

Flow Vis 2023 Schedule

Flow Vis 2023 Schedule

Version

11/10/2023

| Week | Date | Major assignment due online to both Flowvis.org and Canvas | Critique | | | Reports due to both Flowvis.org and Canvas | Review due | Admin and misc HW due | Reading | Lecture |
|--------|-------------------------------|--|---------------------|---|---|--|---|--|---------|--|
| | | | 1 | 2 | 3 | | | | | |
| | Monday, August 28, 2023 | | Attendance required | | | | | | | 1 Intro, Initial assignments |
| week 1 | Wednesday, August 30, 2023 | | | | | | | Syllabus, initial assignments, | | Initial assignments, Overview A: 2 choices, forces |
| | Friday, September 1, 2023 | | | | | | copyright, syllabus, flowvis.org login, join Slack and iClicker | Guidebook: Intro, Overview 1 and 2 | | Overview B: boundary 3 techniques |
| | Monday, September 4, 2023 | | | | | | Labor Day | | | |
| week 2 | Wednesday, September 6, 2023 | | | | | | | Overview 2 | | 4 Overview C:refractive index, |
| | Friday, September 8, 2023 | Best of Web | | | | | Bring your camera. CATME survey due | Overview 3 Lighting, and 4 Photog A Workflow and B Cameras | | 5 rheoscopic, particles |
| week 3 | Monday, September 11, 2023 | | | | | | Vote on Best of Web | Overview 5 post processing | | 6 Photog: Still editing; Darktable |
| | Wednesday, September 13, 2023 | Get Wet | | | | | Meet your team in class | Class docs: Facilities list, Team expectations | | 7 Teams, Facilities |
| | Friday, September 15, 2023 | | | | | | | Class Docs: Critical Response Process Summary | | 8 Critique |
| week 4 | Monday, September 18, 2023 | | | | | | | | | Critique |
| | Wednesday, September 20, 2023 | | | | | | Team First plan and selfie due | | | Critique |
| week 5 | Friday, September 22, 2023 | | | | | | Bring your camera | Guidebook: Overvw 4 - Photog C lenses focal lengths | | Photog: lighting, framing, 9 cameras |
| | Monday, September 25, 2023 | | | | | Get Wet | Bring your camera | Guidebook: Overvw 4 - Photog C lenses Aperture, DOF | | Photog: focal length, focus, 10 aperture |
| week 6 | Wednesday, September 27, 2023 | Team First | | | | | Bring your camera. | Overvw 4 - Photo D Exposure | | 11 Photog: exposure |
| | Friday, September 29, 2023 | | | | | | | | | Critique |
| week 7 | Monday, October 2, 2023 | | | | | | Get Wet | | | Critique |
| | Wednesday, October 4, 2023 | | | | | | | Ovrvw 4 - Photo E Resolution | | 12 Exposure: shutter speed |
| | Thursday, October 5, 2023 | | | | | | Macro HW due | | | |
| week 8 | Friday, October 6, 2023 | | | | | | Team First | Clouds 1 Names | | 13 Resolution, Cloud names |
| | Monday, October 9, 2023 | | | | | | Team Second plan due | Clouds 2, 3 and 4 Instability and Clouds | | 14 Clouds: Instability, skew-T |
| | Wednesday, October 11, 2023 | | | | | | | Clouds 5 - Orographics | | 15 Clouds: Cumulus types, orographic |
| | Friday, October 13, 2023 | | | | | | Team First | Clouds 6 - Weather Systems | | 16 Clouds: Stratus and weather systems |
| | Monday, October 16, 2023 | | | | | | | Overvw 5 - Post processing | | 17 Shrey on video editing |
| | Wednesday, October 18, 2023 | | | | | | | | | 18 Shrey on video editing pt 2 |

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|---------|------------------------------|--------------|----------------------------|--|---|
| | Friday, October 20, 2023 | CloudsFirst | | | Nicole Sharp FYFD Guest 19 Lecture |
| | Monday, October 23, 2023 | | CloudsFirst | | Critique |
| | Wednesday, October 25, 2023 | | CloudsFirst | | Critique |
| week 9 | | | | | |
| | Friday, October 27, 2023 | | | Overvw 4 - Resolution. Boundary tech Intro and 1 | 20 Resolution 1: Spatial |
| | Monday, October 30, 2023 | | | BT 2 - High Visibility | 21 Resolution 2: Temporal |
| week 10 | Wednesday, November 1, 2023 | TeamSecond | | | 22 Resolution 3: Measurand |
| | Friday, November 3, 2023 | | TeamSecond | | Critique |
| | Monday, November 6, 2023 | | TeamSecond | CloudsFirst | Critique |
| week 11 | | | | Team Third plan due | |
| | Wednesday, November 8, 2023 | | | | 23 Exposure review, Dye Tech |
| | Friday, November 10, 2023 | | | TeamSecond | 24 Dye Tech: high visibility, light-mat light-matter 2, Particles 1- |
| | Monday, November 13, 2023 | | | | 25 trajectories |
| week 12 | | | | | |
| | Wednesday, November 15, 2023 | | | Refractive Index 1 and 2 | 26 Particles: aerosols |
| | Friday, November 17, 2023 | | | BT 3 - Light emitting fluids | 27 Particles: fogs |
| | Monday, November 20, 2023 | | | Team Second | |
| week 13 | Wednesday, November 22, 2023 | | | | Fall Break |
| | Friday, November 24, 2023 | | | | |
| | Monday, November 27, 2023 | TeamThird | | | 28 Particles: H2 bubbles |
| week 14 | Wednesday, November 29, 2023 | | TeamThird | | Critique |
| | Friday, December 1, 2023 | | TeamThird | | Critique |
| | | | | Artist statements due | |
| week 15 | | | | | |
| | Monday, December 4, 2023 | | | | Refractive: Schlieren and |
| | Wednesday, December 6, 2023 | | | TeamThird | 29 shadowgraphy |
| | Friday, December 8, 2023 | CloudsSecond | | Revisions Due | 30 Light emitting fluids |
| | Monday, December 11, 2023 | | CloudsSecond | | Critique |
| week 16 | Wednesday, December 13, 2023 | | CloudsSecond | TeamThird | Critique |
| | Saturday, December 16, 2023 | | Final in Fiske 4:30 - 7 pm | CloudsSecond | Exit Survey |