STREAM RESTORATION CI — Spring 2026 Curriculum + Running Record

Meeting day: Thursdays
Purpose of this sheet: document what we *did*, define what we *will do*, and leave space for the team to fill in specifics as plans evolve.

UNIT 1 — Orientation + Shared Language

Thu Jan 22 — Kickoff (Complete)

Focus: CI purpose, expectations, what "stream restoration" means in practice
Outcomes (met):

- Team orientation + roles introduced
- Shared vocabulary baseline established
- Initial target reach / scope framed

Notes / additions: _____

Thu Jan 29 — Chapter 1 Guided Discussion (Complete)

Focus: restoration definitions + restoration workflow (goals → assessment → actions → monitoring)
Outcomes (met):

- Agreed on what "restoration" means for this CI (working definition)
- Identified typical project failure points (what we will avoid)
- Identified what kinds of evidence we need before proposing actions

Notes / additions: _____

UNIT 2 — Mission Planning + First Field Evidence

Thu Feb 5 — Mission Planning + Desktop Recon (Complete)

Focus: prepare for Reach 1 visit using maps + geomorphic context
Outcomes (met):

- Desktop measurements completed (elevation/slope context, sinuosity, valley context)
- Field plan established (what to measure, how to document, roles)
- Map packet / recon compiled

Where is the recon packet stored? _____

Fri Feb 6 — Reach 1 Field Visit (Complete)

Focus: Reach 1 walk + cross-section at channel breakout point
Outcomes (met):

- Cross-section collected at breakout location
- Field photos / observations collected
- Initial problem framing: “why is the stream leaving the designed channel?”

Cross-section location / station notes: _____

Thu Feb 12 — Cross-Section Analysis + RiverMorph Review (Complete)

Focus: analyze cross-section using Rosgen-style plotting in Excel; review RiverMorph outputs
Outcomes (met):

- Cross-section plotted + interpreted
- RiverMorph metrics reviewed (Ryan Jones outputs)
- Identified what additional data is needed to support diagnosis

Open questions we still need to answer:

1. _____
2. _____

UNIT 3 — Comparative Reach Study + Bank/Stream Health Methods

Thu Feb 19 — Field Visit: Hunnicutt under Lightsey Bridge (Planned)

Purpose: see the stream in a more “natural” state (still pressured, but not confined to the designed channel context) and compare condition/process to Reach 1 breakout site.

Primary activity: Stream Health / **BEHI (Bank Erosion Hazard Index)** assessment
Lead: Ryan (field method lead)

Outcomes (target):

- Complete BEHI scoring at selected banks (minimum: _2_ banks)
- Photo points + bank notes recorded consistently
- Compare Lightsey reach vs Reach 1 breakout reach:
    - bank stability signals
    - confinement / access to floodplain cues
    - vegetation + root reinforcement
    - shear stress indicators (undercut, slumps, raw banks, toe erosion)

Field packet items to bring:

- printed/aerial map of Lightsey area (access + stations)
- tape measure / rod / clinometer (if available)
- phone photos with naming convention (station + direction)
- Take Videos for EEES

Stations / segments to evaluate (fill in):

- Station A: _____
- Station B: _____
- Station C: _____

If a schedule overlap happens, backup date: Thu **Feb 26** (same plan)

UNIT 4 — Data System + Planning Deliverables

Wed Feb 25 — Dr. Hagan invasive removal day (Tentative optional add-on)

If participating: treat as stewardship + corridor observation day
Outcomes (target):

- Invasive removal participation documented (photos + short notes)
- Quick corridor observations captured (invasive hotspots + bank notes)

Decision / attendance: _____

Thu Feb 26 — Data consolidation + Riparian corridor plan review (Planned)

(If Lightsey happens on Feb 19, this stays a desk/work session.)

Focus: bring all Hunnicutt data into one system + make the riparian corridor plan usable
Outcomes (target):

- One shared folder structure (maps/photos/field sheets/cross-sections/RiverMorph/docs)
- One master index document (what exists, where it lives, owner, date)
- Riparian corridor plan: “what we can extract + what we can add” list
- Assignments made to chase missing data (Cut Creek + campus docs + plans)

Folder link / location: _____

UNIT 5 — Guest Expertise + Recruiting Deliverable

Thu Mar 5 — Career Fair (No meeting)

Thu Mar 12 — Guest Speaker: Dr. Jones

Focus: interpretation + professional guidance on reach diagnosis and realistic actions
Outcomes (target):

- List of “most likely mechanisms” for breakout behavior
- List of “low-risk, high-value” actions appropriate for a student CI
- Data priorities: what to measure next to reduce uncertainty
- A short “do not do this” list for student-led work

Questions to ask Dr. Jones (fill in during/before presentation):

1. _____
2. _____
3. _____

FoCI Poster Forum (CI Fair) — Recruiting & Showcase

Tue–Thu Apr 8–10 — FoCI Poster Forum (Confirmed)

Outcome: present work + recruit future CI members

Thu Mar 26 — Poster Build Day (Two weeks before FoCI)

Outcomes (target):

- Poster outline locked (sections + storyline)
- Figures drafted (map, photos, cross-section plot, RiverMorph metrics, BEHI summary if available)
- Assign writing/graphics owners + deadline schedule

Thu Apr 2 — Andrew out (Hydrogeology Symposium)

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Open space for future Thursday plans

Thu Mar 19 — _____

Outcomes:

Thu Apr 9 — _____

Outcomes:

Thu Apr 16 — _____

Outcomes:

Thu Apr 23 — _____

Outcomes:

- _____
- _____

Thu Apr 30 — _____

Outcomes: