

Start/End Dates

Meeting Days

Meeting Times

Location

Instructor

Course Topic (if applicable)

## MATHEMATICAL AND COMPUTER SCIENCES

### Computer Science

**COMPSCI 162 COMPUTER APPLICATIONS ...** Computer Applications is designed for students with some previous computer experience. It covers topics similar to those in 765-161 but goes into more detail, including the writing of macros and batch files.

**COREQ: MATH 141 OR 140 OR WAIVER**

#1306 Section 01 [units: 3] Gen Ed Math/Natural Sciences (GM)  
05/29-07/06 MTWR 10:45 AM - 12:25 PM MG0115 Jiehui Ma

#1652 Section 02 [units: 3] Gen Ed Math/Natural Sciences (GM)  
07/09-08/17 MTWR 10:45 AM - 12:25 PM MG0115 Athula D. A. Gunawardena

**COMPSCI 498 INDEPENDENT STUDY IN COMPUTER SCIENCE ...** Study of a selected topic or topics under the direction of a faculty member. Repeatable. Department Consent required.

#1910 Section 01 [units: 1-3] Dept. Consent  
05/29-07/27 Arranged Arranged Bennette R Harris COMPUTER GAME DEVELOPMENT

#1919 Section 02 [units: 3] Dept. Consent  
05/29-08/17 Arranged Arranged Bennette R Harris WEB SERVER ADMINISTRATION

### Mathematics

**MATH 40 PRE-ALGEBRA ...** A course for students who need a review of basic mathematics or who lack the computational skills required for success in algebra and other University courses. Topics include fractions, decimals, percent, descriptive statistics, English and metric units of measure, and measures of geometric figures. Emphasis is on applications. A brief introduction to algebra is included at the end of the course. This course does count toward the semester credit load and will be computed into the grade point average. It will not be included in the 120 credits required for graduation. It may be taken for a conventional grade or on a satisfactory/no credit basis. Not available to students who have satisfied the University Proficiency requirement in mathematics. ACT Math subscore 17 or below (SAT 210-459)

#1284 Section 01 [units: 3]  
06/18-07/27 MTWRF 09:05 AM - 10:35 AM C2007 Eric P Anderson

**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: 760-040 or equivalent demonstration of capability.** Students cannot receive credit for 760-041 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 040 OR ITS EQUIVALENT**

#1296 Section 01 [units: 4]  
06/18-07/27 MTWRF 10:45 AM - 12:35 PM C2007 Eric P Anderson

**MATH 141 INTERMEDIATE ALGEBRA ...** Introduction to college algebra. Topics and concepts extend beyond those taught in a beginning algebra course. A proficiency course for those who have not had sufficient preparation in high school to allow them to take MATH 143 or MATH 152. ACT Math subscore 21-23 (SAT 530-569)

**PREREQ: MATH 041, WITH A GRADE OF C OR BETTER OR ITS EQUIVALENT**

#1274 Section 01 [units: 4]  
05/29-07/06 MTWRF 10:45 AM - 12:35 PM MG0117 Geethamali G Samaranayake

#1276 Section 02 [units: 4]  
07/09-08/17 MTWRF 10:45 AM - 12:35 PM MG0117 Julie A Letellier

**MATH 143 FINITE MATHEMATICS FOR BUSINESS AND SOCIAL SCIENCES ...** 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.**

#1278 Section 01 [units: 3] Gen Ed Math/Natural Sciences (GM)  
05/29-07/06 MTWR 10:45 AM - 12:25 PM MG0121 Sobitha W Samaranayake

**MATH 149 MATHEMATICS FOR THE ELEMENTARY TEACHER II ...** Selected topics in logic. The computer as a useful tool in mathematical explorations is introduced and applied throughout the course. Topics in probability and statistics, with emphasis on descriptive techniques. Investigations in geometric figures, measurement, construction, congruent and similar geometric figures. An introduction to coordinate geometry. Problem solving, discovery, and student projects are emphasized throughout. 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**

#1286 Section 01 [units: 3] NOTE: A required course fee of \$42.00 will be charged to students who did not receive a math manipulative kit in MATH 148.  
05/29-06/15 MTWRF 10:45 AM - 01:25 PM HY0216 Ruth S Whitmore

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**MATH 152 ELEMENTARY FUNCTIONS ... 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.**

#1282 Section 01 [units: 5] Gen Ed Math/Natural Sciences (GM)  
05/29-07/06 MTWRF 10:45 AM - 01:00 PM MG0122 Joan Stamm

**MATH 243 SHORT CALCULUS FOR BUSINESS AND SOCIAL SCIENCES ... A general survey of the Calculus. Topics covered include limits, differentiation, max-min theory, exponential and logarithmic functions, integration and functions of several variables. As in 760-143, business and social science applications are stressed. College of Business and Economics majors must take this course on a conventional grade basis.**

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

#1280 Section 01 [units: 3] Gen Ed Math/Natural Sciences (GM)  
07/09-08/17 MTWR 10:45 AM - 12:25 PM C1004 C V Rao

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

#1914 Section 01 [units: 3] Dept. Consent  
05/29-07/06 Arranged Arranged Geethamali G Samaranayake

#1915 Section 02 [units: 3] Dept. Consent  
05/29-08/17 Arranged Arranged Ruth S Whitmore MATHEMATICAL IDEAS