## Fundamental Microbiology Lab Term: Fall 2023

Dr. Mark Hollier Rev: 07/31/23 Instructor 678-891-3779 Phone: Email in iCollege (mhollier@gsu.edu = emergencies only) Email: BIOL-2260L-032 Course Abbreviation: CRN: 83877

Course Hours: Class times: TR 13:00-14:20 (1:00pm-2:20pm)

Office locatio: CC-1126

(start of

week,

Monday)

08/21/23

08/28/23

Class location: CC-2100 **Tutoring and** Dav Time (24hr)

Advising Monday

Tuesday	14:30-15:30
Tuesday	15:30-16:30
Tuesday	16:30-17:00

Tuesday	
Tuesday	

Wednesday

0-17:00

14:00-15:30 Thursday 14:30-15:30 Thursday 15:30-16:30

Thursday 16:30-17:00 Webex tutoring is available outside of the above listed hours. Dr Hollier is always willing to schedule appointments outside of the regular posted tutoring and advising hours. To schedule a session outside of the regular hours, you need to email Dr Hollier in iCollege 48 hours prior to the day you

wish to meet. In your email, specify what time of the day you can meet. Dr Hollier will do his best to meet your schedule. However, the day and time must be mutually compatible for both of us. Students who turn up outside the hours listed or without an appointment will be turned away / ejected

Exercises

Exercise 1-- Lab introduction and

compound microscopy

Exercise 2-- Aseptic transfer techniques

Exercise 3 - Streak and Spread Plates

Exercise 4-- Growth characteristics in

agar/broth

14:00-15:30

Time (12hr)

2:00pm-3:30pm

2:30pm-3:30pm

3:30pm-4:30pm

4:30pm-5:00pm

2:00pm-3:30pm

2:30pm-3:30pm

3:30pm-4:30pm

4:30pm-5:00pm

Misc dates

Start of classes = 08/21/23

Roll Verification Period =

08/21/23-08/30/23

Roll Verification MUST be

signed in class (no emails

or online quiz is allowed by

Department / College

policy for on campus

classes)

Safety Contracts uploaded

under assignments in

iCollege = 08/21/23-08/27/23

Location

Webex

LTC (CB-1200)

Office (CC-1126)

Webex

Webex

LTC (CB-1200)

Office (CC-1126)

Online Homework - Pre-

Laboratory Class (iCollege

Pre-Lab HW 01 (Ex 01 & 02)

= 08/21/23-08/23/23

Pre-Lab HW 02 (Ex 03, 04 &

16) = 08/26/23-08/28/23

Webex

from Webex.

Assignment dates

(iCollege)

Lab report 1 (Ex 2) =

08/29/23-08/31/23

Quizzes (iCollege)

Micro Lab Quiz 01 (Ex 01) =

08/25/23-08/28/23

Micro Lab Quiz 02 (Ex 02 &

03) = 09/01/23-09/04/23

Any changes to tutoring hours, whether for a single day or a change for the duration of the semester, will be posted in the announcements section of

iCollege. You should always check the announcements prior to attending any tutoring and advising time.

Fungal, Protozoal, &

Helminth Histology

Assigments (iCollege)

Discussions for on

campus (face-to-face)

classes

Submit your discussion from

the classroom using the QR

code displayed in class.

If you are not in the

classroom, then you cannot

submit your discussion (see

policy in the syllabus).

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If you are not in the

classroom, then you cannot submit your discussion (see policy in the syllabus).

Misc. Assignments

towards course grade

iCollege:

Syllabus quiz = 08/21/23-

08/30/23

Roll Verification = MUST be

signed in class

Plagiarism module =

08/21/23-08/30/23

Success in this course =

08/21/23-08/30/23

Lockdown Browser Test =

08/21/23-08/30/23

2

3

Lab

Ex#

2

3

00/04/22	5	16	Exercise 16 Hand washing	No Classes = 09/04/23	Pre-Lab HW 03 (Ex 05 & 06) = 09/04/23-09/06/23	Lab report 3 (Ex 4) = 09/05/23-09/07/23	Micro Lab Quiz 03 (Ex04 & 16) = 09/08/23-09/11/23		Submit your discussion from the classroom using the QR code displayed in class. If you are not in the classroom, then you cannot submit your discussion (see policy in the syllabus).	
09/04/23	6	5	Exercise 5 Wet mount microscopy						Submit your discussion from the classroom using the QR code displayed in class.  If you are not in the classroom, then you cannot submit your discussion (see policy in the syllabus).	
09/11/23	7	6	Exercise 6 Smear prep, simple stain, demo slides		Pre-Lab HW 04 (Ex 07 & 08) = 09/11/23-09/13/23	Lab report 2 (Ex16) = 09/07/23-09/14/23		Fungal 01 = 09/11/23- 09/13/23	Submit your discussion from the classroom using the QR code displayed in class. If you are not in the classroom, then you cannot submit your discussion (see policy in the syllabus).	
00/11/20	8	7	Exercise 7 Gram stain, 3-7 and 3-10 demo slides						Submit your discussion from the classroom using the QR code displayed in class.  If you are not in the classroom, then you cannot submit your discussion (see policy in the syllabus).	
09/18/23	9	8	Exercise 8 Schaeffer Fulton endospore stain, demo slides		Pre-Lab HW 05 (Ex 09 & 1)		Micro Lab Quiz 04 (Ex 05 & 06 & 07 & 08) = 09/22/23-	Protozoal 01 = 09/18/23-	Submit your discussion from the classroom using the QR code displayed in class. If you are not in the classroom, then you cannot submit your discussion (see policy in the syllabus).	
03/13/20	10	9	Exercise 9 Aerotolerance			& 11) = 09/18/23-09/20/23	09/19/23-09/21/23	09/25/23	09/20/23	Submit your discussion from the classroom using the QR code displayed in class. If you are not in the classroom, then you cannot submit your discussion (see policy in the syllabus).
NQ/25/23	11	10	Exercise 10 Selective/differential media for Gram + and Gram -			Lab report 5 (Ex 9) =	Micro Lab Quiz 05 (Ex 09 & 10) = 09/29/23-10/02/23	Helminth 01 = 09/25/23-	Submit your discussion from the classroom using the QR code displayed in class. If you are not in the classroom, then you cannot submit your discussion (see policy in the syllabus).	

OSIZOIZO	12	11	Exercise 11 Carbohydrate fermentation broths, TSI agar			09/26/23-09/28/23	Micro Lab Quiz 06 (Ex 10 & 11) = 09/29/23-10/02/23	09/27/23	Submit your discussion from the classroom using the QR code displayed in class.  If you are not in the classroom, then you cannot submit your discussion (see policy in the syllabus).	
13	13		Review for Mid-Term Practical		Pre-Lab HW 06 (Ex 12 & 13 & 14) = 10/05/23-10/07/23	Lab report 6 (Ex11) = 10/03/23-10/05/23	Midterm extra credit = 10/06/23-10/09/23		Submit your discussion from the classroom using the QR code displayed in class. If you are not in the classroom, then you cannot submit your discussion (see policy in the syllabus).	Online (iCollege) = MIDTERM EXAM = Closed book (no resources other
			No in-person class (if you have not taken the midterm exam, then this time that you would be in class should be used to take the online mditerm exam)							than your brain) = 10/05/23- 10/06/23
10/09/23	14	12	12 Exercise 12 Catalase, cytochrome oxidase, coagulase	Last day to withdraw = 10/10/23			Micro Lab Quiz 07 (Ex 12 &		Submit your discussion from the classroom using the QR code displayed in class. If you are not in the classroom, then you cannot submit your discussion (see policy in the syllabus).	
10/09/25	15	13	Exercise 13 Urease, casease, lipase, amylase tests, Pseudomonas F agar				13) = 10/13/23-10/16/23		Submit your discussion from the classroom using the QR code displayed in class.  If you are not in the classroom, then you cannot submit your discussion (see policy in the syllabus).	
40/48/22	16	14	Exercise 14 IMVIC tests, SIM medium		Pre-Lab HW 07 (Ex 15) = 10/16/23-10/18/23	Lab report 7 (Ex 12+13) = 10/17/23-10/19/23	Micro Lab Quiz 08 (Ex 14) =	Fungal 02 = 10/16/23-	Submit your discussion from the classroom using the QR code displayed in class.  If you are not in the classroom, then you cannot submit your discussion (see policy in the syllabus).	
10/16/23	17	15	Exercise 15 Serial dilutions and Viable plate count		Pre-Lab HW 09 (Ex 17 & 22 & 23) = 10/19/23-10/21/23	Lab report 8 (Ex14) = 10/19/23-10/21/23	10/20/23-10/23/23	10/18/23	Submit your discussion from the classroom using the QR code displayed in class. If you are not in the classroom, then you cannot submit your discussion (see policy in the syllabus).	

10/22/22	18	17	Exercise 17 UV Radiation		Pre-Lab HW 08 (Ex 15 & 18	Lab report 9 (Ex 15) =	Micro Lab Quiz 09 (Ex 15) =	Protozoal 02 = 10/23/23-	Submit your discussion from the classroom using the QR code displayed in class.  If you are not in the classroom, then you cannot submit your discussion (see policy in the syllabus).	
10/23/23	19	18, 19	Exercises 18 and 19 Antibiotic sensitivity and Disinfectants		& 19) = 10/23/23-10/25/23	10/24/23-10/26/23	10/27/23-10/30/23	10/25/23	Submit your discussion from the classroom using the QR code displayed in class. If you are not in the classroom, then you cannot submit your discussion (see policy in the syllabus).	
10/30/23	20		Handout Rapid Immunologic Diagnostic Tests Unknowns			Lab report 10 (Ex 18) =	Micro Lab Quiz 10 (Ex 17 &	Helminth 02 = 10/30/23-	Submit your discussion from the classroom using the QR code displayed in class. If you are not in the classroom, then you cannot submit your discussion (see policy in the syllabus).	iCollege (Assignments): Extra credit assignment =
10/30/23	21	Unknowns	Handout and p. 41Gram stain Unknowns			10/31/23-11/02/23	18 & 19) = 11/03/23-11/06/23	11/01/23	Submit your discussion from the classroom using the QR code displayed in class.  If you are not in the classroom, then you cannot submit your discussion (see policy in the syllabus).	10/31/23
11/06/23	22	Unknowns	Handout–Biochemical Tests on Unknowns					Fungal 03 = 11/08/23-	Submit your discussion from the classroom using the QR code displayed in class.  If you are not in the classroom, then you cannot submit your discussion (see policy in the syllabus).	
11/06/23	23	22, Unknowns	Exercise 22– Fungal demo slides, continue unknowns					11/10/23	Submit your discussion from the classroom using the QR code displayed in class.  If you are not in the classroom, then you cannot submit your discussion (see policy in the syllabus).	
11/13/23	24	23, Unknowns	Exercise 23 Protozoa demo slides, unknown tests	After midpoint extension request date = 11/13/23	Pre-Lab HW 10 (Ex 24) =	Unknown report = 11/09/23-		Protozoal 03 = 11/13/23- 11/15/23	Submit your discussion from the classroom using the QR code displayed in class. If you are not in the classroom, then you cannot submit your discussion (see policy in the syllabus).	

Submit your discussion from

11/10/20	25	24, Unknowns	Exercise 24 Helminth slides/specimens	Thanksgiving Break = 11/20/23-11/26/23	11/13/23-11/15/23	11/17/23	Helminth 03 = 11/15/23- 11/17/23	Submit your discussion from the classroom using the QR code displayed in class.  If you are not in the classroom, then you cannot submit your discussion (see policy in the syllabus).	
11/27/23	26		Review all slides + Review for Finals	End of classes = 12/04/23			Fungi & Protozoa & Helminths = 11/27/23- 11/29/23	submit your discussion (see	Online (iCollege) = FINAL EXAM = Closed book (no resources other than your brain) = 11/30/23-12/01/23
			No in-person class (if you have not taken the final exam, then this time that you would be in class should be used to take the online final exam)		hla data- and				

Disclaimer: The class dates and content are tentative, and as such are subject to change.

Work due dates are 11:59pm of the day indicated, unless otherwise indicated (late submissions will NOT be graded)

Online assignments are open from 12:01am on the first date of the range listed until 11:59pm of the last date listed.