

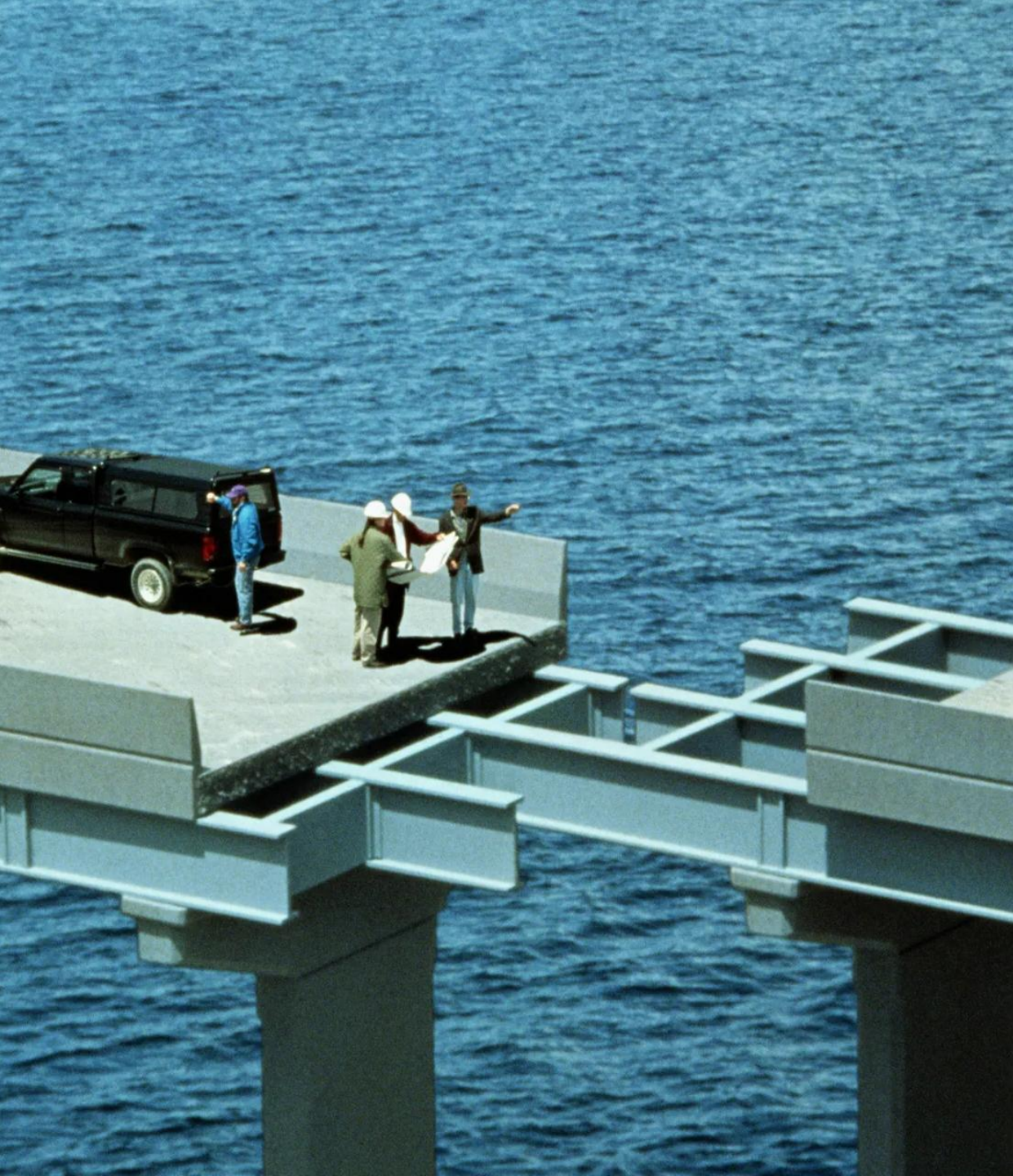
Collaborative Online International Learning (COIL): A Practical Framework

Integrating International Collaboration into Existing Curricula

What is a COIL module

- ✓ **Duration:**
4 to 6 weeks embedded in an existing course.
- ✓ **Prerequisites:**
Institutional approval, identified partner, and shared digital resources (platform, video, co-writing space).
- ✓ **Partner Selection:**
Prioritize thematic alignment AND time-zone overlap (e.g., West Africa, Maghreb, Europe for Marseille).
- ✓ **Strategy:**
For distant partners (North America, Asia), focus on asynchronous activities with limited synchronous sessions.





Pedagogical Foundations

- Key Points:
 - ✓ Core Requirement:
A mandatory collaborative task resulting in a single joint deliverable (poster, report, video).
 - ✓ Avoid:
Simple juxtaposition of national works.
 - ✓ Language Policy:
English for shared outputs; local languages allowed for internal reflection.
 - ✓ Critical Element:
Treat language asymmetries and digital resource gaps as objects of reflection, not just technical constraints.

Implementation Timeline (Weeks 0-2)

- ✓ **Phase 0 (Preparation):**
Agree on theme, calendar, tools, group composition (4-6 mixed students), and evaluation criteria.
- ✓ **Phase 1 (Introduction & Trust):**
Icebreakers focusing on local contexts and infrastructure. Test tools to reveal connectivity gaps early.
- ✓ **Phase 2 (Problem Definition):**
Co-define the engineering problem, identify local constraints, and produce a short joint note (problem, hypotheses, tasks).



Implementation Timeline

(Weeks 3-6)



- ✓ **Phase 3 (Co-Creation):**
Develop solutions while documenting how local norms, data, and software influence technical choices.
- ✓ **Phase 4 (Restitution & Reflection):**
Final joint deliverable + Individual critical essay.
- ✓ **Essay Focus:**
Analyze power relations, resource inequalities, and cooperation dynamics experienced during the project.

Evaluation & Best Practices

- ✓ **Grading:**
Combine collective technical quality (50%) and individual critical reflection (50%).
- ✓ **Weight:**
Typically 20-30% of the host course grade for initial pilots.
- ✓ **Teacher Role:**
Active mediation is required. Do not let students manage conflicts alone.
- ✓ **Equity Measures:**
Rotate meeting times, recognize translation work, analyze speaking time distribution.



Conclusion & Next Steps

COIL integrates internationalization into standard curricula efficiently.

Success depends on treating asymmetries as pedagogical assets.

Identify potential partners in the Mediterranean region with compatible time zones.

Resources availables online

The Miniature Guide for COIL Educators in Engineering



Thanks for your attention



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