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Electrical Engineering and Computer Science
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310WH, TR 5:35—6:50PM;

Success in this three (3) credit-hour course is based on the expectation that students will spend, for each unit of credit, a minimum of 45 hours over the length of the course (normally 3 hours per unit per week with 1 of the hours used for lecture) for instruction and preparation/studying or course related activities for a total of 135 hours.

After passing this course, students will be able to:

- 1) **Understand** the concepts of parallel computer architectures, parallel computing, and performance analysis.
- 2) **Develop** parallel applications to efficiently analyze challenging problems with enormous datasets.

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readings, assignments, and reminders, are located here so... Date ranges for... All of the topics...

that you can optimize your time and academic work. Please get me on... each week of the...

and Motivation: Architecture; Memory Hierarchy	Week 1 1/22, 1/24 Lectures-1, 2	—	Introduction Single-Cor
and Motivation: Computers: Matrix Multiply and Data Parallelism	Week 2 (1/29, 31) Lectures 3, 4	—	Introduction Parallel Cr
and Locality	Week-4	—	Performance Analysis; Parallelism

NOTE:
 The topics may not
 be covered in the order
 they are listed here.
 It'll depend on how

If you have a physical, psychiatric/emotional, or learning disability that may impact on your ability to carry out assigned course work, I encourage you to contact the Office of Disability Services (DS).

The WSU Counseling and Testing Center provides professional counseling services to students, faculty and staff; administers tests and offers test preparation workshops; and presents programs on topics promoting personal and professional growth.

Wichita State is committed to being an inclusive campus that reflects the evolving diversity of society. To further this goal, WSU does not discriminate in its programs and activities on the basis of race, religion, color, national origin, gender, age, sexual orientation, gender identity, gender expression, marital status, political affiliation, status as a veteran, genetic information or disability. The Executive Director of WSU Office of Equal Opportunity has been designated to handle inquiries regarding nondiscrimination policies.

Wichita State University students are subject to Board of Regents and University policies (see http://webs.wichita.edu/inaudit/ch9_10.htm) regarding intellectual property rights. Any questions regarding these rights and any disputes that arise under these policies will be resolved by the President of the University, or the President's designee, and such decision will constitute the final decision.

Get the emergency information you need instantly and effortlessly! With the Shocker Alert System, we will contact you by email the moment there is an emergency or weather alert that affects the campus. Sign up at www.wichita.edu/alert.

Title IX of the Educational Amendments of 1972 prohibits discrimination based on sex in any educational institution that receives federal funding. Wichita State University does not tolerate sex discrimination of any kind including: sexual misconduct; sexual harassment; relationship/sexual violence and stalking. These incidents may limit an individual's ability to benefit from the University's educational activities. Students are asked to immediately report incidents to the University Police Department or the Title IX Coordinator. For more information about Title IX, go to: <http://www.wichita.edu/thisis/home/?u=titleixf>

Video and audio recording of lectures and review sessions without the consent of the instructor is prohibited. Unless explicit permission is obtained from the instructor, recordings of lectures may not be modified and must not be transferred or transmitted to any other person, whether or not that individual is enrolled in the course.

WSU's Student Health clinic is located in Ahlberg Hall. The telephone number is (316) 978-3620. For more information see www.wichita.edu/studenthealth.

The Kansas Legislature has legalized concealed carry on public university campuses. Guns must be out of view, concealed either on the body of the carrier, or backpack, purse or bag that remains under the immediate control of the carrier. Gun owners must familiarize themselves with WSU's Concealed Carry Policy at http://webs.wichita.edu/?u=wsunews&p=/weapons_policy_documents and the Kansas Board of Regent's policy at http://www.kansasregents.org/about/policies-by-laws-missions/board_policy_manual_2/chapter_ii_governance_state_universities_2/chapter_ii_full_text#weapons. If you believe that there has been a violation of this policy, please contact the University Police Department at 316 978-3450.

