Hybrid/COIL Study Abroad MCC-TC

Jonathan Little, Monroe Community College, jlittle@monroecc.edu
José Luis Payares Varela, Tecnológico Comfenalco, jose.pallares@gmail.com

COURSE DESCRIPTION

The core hybrid/COIL study abroad objectives involve an innovative hybrid study abroad in geospatial technology/Spanish language that integrates virtual learning (e.g., Collaborative Online International Learning, or COIL), mobility of students from both institutions, integration into college courses, and in person student presentations. Introductory geospatial skills will be covered, including geography, as well as hands on use of Geographical Information Systems (GIS), GPS, and remote sensing. The end of the six-week module will be highlighted by a presentation that utilizes geospatial technology to look at environmental and humanitarian issues.

CALENDAR

Week	Topic	Tool	Instructions
Week 1	Introduction - Getting to know each other	Google Docs + Zoom + WhatsApp	Day 1: Students will learn about the hybrid/COIL objectives, app variables, and policies. Day 2: Students ask about their favorite hobby, music, other ideas? Students make short video about general topics before video conference! What is project goal? Mapping app variables? Day 3: Video Conference with icebreakers Homework: Reading on Geodatabase. MCC/TCC students share their thoughts on reading using Google docs.
Week 2	Technical language and developing a geodatabase	ArcGIS Online+ ArcGIS Desktop+ Google Docs + Zoom + WhatsApp	Day 1: Develop a geodatabase Day 2: Develop a geodatabase Day 3: MCC/TCC students meet via Zoom to discuss progress on geodatabase. Support each other. 5-minute meeting. Submit screenshot of Zoom session with 2-sentence summary.
Week 3	Geodatabase, share, & publish online.	ArcGIS +Google Docs + Zoom + WhatsApp	Day 1: Submit geodatabase. Screenshot of completed geodatabase. Day 2: Video conference to discuss stereotype and geodatabase. Day 3. ArcGIS Online account and organization. Begin preparation for publishing
Week 4	Publish app and collect data	ArcGIS +Google Docs + Zoom + WhatsApp	Day 1: Publish app for water quality data collection. Day 2: Practice collecting data at home site. Day 3: Video Conference to share app.
Week 5	Tecnológico Comfenalco students travel to MCC.	ArcGIS +Google Docs + Zoom + WhatsApp	Tecnológico Comfenalco in U.S.A. Day 1: Travel Day 2: Tecnológico Comfenalco (TC) students present Apps. MCC students attend. Day 2: TC students share about their culture. MCC students attend. Day 3: TC students sit in on courses at MCC. MCC students attend. Day 3: TC faculty share their perspective. Day 4: Cultural experience Day 5: Travel
Week 6	MCC students travel to TC	Open street map + WhatsApp	MCC Students in Colombia Day 1: Travel Day 2: MCC students lead mapathon workshop in Spanish. Day 2: MCC students share about their culture at TC. Day 3: MCC students sit in on courses at Tecnológico Comfenalco Day 4: Cultural experience Day 5: Travel