# CLS 428: Mycology

**Instructor- Lecture:** Kelly Michalski, M.S., MLS (ASCP)CM

**Office:** D**-**146 Science Building

 **Phone:** 715-346-3765

 **Lecture:** D224 8:00-9:15am

**Office Hours:** By appointment

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## COURSE DESCRIPTION:

**CLS 428:** This course introduces the clinical signs, symptoms, treatment, epidemiology, and identification of medically significant fungi.

## LEARNING OUTCOMES

***Students will be able to:***

1. State definitions of general terms used in mycology.
2. Recall the scientific and common names of each fungi and yeast discussed.
3. State the general geographic distribution of each fungi and yeast.
4. State the fungi and yeast form that causes disease in humans and its location in the body.
5. Describe the means by which each infection occurs.
6. Sate the name of the disease produced and its most common symptoms and pathology.
7. State the appropriate specimen and culture medium to examine each fungi and yeast, and list other laboratory tests useful in its diagnosis.

## COURSE OBJECTIVES:

Objectives are provided on separate document.

## FORMAT:

As a means of enhancing your learning experience, lectures will be held in person with group “assessments” during lecture as well.

## ASSIGNMENTS:

**Online Quizzes:** Online quizzes may accompany class work. These ***timed*** quizzes are to be

***completed individually.***

**ACADEMIC INTEGRITY:**

At UW-Stevens Point and, in all courses, we place great emphasis on academic integrity
and honesty. Plagiarism, fabrication, cheating, helping others commit these acts, and
any form of dishonesty compromises the educational process and devalue the
achievements of all students. All work you submit must be original and completed
individually unless collaboration is explicitly allowed. Always acknowledge your sources,
cite appropriately, and give credit where it's due. If instances of alleged academic
dishonesty are identified, appropriate actions will be taken in accordance with the
institution’s policies (UWSP Chapter 14). These actions could include revising the
assignment, receiving a lower grade or no credit for the assignment, receiving a lower
grade for the entire course, or facing more serious academic consequences.
If you are unsure if something might be considered academic misconduct, you are
struggling to understand the content or an assignment, or you have fallen behind for
whatever reason, please contact your instructor as soon as possible. By nurturing a
community of support, honesty, and respect, we ensure that academic pursuits and
your experiences at UW-Stevens Point are both meaningful and genuine.

**Missed/Late Work Policy**

**Missed/late work (assignments, projects, exams, etc.) will receive a zero if not completed by the scheduled due dates or scheduled exam periods unless the student provides the**

**instructor with a doctor’s note, coaches note, obituary, etc., as deemed appropriate by the instructor. *Students with proper documentation will be given no more than 72 hours, from the date of the document, to complete all missed work. Any extra time beyond 72 hours will need to be pre-arranged, with proper documentation, with the instructor. It should not be assumed that time beyond 72 hours will be granted.* It is the student’s responsibility to provide the instructor with the documentation and schedule make-up exams and /or submit late assignments, etc. within the 72-hour time-frame; failure to do so will result in a zero.**

***Note: Having to work is not an acceptable reason for missing class and the absence* will be**

# deemed unexcused, and result in a zero for any missed schoolwork.

## EXAMS & QUIZZES:

* Lecture = (may include the following items or additional items)
	+ Online Quizzes
	+ Exams
* “Laboratory” Exercises/Assessments
* Final Examination
	+ Comprehensive final exam: December 18th, 2023, 12:30-2:30, Room D224 Science Building

**GRADING SYSTEM:**

|  |  |
| --- | --- |
| Letter Grade | Percentage |
| A | 93.0-100% |
| A- | 90.0-92.9% |
| B+ | 87.0-89.9% |
| B | 83.0-86.9% |
| B- | 80.0-82.9% |
| C+ | 77.0-79.9% |
| C | 73.0-76.9% |
| C- | 70.0-72.9% |
| D+ | 67.0-69.9% |
| D | 60.0-66.9% |
| F | 0-59.9% |

## DERIVATION OF COURSE GRADES:

* Lecture = 50% (may include the following items or additional items) Online Quizzes
* Laboratory Exercises (In the form of in class assessments) 30%
* Final Examination = 20%

## REQUIRED TEXTS:

## *Medically Important Fungi: A Guide to Identification* 5th Edition. Davise H. Larone

## ISBN 978-1-55581-660-5

## Available in textbook rental

## \*\*\*Highly Suggested Text: *Medical Mycology: A Self-Instructional Text.* 2nd Edition. Martha E. Kern and Kathleen S. Blevins

## ISBN 978-0-8036-0036-2

***Supplemental texts and journal articles will be used as needed.***