COMP SCI 3800
Intro to Operating Systems

Spring 2019 Syllabus
- Section A (70382 – Wilkerson): MWF 2:00p-2:50p, CS 207
- Section B (71956 – Gosnell): MWF 3:00p-3:50p, CS 207

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Office Hours: Open Door Policy (Try Tu/Th 10a-12p), and also by appointment

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Office Hours: TBD

Course Outcomes
This course teaches the concepts, structure, and mechanisms of Operating Systems. Topics include process management, concurrency, synchronization, deadlock, multithreading, memory management, scheduling, and internetworking. Special emphasis is given to Unix and its modern-day derivatives.

Intended Course Audience/Prerequisites
The intended audience for this course is Computer Science students who have completed all of Comp Sci 1575 (Data Structures), Comp Sci 1200 (Discrete Math), and Comp Eng 3150, with a C or better.

Course Materials
Optional Text (older editions may also be helpful & cheaper): Operating Systems Internals and Design Principles 9th ed., ISBN-13: 978-0-13-467095-9 [Companion website] [Author's website]

Canvas: The Canvas "Learning Management System" (LMS) will be used to provide information including administration of homework and grades. This can be accessed through http://canvas.mst.edu and additional help can be sought from the IT Helpdesk (http://it.mst.edu/help-desk/) or Ed Tech (https://edtech.mst.edu).

Grading

20%	Exam I	Grades will be based on the
20%	Exam II	following scale:
45%	Assignments and Programming Projects	90-100 A
15%	Final Project & Presentation	80-89 B
		70-79 C
		60-69 D

Course Requirements/Policies

Attendance is expected unless prior arrangements have been made. Learning of the material **is required** and attendance at, and participation in, class show your commitment to learning. If your attendance and grades appear significantly lacking, you will be administratively dropped. Conversely, if you make a strong effort toward attending and participating in class, that may be considered in assignment of final grades.

If an examination is missed for illness or unavoidable absence, a makeup examination may be given. For planned absences, work must be turned in before the absence, rather than after.

Campus Policies

Accessibility and Accommodations: It is the university's goal that learning

experiences be as accessible as possible. If you anticipate or experience physical or academic barriers based on disability, please contact Disability Support Services at (573) 341-6655, dss@mst.edu, or visit http://dss.mst.edu/ for information, or go to mineraccess.mst.edu to initiate the accommodation process.

> *Please be aware that any accessible tables and chairs in this room should remain available for students who find that standard classroom seating is not usable.*

Academic Dishonesty: http://registrar.mst.edu/academicregs/index.html Page 30 of the

Student Academic Regulations handbook describes the student standard of conduct relative to the System's Collected Rules and Regulations section 200.010, and offers descriptions of academic dishonesty including cheating, plagiarism or sabotage. In particular, you must work alone on all tests, exams, and individual programming assignments. Other informational resources for students regarding ethics and integrity can be found online at http://academicsupport.mst.edu/academicintegrity/studentresources-ai. Additional guidance for faculty, including the University's Academic Dishonesty Procedures, is also available on-line at http://academicsupport.mst.edu.

Academic Assistance: The university provides multiple avenues for additional academic

assistance including LEAD and the Student Success Center.

LEAD – The Learning Enhancement Across Disciplines (LEAD) Program sponsors free learning assistance in a wide range of courses for students who wish to increase their understanding, improve their skills, and validate their mastery of concepts and content in order to achieve their full potential. LEAD assistance starts no later than the third week of classes. Check out the online schedule at http://lead.mst.edu/assist, using zoom buttons to enlarge the view. Look to see what courses you are taking have collaborative LEAD learning centers (bottom half of schedule) and/or Individualized LEAD tutoring (top half of the schedule). For more information, contact the LEAD office at 341-7276 or email lead@mst.edu.

Student Success Center – The Burns & McDonnell Student Success Center is a centralized location designed for students to visit and feel comfortable about utilizing the campus resources available. The Student Success Center was developed as a campus wide initiative to foster a sense of responsibility and self-directedness to all S&T students by providing peer mentors, caring staff, and approachable faculty and administrators who are student centered and supportive of student success. Visit the B&MSSC at 198 Toomey Hall; 573-341-7596; success@mst.edu; Facebook: www.facebook.com/SandTssc; web: http://studentsuccess.mst.edu/

Egress Maps: Students should understand where the classroom emergency exits are located and how to vacate the building. You may familiarize yourself with this information using the classroom egress maps posted on-line at http://designconstruction.mst.edu/floorplan/.

Title IX: Missouri University of Science and Technology is committed to the safety and well-being of all members of its community. US Federal Law Title IX states that no member of the university community shall, on the basis of sex, be excluded from participation in, or be denied benefits of, or be subjected to discrimination under any education program or activity. Furthermore, in accordance with Title IX guidelines from the US Office of Civil Rights, Missouri S&T requires that all faculty and staff members report, to the Missouri S&T Title IX Coordinator, any notice of sexual harassment, abuse, and/or violence (including personal relational abuse, relational/domestic violence, and stalking) disclosed through communication including but not limited to direct conversation, email, social media, classroom papers and homework exercises. To contact the MST Title IX Coordinator or learn more about Title IX resources and reporting options (confidential and non-confidential) available to Missouri S&T students, staff, and faculty, please visit http://titleix.mst.edu.