

CSE428/EEE476

Image Processing

Course Outline, Fall 2023

Course Content

Content

Week 1 - DIP Intro	Week 7 - DL/ML Primer - 2
Week 2 - Point Processing	Week 8 - Classification
Week 3 - Spatial Filtering	Week 9 - Object Detection
Week 4 - DFT & freq. filt.	Week 10 - Segmentation
Week 5 - Restoration	Week 11 - Image Generation
Week 6 - DL/ML Primer - 1	Week 10 - Compression

Assessments

- Assignments
- Project (submission, report, presentation)
- Quiz
- Midterm
- Final

Important Dates

- Midterm: USIS Schedule
- Final: Dec 31, 2023 (2.00 PM – 4.00 PM)
- Project presentation: TBA

Marks Distribution

Assessment	Percentage	Total number of assessments	Comment
Lab Attendance	5%	-	-
Lab Assignment	10%	$\sim 3/4 (=n)$	Best of $n-1$
Lab Project	20%	1	Submission, presentation
Theory Assign.	5%	-	-
Quiz	10%	4	Best of $n-1$
Midterm	20%	1	Closed book
Final	25%	1	Closed book
Attendance	5%	-	80% or higher for full marks

Communication and Update



<https://discord.gg/EjYqbp7>

DOs and DON'Ts



- Ask questions!
- Ask for help!
- Facing problems? Let us know
- Practice & make mistakes – only way to learn
- Work hard, stay honest - your honesty and integrity will be rewarded



- DO NOT COPY/CHEAT
- DO NOT SHARE YOUR WORK
- DO NOT GIVE EXCUSES - “It won’t happen again”, “I didn’t know they would copy”...
- **Punishment** - from 0 on that assessment to F, grade capping, suspension
- **No DM/@mention related to coursework outside office hours**

Questions?