen Ed Math/Natural Sciences (GM)				
01/19-05/17	TR	08:00 AM - 09:15 AM	HE0219	Leon M Arriola	
03/17	R	08:00 AM - 09:15 AM	HE0100	Leon M Arriola	QUIZ
03/31	R	08:00 AM - 09:15 AM	HE0100	Leon M Arriola	TEST
04/14	R	08:00 AM - 09:15 AM	HE0100	Leon M Arriola	QUIZ
04/28	R	08:00 AM - 09:15 AM	HE0100	Leon M Arriola	TEST
#2352 Section 02 [units: 3]	Gen Ed Math/Natural Sciences (GM)				
01/19-05/17	MWF	09:00 AM - 09:50 AM	HE0215	Ki-Bong Nam	
#2353 Section 03 [units: 3]	Gen Ed Math/Natural Sciences (GM)				
01/19-05/17	TR	09:30 AM - 10:45 AM	HE0219	Leon M Arriola	
01/28	R	09:30 AM - 10:45 AM	HE0100	Leon M Arriola	QUIZ
02/11	R	09:30 AM - 10:45 AM	HE0100	Leon M Arriola	QUIZ
02/18	R	09:30 AM - 10:45 AM	HE0100	Leon M Arriola	EXAM
03/03	R	09:30 AM - 10:45 AM	HE0100	Leon M Arriola	QUIZ
03/17	R	09:30 AM - 10:45 AM	HE0100	Leon M Arriola	QUIZ
03/31	R	09:30 AM - 10:45 AM	HE0100	Leon M Arriola	EXAM
04/14	R	09:30 AM - 10:45 AM	HE0100	Leon M Arriola	QUIZ
04/28	R	09:30 AM - 10:45 AM	HE0100	Leon M Arriola	EXAM
#2364 Section 04 [units: 3]	Gen Ed Math/Natural Sciences (GM)				
01/19-05/17	MWF	10:00 AM - 10:50 AM	MG0125	Robert P Siemann	
#2365 Section 05 [units: 3]	Gen Ed Math/Natural Sciences (GM)				
01/19-05/17	MWF	02:00 PM - 02:50 PM	MG0125	Robert P Siemann	
#2371 Section 06 [units: 3]	Gen Ed Math/Natural Sciences (GM)				
01/19-05/17	W	05:00 PM - 07:30 PM	HE0219	Leon M Arriola	
01/27	W	05:00 PM - 07:30 PM	HE0101	Leon M Arriola	QUIZ
02/10	W	05:00 PM - 07:30 PM	HE0101	Leon M Arriola	QUIZ
02/17	W	05:00 PM - 07:30 PM	HE0101	Leon M Arriola	EXAM
03/02	W	05:00 PM - 07:30 PM	HE0101	Leon M Arriola	QUIZ
03/16	W	05:00 PM - 07:30 PM	HE0101	Leon M Arriola	QUIZ
03/30	W	05:00 PM - 07:30 PM	HE0101	Leon M Arriola	EXAM
04/13	W	05:00 PM - 07:30 PM	HE0101	Leon M Arriola	QUIZ
04/27	W	05:00 PM - 07:30 PM	HE0101	Leon M Arriola	EXAM

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.

PREREQ: MATH 143 WITH A C OR BETTER OR EQUIVALENT PREPARATION AS DETERMINED BY THE MATH DEPARTMENT

#2381	Section 01	[units: 5]	Gen Ed Math/Natural Sciences (GM)				
	01/19-05/17	MTWRF	01:00 PM - 01:50 PM	HH2311	Thomas L. Drucker		
#2397	Section 02	[units: 5]	Gen Ed Math/Natural Sciences (GM)				
	01/19-05/17	MW	02:00 PM - 02:50 PM	HE0100	Thomas L McFarland		
	01/19-05/17	TR	02:00 PM - 03:15 PM	HE0100	Thomas L McFarland		

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.

#2354	Section 01	[units: 5]	Gen Ed Math/Natural Sciences (GM)				
	01/19-05/17	MTWRF	09:00 AM - 09:50 AM	HH1310	Peter H Lampe		
#2355	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. This is a hybrid course and will have classroom meetings plus online instruction. Further instructions will be given the first day of class.						
	01/19-05/17	MTWR	10:00 AM - 10:50 AM	HH1310	Geethamali G Samaranyake		
	01/19-05/17	F	Arranged		Geethamali G Samaranyake	online	
#2380	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.						
	01/19-05/17	MW	02:00 PM - 02:50 PM	HE0215	Pawel Felcyn		
	01/19-05/17	TR	02:00 PM - 03:15 PM	HE0215	Pawel Felcyn		

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

#2356	Section 01	[units: 5]					
	01/19-05/17	MTWRF	10:00 AM - 10:50 AM	HH2311	Julie A Letellier		
#2357	Section 02	[units: 5]					
	01/19-05/17	MW	02:00 PM - 02:50 PM	HH2311	Xueqing Chen		
	01/19-05/17	TR	02:00 PM - 03:15 PM	HH2311	Xueqing Chen		

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 GRADE OF C OR BETTER

#2358	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.						
	01/19-05/17	MW	11:00 AM - 12:15 PM	HH1303	Geethamali G Samaranyake		
#4551	Section 03	[units: 3]					
	NOTE: Restricted to students in the Kettle Moraine HS cohort						
	01/19-05/17	Arranged	Arranged	OFF CAMPUS	Suzanne M Zeihen	PIE PROGRAM	
	01/19-05/17	Arranged	Arranged	OFF CAMPUS	Geethamali G Samaranyake	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

#2359	Section 01	[units: 3]					
	01/19-05/17	TR	09:30 AM - 10:45 AM	MG0125	Corey T Bruns		

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

#2375	Section 01	[units: 3]					
	01/19-05/17	MW	08:00 AM - 09:15 AM	HH2311	Fe S Evangelista		

MATH 346 THEORY OF INTEREST ... This course will cover the topics of interest theory listed in the Society of Actuaries/Casualty Actuarial Society syllabus for Exam FM/2. Topics include the time value of money, annuities, loans, bonds, general cash flows and portfolios, and immunization schedules.

PREREQ: MATH 254 WITH A GRADE OF C OR BETTER

#3896	Section 01	[units: 3]					
	01/19-05/17	MWF	09:00 AM - 09:50 AM	MG0125	Khyam N Paneru		

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

MATH 352 INFINITE PROCESSES FOR THE ELEMENTARY TEACHER ... This course is primarily for pre-service elementary and middle school teachers. Students will be introduced to the concepts of calculus, which include infinite processes, limits, and continuity. In addition, derivatives and integrals, and their relationship to area and change will be covered.

PREREQ: MATH 152 WITH C OR BETTER

#2391 Section 01 [units: 3]

01/19-05/17 MWF 08:00 AM - 08:50 AM HY0216 Angela Kopf Harlan

MATH 353 COLLEGE GEOMETRY ... The topics included in this course are foundations of Euclidean geometry, Euclidean transformational geometry, modern synthetic geometry that builds on Euclidean geometry, selected finite geometries, and an introduction to non-Euclidean and projective geometry, including their relationship to Euclidean geometry. Although the course is adapted to the prospective teacher of geometry, it will also meet the needs of those in other majors needing a background in geometry. Standards and guidelines of appropriate national and local bodies will be implemented.

PREREQ: MATH 253 AND MATH 280

#2366 Section 01 [units: 5]

01/19-05/17 MW 02:00 PM - 02:50 PM HY0216 Tamas Szabo

01/19-05/17 TR 02:00 PM - 03:15 PM HY0216 Tamas Szabo

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

#2379 Section 01 [units: 3]

01/19-05/17 MW 12:30 PM - 01:45 PM UH0144 Ki-Bong Nam

#4552 Section 02 [units: 3] NOTE: Restricted to students in the Nicolet HS cohort.

01/19-05/17 Arranged Arranged OFF CAMPUS Michael Weidner PIE PROGRAM

01/19-05/17 Arranged Arranged OFF CAMPUS Xueqing Chen PIE PROGRAM

MATH 359 PROBABILITY & STATISTICS FOR TEACHERS ... An introduction to probability and statistics for teachers. Topics covered include counting techniques, basic probability theory, exploratory data analysis, simulation, randomization, and statistical inference. This course contains a writing component.

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

#2367 Section 01 [units: 3]

01/19-05/17 TR 11:00 AM - 12:15 PM HY0216 Rachel M Chaphalkar

MATH 415 MODERN ALGEBRA AND NUMBER THEORY FOR THE ELEMENTARY TEACHER ... An introduction to modern algebra with special emphasis on the number systems and algorithms which underlie the mathematics curriculum of the elementary school. Topics from logic, sets, algebraic structures, and number theory.

PREREQ: MATH 149 WITH C OR BETTER AND MATH 152 WITH C OR BETTER

#2368 Section 01 [units: 3]

01/19-05/17 MWF 09:00 AM - 09:50 AM HY0216 Angela Kopf Harlan

MATH 420 APPLIED REGRESSION ANALYSIS ... This is a second course in regression analysis and its applications. Topics include correlation, simple and multiple linear regression, model assumptions, inference of regression parameters, regression diagnostics and remedial measures, categorical predictors, multicollinearity, and model selection. Real data re emphasized and analyzed using statistical software such as R or SAS.

PREREQ: MATH 342 OR CONSENT OF INSTRUCTOR

#3681 Section 01 [units: 3]

01/19-05/17 MW 12:30 PM - 01:45 PM HY0210 Khyam N Paneru

MATH 421 MATHEMATICS FOR HIGH SCHOOL TEACHERS I ... The course revisits the high school curriculum from an advanced perspective. The focus is on deepening understanding of concepts, highlighting connections and solving challenging problems. The mathematical content includes number systems, functions, equations, integers, and polynomials. Connections to geometry are emphasized throughout the course.

PREREQ: MATH 280, MATH 301 AND AT LEAST AN ADDITIONAL 3 CREDITS IN UPPER LEVEL MATH

#2404 Section 01 [units: 3]

01/19-05/17 TR 03:30 PM - 04:45 PM HY0216 Tamas Szabo

MATH 442 MATHEMATICAL STATISTICS ... This course will cover moment generating functions, moments of linear combinations of random variables, conditional expectation, functions of random variables, sampling distributions, the theory of estimation, Bayesian estimation, hypothesis testing, nonparametric tests, and linear models.

PREREQ: MATH 441 WITH GRADE OF C OR BETTER

#2413 Section 01 [units: 4]

01/19-05/17 TR 03:30 PM - 05:10 PM HH2311 Julie A Letellier

MATH 449 ACTUARIAL EXAMINATION PREPARATION ... This course is designed to prepare students for Exam FM/2, the second actuarial exam which tests students' knowledge and understanding of the fundamental concepts of financial mathematics. Derivatives are introduced, interest theory is reviewed, and sample questions from previous exams and practice exams from other sources are discussed.

PREREQ: MATH 346

#2398 Section 01 [units: 1]

01/19-05/17 Arranged Arranged To Be Arranged

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

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 INSTUCTOR

#2382 Section 01 [units: 3]
01/19-05/17 TR 12:30 PM - 01:45 PM UH0144 Xueqing Chen

MATH 459 PARTIAL DIFFERENTIAL EQUATIONS ... Fourier analysis, partial differential equations and boundary value problems, complex variables, and potential theory.

PREREQ: MATH 361

#2402 Section 01 [units: 3]
01/19-05/17 TR 02:00 PM - 03:15 PM UH0144 Balamurugan Pandiyan

MATH 464 ADVANCED CALCULUS ... This course presents a rigorous treatment of the differential and integral calculus of single variable functions, convergence theory of numerical sequences and series, uniform convergence theory of sequences and series of functions, metric spaces, functions of several real variables, and the inverse function theorem. This course contains a writing component.

PREREQ: MATH 301

#3682 Section 01 [units: 3]
01/19-05/17 TR 09:30 AM - 10:45 AM HY0216 Pawel Felcyn

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

#2369 Section 01 [units: 1-5] Dept. Consent
01/19-05/17 Arranged Arranged

#2370 Section 02 [units: 1-5] Dept. Consent
01/19-05/17 Arranged Arranged

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

#2427 Section 01 [units: 1] Dept. Consent
01/19-05/17 Arranged Arranged Fe S Evangelista

#4564 Section 02 [units: 2] Dept. Consent
01/19-05/17 Arranged Arranged Khyam N Paneru

#4601 Section 03 [units: 1-3] Dept. Consent
01/19-05/17 Arranged Arranged Xueqing Chen