

MATHEMATICAL AND COMPUTER SCIENCES

Computer Science

COMPSCI 162 COMPUTER APPLICATIONS ... A thorough introduction to using computers covering word processing, spreadsheets, data storage and retrieval, computer graphics and applications, uses of computers, e-mail and the Internet, hardware, history, and problems arising from the use of computers.

COREQ: MATH 141 OR 140 OR WAIVER

#1420 Section 01 [units: 3] Gen Ed Math/Natural Sciences (GM) NOTE: This is a hybrid course which meets both in the classroom and on-line each week.

05/26-06/12 TWR 10:45 AM - 01:25 PM MG0115 Athula D. A. Gunawardena

05/26-06/12 M 10:45 AM - 01:25 PM WEB BASED Athula D. A. Gunawardena

#1422 Section 02 [units: 3] Gen Ed Math/Natural Sciences (GM) NOTE: This is a hybrid course which meets both in the classroom and on-line each week.

06/15-07/03 TWR 10:45 AM - 01:25 PM HY0210 Sobitha W Samaranayake

06/15-07/03 M 10:45 AM - 01:25 PM WEB BASED Sobitha W Samaranayake

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 14 or below (SAT 340 or below) Arithmetic skills test required.

#1400 Section 01 [units: 3]

06/15-07/24 MTWRF 09:05 AM - 10:35 AM WH1014 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

#1404 Section 01 [units: 4]

06/15-07/24 MTWRF 10:45 AM - 12:35 PM WH1014 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 19-23 (SAT 460-550)

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

#1394 Section 01 [units: 4] NOTE: This is a hybrid course which meets both in the classroom and on-line each week.

05/26-07/03 TWR 08:35 AM - 10:25 AM HY0216 Geethamali G Samaranayake

05/26-07/03 MF 08:35 AM - 10:25 AM WEB BASED Geethamali G Samaranayake

#1396 Section 02 [units: 4] NOTE: This is a hybrid course which meets both in the classroom and on-line each week.

07/06-08/14 TWR 08:35 AM - 10:25 AM HY0216 Julie A Letellier

07/06-08/14 MF 08:35 AM - 10:25 AM WEB BASED 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.

#1398 Section 01 [units: 3] Gen Ed Math/Natural Sciences (GM) NOTE: This is a hybrid course which meets both in the classroom and on-line each week.

05/26-06/12 TWR 10:45 AM - 01:25 PM HY0210 William A Sargeant

05/26-06/12 MF 10:45 AM - 01:25 PM WEB BASED Mohammad H Ahmadi

#1647 Section 02 [units: 3] Gen Ed Math/Natural Sciences (GM)

07/06-08/14 MTWRF 10:45 AM - 12:25 PM HY0211 C V Rao

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

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

#1402 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. This is a hybrid course which meets both in the classroom and on-line each week.

05/26-06/12 TWRf 10:45 AM - 01:25 PM HE0112 Fe S Evangelista

05/26-06/12 M 10:45 AM - 01:25 PM WEB BASED Fe S Evangelista

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.

#1408 Section 01 [units: 5] Gen Ed Math/Natural Sciences (GM)

05/26-07/03 MTWRF 10:45 AM - 01:00 PM MG0121 Bennette R Harris

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

#1410 Section 01 [units: 3] Gen Ed Math/Natural Sciences (GM)

07/06-08/14 MTWR 10:45 AM - 12:25 PM HE0100 Thomas L McFarland

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

#2062 Section 01 [units: 3]

05/26-08/14 Arranged Arranged

Ruth S Whitmore

Dept. Consent