

# Policies

## Late Penalty

Machine Project (MP) checkpoints and final submissions must be turned in by 11:59 pm on the due date. The following penalty will apply to late submissions:

- A 10% penalty will be applied to the grade of any submission that is turned in during the first day after the due date.
- A 30% penalty will be applied to the grade of any submission that is turned in during the second day after the due date.
- A 60% penalty will be applied to the grade of any submission that is turned in during the third day after the due date.
- Submissions turned in more than three days after the due date will not be accepted without the use of the late pass.

The highest score (applying late penalty) of all submissions will be recorded.

## One-time Penalty-Free Voucher

There is one chance to submit checkpoint of mp\_verif, mp\_pipeline, mp\_cache late by 3 days without any penalty. Use the one chance wisely as no exception will be made after that regardless of the reasons.

You can access the form [here](#). Make sure to submit the late form within 3 days of the original due date. You must fill out the form using your university email.

## Grade Breakdown

- Attendance / Quiz (10%):
- Machine Problems (45%):
  - mp\_setup: 0%
  - mp\_verif: 3%
  - mp\_pipeline: 10%
  - mp\_cache: 8%
  - mp\_ooo: 24%
- Exams (45%):
  - Midterm exam 1: 10%
  - Midterm exam 2: 10%
  - Final: 25%

## Religious Observances

Illinois law requires the University to reasonably accommodate its students' religious beliefs, observances, and practices in regard to admissions, class attendance, and the scheduling of examinations and work requirements. You should examine this syllabus at the beginning of the semester for potential conflicts between course deadlines and any of your religious observances. If a conflict exists, you should notify your instructor of the conflict and follow the procedure at [here](#) to request appropriate accommodations. This should be done in the first two weeks of classes.

# Academic Integrity

The University of Illinois at Urbana-Champaign Student Code should also be considered as a part of this syllabus. Students should pay particular attention to Article 1, Part 4: Academic Integrity. [Read the Code here](#). Academic dishonesty may result in a failing grade. Every student is expected to review and abide by [the Academic Integrity Policy](#). Ignorance is not an excuse for any academic dishonesty. It is your responsibility to read this policy to avoid any misunderstanding. Do not hesitate to ask the instructor(s) if you are ever in doubt about what constitutes plagiarism, cheating, or any other breach of academic integrity.

	A	B	C	D	E	F
1		Monday	Tuesday	Wednesday	Thursday	Friday
2	Week 1	08/26/2024	08/27/2024	08/28/2024	08/29/2024	08/30/2024
3			01_Course Introduction mp_verif released	mp_verif Lab 1	02_Instruction Set Architecture+Metric	
4	Week 2	09/02/2024	09/03/2024	09/04/2024	09/05/2024	09/06/2024
5		Labor Day	03_Basic Processor Architecture	mp_verif Lab 2	04_Pipelining (Part 1: Overview)	
6	Week 3	09/09/2024	09/10/2024	09/11/2024	09/12/2024	09/13/2024
7			05_Pipelining (Part 2: Control Hazard) mp_verif due	mp_pipeline Lab 1 mp_pipeline release	06_Pipelining (Part 3: Optimization)	
8	Week 4	09/16/2024	09/17/2024	09/18/2024	09/19/2024	09/20/2024
9			07_Memory Hierarchy (Part 1: Overview)	mp_pipeline Lab 2	08_Memory Hierarchy (Part 2: Management Policy)	
10	Week 5	09/23/2024	09/24/2024	09/25/2024	09/26/2024	09/27/2024
11			Midterm-1 Review	mp_pipeline Lab 3	Midterm-1	
12	Week 6	09/30/2024	10/01/2024	10/02/2024	10/03/2024	10/04/2024
13			09_Memory Hierarchy (Part 3: Optimization) mp_pipeline due	mp_cache Lab 1 mp_cache_release	10_Memory Hierarchy (Part 4: Virtual Memory)	
14	Week 7	10/07/2024	10/08/2024	10/09/2024	10/10/2024	10/11/2024
15			11_Dynamic Scheduling (Part 1: ILP & RS)	mp_cache Lab 2	12_Dynamic Scheduling (Part 2: Tomasulo+ROB)	
16	Week 8	10/14/2024	10/15/2024	10/16/2024	10/17/2024	10/18/2024
17			Midterm-II Review (including Dynamic Scheduling (Excercise)) mp_cache due	mp_ooo Lab 1 mp_ooo released	Midterm-2	UG Drop Deadline
18	Week 9	10/21/2024	10/22/2024	10/23/2024	10/24/2024	10/25/2024
19			13_Multi-core/Multi-threading	mp_ooo Lab 2	14_Cache Coherence	
20	Week 10	10/28/2024	10/29/2024	10/30/2024	10/31/2024	11/01/2024
21			15_Memory Subsystem (Part 1: DRAM Technology)	mp_ooo Lab 3	16_Memory Subsystem (Part 2: Scheduling+Prefetching) (remote)	
22	Week 11	11/04/2024	11/05/2024	11/06/2024	11/07/2024	11/08/2024
23			17_Energy Efficient Computing (remote)	mp_ooo Lab 4	19_SIMD/GPU/VLIW (guest)	
24	Week 12	11/11/2024	11/12/2024	11/13/2024	11/14/2024	11/15/2024
25			18_Accelerator (xPU/CGRA/FPGA)	mp_ooo Lab 5	20_I/O (Part 1: Overview)	
26	Week 13	11/18/2024	11/19/2024	11/20/2024	11/21/2024	11/22/2024
27			21_I/O (Part 2: Network and Storage)		22_Warehouse Scale Computing	
28	Week 14	11/25/2024	11/26/2024	11/27/2024	11/28/2024	11/29/2024
29		Fall Break				
30	Week 15	12/02/2024	12/03/2024	12/04/2024	12/05/2024	12/06/2024
31			23_Impact of Technology		24_Packaging	
32	Week 16	12/09/2024	12/10/2024	12/11/2024	12/12/2024	12/13/2024
33			Final Exam Review mp_ooo due		Reading Day	
34	Finals	12/16/2024	12/17/2024	12/18/2024	12/19/2024	12/20/2024
35		Finals (Final on assigned final day)				