

**THE UNIVERSITY OF TEXAS AT EL PASO  
COLLEGE OF SCIENCE  
DEPARTMENT OF MATHEMATICAL SCIENCES**

<b>Course #:</b>	5370 CRN <a href="#">18815</a>
<b>Course Title:</b>	Transitioning to C++ for Scientific computations
<b>Credit Hrs:</b>	3
<b>Term:</b>	Fall 2015
<b>Course Meetings &amp; Location:</b>	Health Science/School of NURS Room number 212  <b>Tu-Th 17:30-18:50</b>
<b>Prerequisite Courses:</b>	<a href="#">Prior experience in any of the following programming languages Matlab, R, Java, Maple.</a>
<b>Instructor:</b>	Dr. Natasha Sharma
<b>Office Location:</b>	Bell Hall 318
<b>Contact Info:</b>	Phone # 915-747-6858 E-mail address: <a href="mailto:nssharma@utep.edu">nssharma@utep.edu</a>
	Emergency Contact: 915-747-5761 (math dept office)
<b>Office Hours</b>	4-5 Thursday or by appointment
<b>Textbook:</b>	Walter J. Savitch, "Absolute C++," Ninth Edition. Addison-Wesley.
<b>Course Website:</b>	<a href="http://www.math.utep.edu/Faculty/nsharma/public_html/fall2015_5370.html">http://www.math.utep.edu/Faculty/nsharma/public_html/fall2015_5370.html</a>
<b>Course Objectives (Learning Outcomes):</b>	To introduce students to structured procedural C++ programming. This course aims at developing object-oriented programming skills enabling them to successfully run numerical experiments for mathematical models.
<b>Assignments:</b>	Expect weekly homeworks and a final project. In-class group activities will be used to encourage active learning. Often students whose thesis is in progress can make a part of their research as the final project. Study groups to discuss the problems and brainstorm approaches to problem solving are encouraged, however, all graded assignments and computer programs turned in for grading are to be your own work and reflect your individual effort. You are not allowed to share code with other students. All students should bring a laptop computer to class.

<p><b>Grading Policy:</b></p>	<p>You will be graded on attendance, class participation and assignments. If you miss a class due to emergency, you have to provide a written document.</p> <p>Assignments(80%), attendance and class participation (20%).</p>
<p><b>Make-up Policy:</b></p>	<p>Late homework is not accepted. Since homework will mostly be codes turned in, you need to make sure your code compiles and runs. If not, you will receive no credit for the program.</p>
<p><b>Attendance Policy</b></p>	<p><b>Attendance is required and noted at the beginning of class; more than a total of TWO unexcused absences will result in an instructor-initiated drop or final grade reduction. Your academic advisor will be consulted before final action is decided and taken.</b></p>
<p><b>Academic Integrity Policy</b></p>	<p>Violations of academic integrity, including unauthorized submission of work performed by others, will be pursued vigorously to result in the most severe sanctions. Please refer to UTEP's policy cited in <a href="http://sa.utep.edu/osccr/academic-integrity">sa.utep.edu/osccr/academic-integrity</a></p>
<p><b>Civility Statement:</b></p>	<p>No text messaging in class. Please silence cell phones before coming to class. Students are expected to actively participate in class discussions and group activities.</p>
<p><b>Disability Statement</b></p>	<p>If a student has or suspects she/he has a disability and needs an accommodation he/she should contact the Center for Accommodations and Support services. <a href="http://sa.utep.edu/cass/">sa.utep.edu/cass/</a>( located in Union East Room 106. The student is responsible for presenting to the instructor any CASS accommodation.</p>
<p><b>Military Statement</b></p>	<p>If you are a military student with the potential of being called to military service and /or training during the course of the semester, you are encouraged to contact your instructor as soon as possible.</p>

