CAMP – Draft Daily Schedule

January 5–16 (Monday–Friday, 8:30am–4:30pm)

This schedule is a working plan; we may adjust details as projects and interests develop.

Week 1 – Onboarding & Mini-Project

Time	Mon 1/5	Tue 1/6	Wed 1/7	Thu 1/8	Fri 1/9
8:30–9:00	Arrival, introductions, CAMP overview	Warm-up + review	Warm-up + review	Warm-up + review	Warm-up + review
9:00–10:00	Program goals, expectations	Talk: How to write a memo	Talk: Regression basics	Talk: Data exploration & plots	Lightning updates (2–3 min each)
10:00–11:00	MATLAB access & logistics	Work: draft first short memo	Work: regression on example data	Work: plots/EDA on example or project data	Debrief: what makes talks effective
11:00–12:00	MATLAB intro (basics, running code)	Small-group memo discussion	Work: apply regression to your data	Check-in: discuss tricky plots	Plan directions for Week 2 projects
12:00–1:00	Lunch	Lunch	Lunch	Lunch	Lunch
1:00–2:00	MATLAB tutorial (scripts, plots) + start **MATLAB Onramp** (core sections)	**MATLAB Onramp block** (finish core; start chosen path)	MATLAB: loops & vectorization (light) + short Onramp time (as needed)	MATLAB: polishing figures + short Onramp time (as needed)	Work: mini-project (code, figures, memo)
2:00–3:00	**MATLAB Onramp block** (continue core modules at your own pace)	Work: mini-project (apply memo ideas + MATLAB)	Work: mini-project	Work: mini-project	Project meetings (short check-ins)
3:00–4:00	Brainstorm topics & mini-project ideas	Work: mini-project or MATLAB path	Project meetings	Project meetings	Week 1 wrap-up: choose Week 2 project idea
4:00–4:30	Daily reflection	Daily reflection	Daily reflection	Daily reflection	Weekly reflection + short written summary

Week 2 – Main Project & Final Presentations

Time	Mon 1/12	Tue 1/13	Wed 1/14	Thu 1/15	Fri 1/16
8:30–9:00	Warm-up + Week 1 takeaways	Warm-up + check-in	Warm-up + check-in	Warm-up + check-in	Warm-up + presentation logistics
9:00–10:00	Talk: How to give a short research talk	Talk: SVD/PCA (structure in data)	Talk: Intro ML or basic ODE modeling	Talk: Debugging & research habits	Final presentations – Block 1
10:00–11:00	Form main project groups & finalize questions/data	Work: apply SVD/PCA where useful	Work: apply ML/ODE ideas where useful	Work: project coding/analysis	Final presentations – Block 2
11:00–12:00	Work: explore data, plan analysis	Project meetings (rotations)	Project meetings (rotations)	Project meetings (short check-ins)	Group debrief: themes across projects
12:00–1:00	Lunch	Lunch	Lunch	Lunch	Group lunch / informal wrap-up (if possible)
1:00–2:00	Project meetings	Long work block: projects	Long work block: projects	Long work block: projects	Wrap-up: individual reflection & “next steps” planning
2:00–3:00	Work: coding, analysis, memo drafting	Work block: projects	Check-in: mid-week progress + blocking issues	**Early final presentations** (3–4 students)	Buffer: spillover talks & individual check-ins
3:00–4:00	Work block: projects	Short group status updates	Work block: projects	Work: polish code, figures, talks	Final written reflection & program close
4:00–4:30	Daily reflection	Daily reflection	Daily reflection	Daily reflection + finalize to-do for Friday	Goodbye & any remaining logistics