



Out of Class (Students)



In Class (Students)



In Class (Instructor)

Begin Here.

In the first 2 weeks of the semester, students form groups of 3-4 and research so that they are proficient in 1 of the 7 topics of the Fluvial Processes course and 5 core concepts within their topic area (defined by the instructor). The 7 topics include: River channels, aquatic habitats, human impacts, river mechanics, erosion, sediment transport, and bedforms. Students can use reading materials provided by the instructor.

01

Students construct a 45 min presentation of their choice (for example: a video, an oral presentation, or a field trip) to deliver an overview of their topic and teach 5 core concepts within their topic area. The students can use the instructor office hours to discuss what and how will they will teach the class. The students develop a 5 question quiz.

02

Each group submits their presentation materials (for example: a PowerPoint) and their quiz to the course website by 5 PM the day prior to their presentation.

A group presents their topic (1 per class). (In following class their quiz will be taken by the class).

03

After the presentation, the instructor will clarify any misconceptions presented during the presentation and from the presentation material submitted 24 hours before the class. The instructor may have prepared PowerPoint slides before the class based on the material submitted. A final mark is then given to the group who presented based on: creativity, proficiency, engagement (presentation skills).

04

After the instructor's lesson, the class takes the quiz from the group who presented in the previous class.

	Individual Work
	Work in Groups
	Research
	Upload
	Present
Bloom's Taxonomy	
★ ★ ★ ★ ★ ★ ★	Remember
★ ★ ★ ★ ★ ★ ★	Understand
★ ★ ★ ★ ★ ★ ★	Apply
★ ★ ★ ★ ★ ★ ★	Analyze
★ ★ ★ ★ ★ ★ ★	Evaluate
★ ★ ★ ★ ★ ★ ★	Create

