Pre-Day 1	**Prior to Friday, January 9, 2026 - Must be completed PRIOR to first class-**
ON YOUR OWN	*Online link provided by instructor via email a few days before class starts*
30 minutes	Pre-test
Day 1	**Friday, January 9, 2026- Class and Field Trip at Turkey Creek Sanctuary**
8:30am-9:30am	Welcome to FMNP Freshwater Systems; Course Objectives & Overview; Final Project Requirements, Ice breaker Discuss student learning applications: • **5 minute Interpretive Talks** – It can be anything related to uplands systems, use the form given out the first day in class. There will be time/date slots to choose from during the course. • **Final Group Projects** – Begin selecting topics and forming groups asap. These will be presented to the entire group on the last day of class, Friday January 30, 2026
9:30am –12:30pm	Classroom presentation: Freshwater Systems Ecology & Forested Wetlands
12:30pm –1:30pm	Lunch on your own
1:30pm-4:00pm	Field Trip- Turkey Creek Sanctuary- Freshwater Rivers and Streams
4:00- 5:00pm	Review and questions; work on ideas for final projects & 5-minute talks; sign up for time slot
ON YOUR OWN 45 MIN	Video: Lakes, Rivers, and Streams: *Link will be sent via email.* • Write down one or two questions that you have after watching the video • Think about what has changed in the time since the video was created • We will discuss these during the next class
Day 2	**Saturday January 10, 2026- Class and Field Trip at Erna Nixon Park**
8:30am-11:30am	Classroom Presentations: Herbaceous Wetlands & Interpretation of Freshwater Systems
11:30am-12:00pm	Review and Discussion of questions from Lakes, Rivers, and Streams video
12:00pm-1:00pm	Lunch on your own
1:00pm-2:30pm	Classroom presentation: Amphibians
2:30pm- 4:00pm	Field Trip- Erna Nixon Park- Freshwater Marshes
4:00pm- 5:00pm	5- minute interpretive talks- 6 timeslots available for today
ON YOUR OWN 45 MIN	Video: Marshes *Link will be sent via email.* • Write down one or two questions that you have after watching the video • Think about what has changed in the time since the video was created • We will discuss these during the next class
Day 3	**Friday January 16, 2026- Indian River County- AM Field Trips**
NOTES	**8:30am** meet at Egret Marsh. Follow directions NOT GPS. Turn in group projects topic form today!
8:30am-12:00pm	Field Trip Site #1: **Egret Marsh Stormwater Park**, 7295 4th St, Vero Beach, 32968 Egret Marsh removes dissolved nutrients from canal water before the water enters the Indian River Lagoon. Egret Marsh began operation in April 2010, and it cost $7.3 million to construct, including improvements. It removes dissolved nitrogen and phosphorus from eight to ten million gallons of canal water daily. Egret Marsh's treatment system includes a 4.6-acre algae farm that removes much of the water's nitrogen and phosphorus load. Additional nutrient quantities are removed when the water flows through a large downstream polishing pond system and a created wetland before reentering the canal system. Egret Marsh is also a dedicated wildlife sanctuary home to many reptiles, mammals, and bird species. Field Trip Site #1: **Osprey Acres Stormwater Park**, 925 5th St SW, Vero Beach, 32962 Osprey Acres Stormwater Park and Nature Preserve is an 83.7-acre facility that boasts a range of natural Florida ecosystems, including uphill pine, mesic oak hammock, a small scrub area, and now manmade wetlands. Having these various habitats promotes a wealth of biodiversity within the property. Originally slated for more than 400 home parcels, Osprey Acres was bought by Indian River County to not only preserve these fragile ecosystems but to aid in further treatment of stormwater and reverse osmosis reject water before these waters enter the Indian River Lagoon. Water for treatment comes from Osprey Marsh (next door) and untreated canal water. Osprey Marsh removes dissolved nutrients from canal water and the South County Water Treatment Plant's reverse osmosis brine discharge before flowing into the Indian River Lagoon. Osprey Marsh began operation in the spring of 2015. Daily, it removes dissolved nitrogen and phosphorus from ten million gallons of canal water and up to 1.5 million gallons of reverse osmosis brine discharge. Osprey Marsh's treatment train includes a 4.6-acre algae farm that removes much of the water's nitrogen and phosphorus. Additional nutrients are removed in a polishing pond and a created wetland. Guide and Guest Speaker: ***Alexis Peralta,*** Stormwater Educator, Indian River County Stormwater Division/Natural Resources Department

Day 4 Continued	**PM Class at Indian River County Intergenerational Recreation Center (IRCIR)**
12:00pm-1:00pm	Lunch on your own and travel to IRCIRC
1:00pm-4:30pm	Classroom Presentations: Permanent Wetlands & Birds
Day 4	**Saturday January 17, 2026- Field Trips**
8:30am-12:00pm	Field Trip at **Thomas O. Lawton Recreation area** with Guest speaker Jonny Baker, SJRWMD
12:00pm-1:00pm	Lunch on your own, and travel to next field trip location
1:00pm-3:00pm	Field Trip at **Three Forks Marsh Conservation area**
ON YOUR OWN 45 MIN	Video: Swamps: *Link will be sent via email..* • Write down one or two questions that you have after watching the video • Think about what has changed in the time since the video was created • We will discuss these during the next class
Day 5	**Friday January 23, 2026- Field Trip and Class at Enchanted Forest Sanctuary**
8:30am-11:30am	Field Trip-Freshwater Swamps
11:30am-12:30pm	Lunch on your own
12:30pm-3:30pm	Classroom Presentations: Freshwater Fish & Reptiles
3:30pm-4:00pm	Review and discussion of questions from Swamps video
ON YOUR OWN 45 MIN	1. Video: Wetlands in Modern Human Society: *Link will be sent via email.* • Write down one or two questions that you have after watching the video • Think about what has changed in the time since the video was created • We will discuss these during the next class
15 MIN	2. Please complete and submit **Final Group Project form** (*Link will be sent via email after class*). Sent to FMNP staff . • One form is due per group. • Determine who in your group will complete and submit it for the whole group. • After completion, please send Cheryl an email confirming it was sent.
Day 6	**Saturday January 24, 2026- Class at Erna Nixon Park**
8:30am-11:30am	Classroom Presentations: Mammals & Invertebrates
11:30am-12:30pm	Lunch on your own
12:30am-2:00pm	Classroom Presentations: Ethics in Environmental Education & Eco-Heritage Tourism
2:00pm- 3:00pm	Discussion and questions from Wetlands in Modern Human Society video
3:00pm-5:00pm	5-minute interpretive talks- 6 timeslots available
	Announcements: • Final project presentations next Friday, January 30th, all students in the group must be part of the presentation. • Bring cell phones or laptops for post-tests in class before graduation! • Pot-luck lunch after graduation. Bring something to share with everyone.
Day 7	**Friday January 30, 2026-Class at Turkey Creek Sanctuary**
8:30am-12:30pm	Final project presentations to the entire class-20-minute maximum per group
12:30pm-1:00pm	Watch Endowment video and take post-test in class, please do class evaluations asap!
1:00pm-1:15pm	Graduation ceremony!
1:00pm-until	Pot-luck lunch