

	WEEK	DATE (M)	READING	BIRD IDS	LAB LOCATION FOR THURSDAY	ASSIGNMENTS (ADDITIONAL DISCUSSIONS ARE NOT SHOWN)
I. INTRO TO ORNITHOLOGY & BIRDS: WHAT IS A BIRD? FEATHERS: STRUCTURE, FUNCTION, EVOLUTION.						
INTRO TO ORNITHOLOGY AS A FIELD, WHAT IS A BIRD?	1	AUG 22, 2022	GILL CH. 1.1, 4	01 ID	INDOOR, STUTZMAN- SLOANAKER 312, SIGN OUT EQUIPMENT - INDOOR	
FEATHER EVOLUTION, STRUCTURE, MOLT, GROWTH, COLORATION			GILL CH 4			
ASPECTS OF AVIAN ANATOMY AND PHYSIOLOGY	2	AUG 29, 2022	GILL CH. 6 (PP. 164-171); HoBB 4-148 TO 15	02 ID FOLDER	C&O CANAL: BE AT THE BIG LOT ON CANAL DRIVE BY 7:30 AM	ASSIGNMENT #1 - CULTURAL SIGNIFICANCE - DUE SEPT 2, 11:59 PM)
II. EVOLUTIONARY ORIGINS OF BIRDS AND AVIAN FLIGHT						
ORIGINS OF MODERN BIRDS,	3	SEP 6, 2022	GILL CHAPTER 3 (REALLY EXPLAINS THE BASICS OF TAX)	03 ID FOLDER, ON-LINE QUIZ 1	FIELD TRIP 1: CHIMNEY SWIFT ROOSTING DATA COLLECTION 6:30-7:45. STUDENTS SHOULD ARRIVE AT THE CHIMNEY SWIFT TOWER BY 7 PM. NO MORNING LAB. CHECKING DATE TO FINALIZE	ASSIGNMENT #2 - AVIAN ORDER COMPARISON - DUE SEPT 9, 11:59 PM
DINO TO BIRD? COULD IT FLY?	4	SEP 12, 2022	CH 2, CURIOUS EXTRAVAGANT EVOLUTION OF FEATHERS, NATIONAL GEOGRAPHIC 2011	04 ID FOLDER	YANKAUER PRESERVE: STUDENTS ARE TO ARRIVE ON SITE BY 7:30 AM	
III. MECHANICS AND AERODYNAMICS OF FLIGHT:						
PHYSICS	5	SEPT 19	GILL CH. 5; HoBB 5-9 TO 5-4	05 ID FOLDER	FERRY HILL, SPECIAL GUEST, DR. ANDREW P. LANDSMAN STUDENTS ARE TO ARRIVE ON SITE BY 7:30 AM.	NON-TEST 1 - DUE SEPT 23, 11:59 PM
ADAPTATIONS	6	SEP 26, 2022		ON-LINE QUIZ 2	ANTIETAM BATTLE FIELD: GRASSLAND BIRDS. MEETING LOCATION TBA. BE ON-SITE BY 7:30 AM	ASSIGNMENT #3 - REVIEW OF A SCIENTIFIC PAPER - DUE SEPT 30, 11:59 PM
IV. AVIAN MIGRATION, ORIENTATION, AND NAVIGATION						
MIGRATION	7	OCT 3, 2022	GILL CH. 10 HOLLAND, TRUE NAVIGATION, JOZ 2011; HoBB 5-48 TO 5-51 AND 5-51 TO 5-79	06 ID FOLDER	FIRST FIELD QUIZ: LOCATION=C&O. BE AT THE SITE BY 7:30 AM	
NAVIGATION	8	OCT 10, 2022		07 ID FOLDER	INDOOR ID QUIZ, THEN..RAILROAD TRACKS IN SHEPHERDTOWN	ASSIGNMENT #4- THE MIGRATORY JOURNEY - DUE OCT 14, 11:59 PM
V. AVIAN BEHAVIOR AND INTELLIGENCE						
BRAINS & INTELLIGENCE	9	OCT 17, 2022	GILL CH 7, EMERY ET AL. 2006; "BIRD BRAINS" DISCOVERY 2010 ; ALEX VIDEO	08 ID FOLDER	FALL BREAK OCT 20-21—NO LAB	NON-TEST 2 - DUE OCT 28, 11:59 PM
VOCALIZATION	10	OCT 24, 2022	GILL CH 8	09 ID FOLDER, ON-LINE QUIZ 3	TBA.	
SOCIAL BEHAVIOR & SEXUAL SELECTION	11	OCT 31, 2022	GILL 11, 13	10 ID FOLDER	COOL SPRING PRESERVE, WV. STUDENTS ARE TO ARRIVE ON SITE BY 7:30 AM.	
NEST & INCUBATION, PARENTING	12	NOV 7, 2022	GILL 15, 16	11 ID FOLDER		ASSIGNMENT #5 - OUTREACH - DUE NOV 11, 11:59 PM
VI. BIRDS & CONSERVATION						
CONSERVATION HISTORY, MBT AND LAWS, POTENTIAL GUEST LECTURE	13	NOV 14, 2022	GILL 21	12 ID FOLDER ONLINE QUIZ 4	NCTC-WATER BIRDS SPECIMEN COLLECTION: GUEST LECTURE: RICHARD MINNIS. BE ON-SITE BY 7:30 AM	
THANKSGIVING BREAK		NOV 21, 2022				
MUSEUMS—ARE THEY GOOD OR BAD?	14	NOV 28, 2022	LOSS ET AL 2013 AND LOSS ET AL. 2013 MODERN THREATS DISCUSSION OR MUSEUM DISCUSSION	INDOOR QUIZ (IN LAB)	FINAL ID QUIZ (INDOOR) BIRD DISSECTION - INDOOR	ASSIGNMENT #6- LETTER TO A SENATOR - DUE DEC 2, 11:59 PM
Finals week		DEC 5, 2022				NON-TEST 3 DUE TUESDAY, DECEMBER 6 5:00 PM
* SEE SEPARATE SCHEDULE FOR DISCUSSION FOR THE LIST OF FAMILIES COVERED EACH WEEK!						*ASSIGNMENTS MAY BE CHANGED IF CURRENT EVENTS ARE RELEVANT OR INSTRUCTOR CHANGES MIND.