

## College of Science and Technology

## Department of Computer Science

## CS 599 Syllabus

<b>Course Name</b>	<b>Graduate Seminar in Computer Science</b>
<b>Course Number</b>	CS 599
<b>Credit hours</b>	1 credit hour
<b>Course Pre-requisites</b>	Enrollment in the Graduate Program in Computer Science
<b>Lecture Location</b>	Room 106, Nabrit Science Center
<b>Course Schedule</b>	Tuesday: 3:00 pm -3:50 pm
<b>Coordinator and Instructor</b>	Lila Ghemri, Nabrit Science Center 112, Email: <a href="mailto:Ghemri_lx@tsu.edu">Ghemri_lx@tsu.edu</a> , Website: <a href="http://cs.tsu.edu/ghemri">http://cs.tsu.edu/ghemri</a>
<b>Office Hours</b>	Tuesday : 11:30 am – 2:30 pm Thursday: 11:30am – 2:30 pm Wednesday: By appointment
<b>Course Catalog Description</b>	Provide the students with an introduction to the latest research topics in computer science. A series of research seminars in which students are exposed to various research topics in computer science. Students are required to attend these seminars and provide a written review to each topic presented.
<b>Course Objectives and Learning Objectives</b>	In this course, students will be exposed to research carried out by research practitioners and foster exchange of ideas between students and researchers. At the end of this course; students will be able to: <ol style="list-style-type: none"> <li>1. Practice and improve technical communication skills.</li> <li>2. Discuss research topics at a scholarly level.</li> <li>3. Critique research approaches and ideas.</li> </ol>
<b>Contribution to CS program Objectives</b>	This course contributes to the following ABET goals: <ol style="list-style-type: none"> <li>1. In depth knowledge and skills needed in designing, implementing and managing Computer Science projects (CS2)</li> <li>2. To produce graduates with the ability to analyze, investigate, understand, evaluate, appreciate and determine information and solutions to problems.(CS9)</li> </ol>
<b>Components Covered</b>	The Graduate Seminar in Computer Science series is comprised of several components: <ol style="list-style-type: none"> <li>1. Invited external speakers: leading researchers from academic institutions present 40 minutes research seminars followed by 10 minutes question/answer session.</li> <li>2. Invited local speakers: members of the CS department and TSU research community at large, present 40 minutes research seminars followed by 10 minutes question/answer session.</li> <li>3. Graduate student seminars: Students present 15 minutes research talk followed by 5 minutes question/answer session. Every student enrolled must make at least one such presentation during the semester.</li> <li>4. Responsible Conduct of Research/Ethics sessions: At least one session will be held during the semester. These sessions are facilitated by a faculty of the CS department.</li> </ol>
<b>Course Website</b>	<a href="http://cs.tsu.edu/ghemri">http://cs.tsu.edu/ghemri</a> will be used to post the syllabus, announcements. Each student will be responsible for regularly checking the website for updates.

<p><b>Seminar Assignments and Required Work</b></p>	<p>Students are required to attend at least 90% of the time in order to get a passing grade and receive 10% of the total grade.</p> <table border="1" data-bbox="337 289 993 420"> <tr> <td>10%</td> <td>Attendance</td> </tr> <tr> <td>70%</td> <td>Research Summary Reports</td> </tr> <tr> <td>20%</td> <td>Student Presentation(s)</td> </tr> </table> <p>For each seminar attended, students should write a report consisting of the following clearly labeled sections:</p> <ol style="list-style-type: none"> <li>1. <b>Summary:</b> <ul style="list-style-type: none"> <li>• Problem Statement: identify the problem addressed in the presentation and why the problem is important. State using your own words.</li> <li>• Proposed solution: Describe the solution proposed by the speaker or the approach/analysis described by the speaker.</li> <li>• Results or finding: Summarize the major results/conclusions of the presentations</li> </ul> </li> <li>2. <b>Critique:</b> Compose a critique of the presentation: Describe your opinion (positive or negative) about the research, offer an analysis of its strength and weaknesses. Identify areas of improvements and open issues that have not been addressed by the presenter.</li> <li>3. <b>Follow-on Work:</b> Describe some ideas for extending and improving upon the presentation and how you would go about it.</li> <li>4. All reports are due the next Tuesday following the seminar before class starts.</li> <li>5. All reports will be checked for completeness, style and proper spelling and grammar.</li> <li>6. 80% of report grades (best grades) will make up the research summary report grade.</li> </ol>	10%	Attendance	70%	Research Summary Reports	20%	Student Presentation(s)									
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<p><b>Expected Work</b></p>	<ul style="list-style-type: none"> <li>• You are responsible for attending the seminar</li> <li>• You are responsible for returning your reports</li> <li>• You are responsible for preparing your presentation.</li> </ul>															
<p><b>Grading Scale</b></p>	<table border="1" data-bbox="277 1146 1330 1247"> <tr> <td>98%-100%: A+</td> <td>88%-89%: B+</td> <td>78%-79%: C+</td> <td>68%-69%: D+</td> <td>0%-59%: F</td> </tr> <tr> <td>93%-97%: A</td> <td>83%-87%: B</td> <td>73%-77%: C</td> <td>63%-67%: D</td> <td></td> </tr> <tr> <td>90%-92%: A-</td> <td>80%-82%: B-</td> <td>70%-72%: C-</td> <td>60%-62%: D-</td> <td></td> </tr> </table>	98%-100%: A+	88%-89%: B+	78%-79%: C+	68%-69%: D+	0%-59%: F	93%-97%: A	83%-87%: B	73%-77%: C	63%-67%: D		90%-92%: A-	80%-82%: B-	70%-72%: C-	60%-62%: D-	
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<p><b>Attendance Policy</b></p>	<p>Student attendance is checked and reported to the Student Academic Affairs.</p>															
<p><b>Academic Integrity and Rules of behavior</b></p>	<ol style="list-style-type: none"> <li>1. The instructor strictly adheres to all University policies regarding academic integrity as stated in the TSU Student Handbook. Students are responsible for internalizing all information regarding TSU's academic integrity policies. Full text and explanation of these policies can be found in the TSU Student Handbook.</li> <li>2. Unless specifically expressed by the instructor, collaboration between students in this course, between students in previous courses, external assistance in any form or presenting resources/research without proper citation which has been developed by another individual or organization is strictly prohibited. All work must be the result of your own efforts.</li> <li>3. Mobile phones and other wireless devices: A student whose mobile rings during class will be asked to leave the classroom and will not be allowed to return. More details at: <a href="http://www.tsu.edu/PDFFiles/student/services/Student_Code_Conduct.pdf">http://www.tsu.edu/PDFFiles/student/services/Student_Code_Conduct.pdf</a></li> </ol>															
<p><b>ADA Policy</b></p>	<p>Through the Office of Disability Services, Texas Southern University provides individualized reasonable accommodations for students with disabilities as defined by the Americans with Disabilities Act of 1990, the Americans with Disabilities Act Amendments Act of 2008, and Section 504 of the Rehabilitation Act of 1973. These federal acts mandate equal opportunities for qualified persons with disabilities in all public facilities, programs, activities, services, and benefits derived from them. In order to receive accommodations a student must have a documented mental or physical disability that substantially limits a major life activity. Some</p>															

<p>examples of major life activities that would impact learning are: seeing, hearing, concentrating, communicating, reading, and writing. Reasonable accommodations are recommended based on the application review process and supporting documentation; however approved accommodations shall not modify course objectives For more information about the accommodation process, please contact the Office of Disability Services at 713-313-4210 or 713-313-7691. This office is located in the Student Health Center, Room 140 and business hours are Monday through Friday from 8:00 am to 5:00 pm.</p>
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1. Using English for Academic Purposes: A Guide for Students in Higher Education  
<http://www.uefap.com/writing/>
2. The Purdue OWL: Conducting Research <http://owl.english.purdue.edu/owl/section/2/8/>