

Start/End Dates

Meeting Days

Meeting Times

Location

Instructor

Course Topic (if applicable)

COMPUTER SCIENCE

Computer Science

COMPSCI 162 COMPUTER APPLICATIONS (GM) ... 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 MATH 140 OR WAIVER

#1098 Section 01 [units: 3] Gen Ed Math/Natural Sciences (GM) NOTE: This is a web based course. Required additional course fee is \$150. This class uses Office 2013; students will need to have access to this software to successfully complete this class.

05/31-06/18 Arranged Arranged WEB BASED Sobitha W Samaranayake

#1099 Section 02 [units: 3] Gen Ed Math/Natural Sciences (GM) NOTE: This is a web based course. Required additional course fee is \$150. This class uses Office 2013; students will need to have access to this software to successfully complete this class.

07/11-07/30 Arranged Arranged WEB BASED Athula D. A. Gunawardena

COMPSCI 171 INTRODUCTION TO PROGRAMMING (GM) ... An introduction to computer programming and its applications to science, business and education. Opportunity for extensive experience in designing and writing structured programs in the Visual Basic language.

PREREQ: MATH 141 OR WAIVER OF MATH 141

#1100 Section 01 [units: 3] Gen Ed Math/Natural Sciences (GM) NOTE: This is a web based course. Required additional course fee is \$150.

05/31-06/18 Arranged Arranged WEB BASED Lopamudra Mukherjee

COMPSCI 172 INTRODUCTION TO JAVA (GM) ... This course will give students the essentials of object-oriented programming in Java. Students will learn to formulate algorithms, to solve problems and to implement those solutions with a Java program that employs objects and classes. The student will be introduced to object-oriented design, applications and applets, class construction, methods and message passing arrays, string processing, file processing, and some event-handling and Graphical User Interface programming. This course is designed for students with some prior programming experience.

PREREQ: MATH 152 WITH A GRADE OF C OR BETTER, OR MATH 143 WITH A GRADE OF C OR BETTER, OR CALCULUS PLACEMENT, OR CONSENT OF INSTRUCTOR

#1101 Section 01 [units: 3] Gen Ed Math/Natural Sciences (GM) NOTE: This is a web based course. Required additional course fee is \$150.

05/31-07/09 Arranged Arranged WEB BASED Jiazhen Zhou

COMPSCI 174 INTRODUCTION TO C++ (GM) ... This course teaches basic programming skills using the structured high-level language C++. Topics include basic input and output, declaration and use of variables, use of control statements, implementation of functions using value and reference parameters, arrays, and structures. Students will write moderately complex applications using C++.

PREREQ: MATH 152 WITH A GRADE OF C OR BETTER, OR MATH 143 WITH A GRADE OF C OR BETTER, OR CALCULUS PLACEMENT, OR CONSENT OF INSTRUCTOR

#1104 Section 01 [units: 3] Gen Ed Math/Natural Sciences (GM) NOTE: This is a web based course. Required additional course fee is \$150.

05/31-07/09 Arranged Arranged WEB BASED Jiazhen Zhou

COMPSCI 220 INTERMEDIATE JAVA ... This course teaches more advanced topics in object-oriented program design and the Java programming language. Coverage includes multi-dimensional arrays, methods, error handling, strings, regular expressions, encapsulation, inheritance, polymorphism, generic types, program debugging and testing, database and file processing, event-handling, and graphical user interfaces. Unreq: MCS 220 and COMPSCI 222

PREREQ: COMPSCI 172 OR (COMPSCI 174 AND CONSENT OF INSTRUCTOR)

#1105 Section 01 [units: 3] NOTE: This is a web based course. Required additional course fee is \$150.

07/11-08/20 Arranged Arranged WEB BASED Hien M Nguyen

COMPSCI 222 INTERMEDIATE C++ ... This course will cover more advanced issues of C++, including memory management, pointers and user-defined data types. Topics will include reading and writing files, dynamic arrays, implementation of the principles of object oriented design including encapsulation, and inheritance, planning and testing. Students will write complex applications using C++.

PREREQ: COMPSCI 174 OR (COMPSCI 172 AND CONSENT OF INSTRUCTOR)

#1107 Section 01 [units: 3] NOTE: This is a web based course. Required additional course fee is \$150.

Instructor Consent

07/11-08/20 Arranged Arranged WEB BASED Hien M Nguyen

COMPSCI 271 ASSEMBLY PROGRAMMING ... This course covers the use of an assembly language based on the RISC processor architecture including writing, linking, and executing a program. Also covered are number systems, instructions for arithmetic and logical operations, memory access, loops, declaring variables, interrupts, machine language, segments, stacks, procedure writing, and file handling.

PREREQ: COMPSCI 172 OR COMPSCI 174

#1108 Section 01 [units: 3] NOTE: This is a hybrid course which meets TR online and MWF in the classroom.

07/11-07/30 TR Arranged WEB BASED Zachary J Oster

07/11-07/30 MWF 10:45 AM - 01:25 PM MG0115 Zachary J Oster

COMPSCI 493 INTERNSHIP IN COMPUTER SCIENCE ... S/NC grade basis only.

#1663 Section 01 [units: 3]

05/31-08/20 Arranged Arranged Lopamudra Mukherjee

S/NC Grading Basis Only

#1664 Section 02 [units: 3]

05/31-07/30 Arranged Arranged Athula D. A. Gunawardena

S/NC Grading Basis Only

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|-------------------------|---------------------|----------------------|-----------------|-------------------|-------------------------------------|
| #1666 | Section 03 | [units: 3] | | | |
| 05/31-08/20 | Arranged | Arranged | | Cheng Thao | |
| S/NC Grading Basis Only | | | | | |
| #1673 | Section 04 | [units: 1-12] | | | |
| 05/31-08/20 | Arranged | Arranged | | Hien M Nguyen | |
| S/NC Grading Basis Only | | | | | |
| #1701 | Section 05 | [units: 1-12] | | | |
| 05/31-08/20 | Arranged | Arranged | | Zachary J Oster | |
| S/NC Grading Basis Only | | | | | |
| #1707 | Section 06 | [units: 1-12] | | | |
| 06/20-08/20 | Arranged | Arranged | | Zachary J Oster | |
| S/NC Grading Basis Only | | | | | |
| #1719 | Section 07 | [units: 1-12] | | | |
| 08/01-08/20 | Arranged | Arranged | | Zachary J Oster | |
| S/NC Grading Basis Only | | | | | |