

Syllabus Spring 2024

CRN 10797 NFS 153: Principles of Food Technology, 3.0 Credits

Modality, Meeting Pattern, Location:

This is an in person course.

The class meets three times per week (M,W,F) from 1:10-2:00pm.

The location of the classroom is Rowell 110.

Instructors Contact Information:

Professor: Dr. Todd Pritchard (aka “Dr. Todd”)

Office: 352 Marsh Life Sciences

Telephone: 656-0135

Email: Todd.Pritchard@uvm.edu

Office Hours: By Appointment. Send Email with request for meeting and we will find a time to converse in person or via a Team video conference.

Teaching Assistants: Not Applicable

Prerequisites:

Chemistry 1580 is a pre-requisite but overrides are available for non NFS majors as well as NFS majors who are transfer students and are taking courses out of the normal schedule.

General Education:

This course is a requirement for all NFS students enrolled in the Dept. of Nutrition and Food Sciences, Food Science Track. Individuals in Food Systems as well as NFS minors may opt to take this course too to fulfill requirements/electives.

Course Description:

This course looks at the history of food preservation techniques, food quality, food safety and unit operations in the production of a food product.

Course Objectives:

Upon completion of the course, students should be able to:

- 1) Understand historically relevant preservation techniques
- 2) Understand the concept of unit operations
- 3) Understand the processing of foods including dairy, grains, vegetables and meat.
- 4) Understand the factors which can affect the growth of microbes and lead to spoilage and/or safety factors

Modality Description/Outline:

This course is designated as in person and students are expected to actively participate in the discussion of classroom materials. In the event that the University of Vermont implements procedures that require all classes to be remote the lectures will be presented via MS Teams.

If the teacher must isolate and/or quarantine due to COVID-19 exposure the lecture format will change to the use of MS Team and will be presented during the designated time for the course.

The course will utilize Brightspace as a means of taking quizzes, the distribution of Power Point materials related to lectures, and in many instances, the addition of videos that address the lecture materials.

Required Materials:

There is no required book for the course. Students will be required to visit Brightspace site to obtain Materials relevant to this course. Likewise, quizzes will be administered via Brightspace.

Required Platforms and Software:

The course will require students to have a Brightspace account as well as MS Team. Students are expected to complete quizzes via Brightspace.

Attendance Policy and Classroom Expectations:

Attendance is not a requirement of your semester grade. That having been said, the prudent student will attend class to obtain the completeness of the nuances of the discussion of materials as well as having an opportunity to ask clarifying questions.

In the event that a student is required to isolate and/or quarantine due to COVID-19 (or any other such disease the University of Vermont deems a public health threat) students will be asked to view the materials (Power Points as well as videos).

“The [Green and Gold Promise](#) clearly articulates the expectations that UVM has for students, faculty, and staff to remain compliant with all COVID-19 recommendations from the federal CDC, the State of Vermont, and the City of Burlington. This include following all rules regarding facial coverings and social distancing when attending class. If you do not follow these guidelines, I will ask you to leave the class. If you forget your mask, you cannot enter the class and should go back and retrieve your mask. [The Code of Student Conduct](#) outlines policies related to violations of the Green and Gold Promise. Sanctions for violations include fines, educational sanctions, parent notification, probation, and suspension.”

Grading Criteria:

Grading for this course will include the use of quizzes, exams and a project to determine semester grades.

All quizzes and exams must be the sole work of the individual who is submitting them for evaluation. To be clear: You may not work with and/or communicate with, another individual(s) on your materials. To do so will be designated as cheating and will be sent to the appropriate UVM office for review.

All quizzes will be administered via Brightspace and are time sensitive. Failure to meet a deadline for any reason will result in a “0” for the potential points.

Exams will be taken in the classroom via the use of either a laptop or other wifi capable device.

In the event that the University of Vermont implements procedures that require all classes to be delivered remotely the exams will be administered via Brightspace.

The materials will include 3 quiz sections each of which is worth up to 100 points for a total of 300 points; three exams each of which is worth up to 50 points for a total of 150 points; five writes of presentations for a total of 50 points; as well as a group project worth a total of 50 points which will require identifying a food to research as well as presenting on their findings to the class during the last three weeks of the semester.

Final averages will be determined by adding up the total points for the quizzes plus your top three exams scores plus any other extra credit points available and dividing this number by 550.

Averages will be calculated to the third decimal point and used to determine the grade using the scale noted below. (NOTE: There is no scaling or rounding of averages when determining end of the semester grades.)

A+	=	97 or greater
A	=	93.0 to 96.9X
A-	=	90.0 to 92.9X
B+	=	87.0 to 89.9X
B	=	83.0 to 86.9X
B-	=	80.0 to 82.9X
C+	=	77.0 to 79.9X
C	=	73.0 to 76.9X
“C-“	=	70.0 to 72.9X
D+	=	67.0 to 69.9X
D	=	63.0 to 66.9X
D-	=	60.0 to 62.9X
F	=	Less and 60.0

Recording Class Sessions:

“Our class sessions may/will be audio-visually recorded for students in the class to refer back to, and for enrolled students who are unable to attend live. Students who participate with their camera engaged or utilize a profile image are agreeing to have their video or image recorded. If you are unwilling to consent to have your profile or video image recorded, be sure to keep your camera off and do not use a profile image. Likewise, students who un-mute during class and participate orally are agreeing to have

their voices recorded. If you are not willing to consent to have your voice recorded during class, you will need to keep your mute button activated and communicate exclusively using the chat feature, which allows students to type questions and comments live.”

Course Evaluations:

All students are expected to complete an evaluation of the course at its conclusion. The evaluations will be anonymous and confidential, and that the information gained, including constructive criticisms, will be used to improve the course.

I do not see the evaluations until upwards to a month after courses are completed.

Intellectual Property Statement/Prohibition on Sharing Academic Materials:

Students are prohibited from publicly sharing or selling academic materials that they did not author (for example: class syllabus, outlines or class presentations authored by the professor, practice questions, text from the textbook or other copyrighted class materials, etc.); and students are prohibited from sharing assessments (for example homework or a take-home examination). Violations will be handled under UVM’s Intellectual Property policy and Code of Academic Integrity.

Tips for Success:

- Checklist for success in <https://learn.uvm.edu/about/support-for-students/checklist-online-credit-courses/>
- Academic support for online courses: <https://www.uvm.edu/academicsuccess/online-learning-student-resources-remote-instruction>
- 30-minute webinar on online learning success (Mar 2020): https://www.youtube.com/watch?v=Xp_MYsqQyvE

Helpful resources other than the professor (e.g., [Undergraduate/Graduate Writing Center](#), [Supplemental Instruction](#), [Learning Co-op tutors](#), supplemental course materials)

Student Learning Accommodations:

In keeping with University policy, any student with a documented disability interested in utilizing ADA accommodations should contact Student Accessibility Services (SAS), the office of Disability Services on campus for students. SAS works with students and faculty in an interactive process to explore reasonable and appropriate accommodations, which are communicated to faculty in an accommodation

letter. All students are strongly recommended to discuss with their faculty the accommodations they plan to use in each course. Faculty who receive Letters of Accommodation with Disability Related Flexible accommodations will need to fill out the Disability Related Flexibility Agreement. Any questions from faculty or students on the agreement should be directed to the SAS specialist who is indicated on the letter.

Contact SAS:

A170 Living/Learning Center;

802-656-7753

access@uvm.edu

www.uvm.edu/access

Important UVM Policies

Religious Holidays:

Students have the right to practice the religion of their choice. If you need to miss class to observe a religious holiday, please submit the dates of your absence to me in writing by the end of the second full week of classes. You will be permitted to make up work within a mutually agreed-upon time.

<https://www.uvm.edu/registrar/religious-holidays>

Academic Integrity:

The policy addresses plagiarism, fabrication, collusion, and cheating.

<https://www.uvm.edu/policies/student/acadintegrity.pdf>

Grade Appeals:

If you would like to contest a grade, please follow the procedures outlined in this policy:

<https://www.uvm.edu/policies/student/gradeappeals.pdf>

Grading:

For information on grading and GPA calculation, go to <https://www.uvm.edu/registrar/grades>

Code of Student Conduct:

<http://www.uvm.edu/policies/student/studentcode.pdf>

FERPA Rights Disclosure:

The purpose of this policy is to communicate the rights of students regarding access to, and privacy of their student educational records as provided for in the Family Educational Rights and Privacy Act (FERPA) of 1974.

<http://catalogue.uvm.edu/undergraduate/academicinfo/ferparightsdisclosure/>

Promoting Health & Safety:

Center for Health and Wellbeing:

<https://www.uvm.edu/health>

Counseling & Psychiatry Services (CAPS)

Phone: (802) 656-3340

C.A.R.E. If you are concerned about a UVM community member or are concerned about a specific event, we encourage you to contact the Dean of Students Office (802-656-3380). If you would like to remain anonymous, you can report your concerns online by visiting the Dean of Students website at <https://www.uvm.edu/studentaffairs>

Final Exam Policy:

The University final exam policy outlines expectations during final exams and explains timing and process of examination period. <https://www.uvm.edu/registrar/final-exams>

Alcohol and Cannabis Statement:

The Division of Student Affairs has offered the following statement on alcohol and cannabis use **that faculty may choose to include, or modify for inclusion**, in their syllabus or Brightspace site:

Statement on Alcohol and Cannabis in the Academic Environment

As a faculty member, I want you to get the most you can out of this course. You play a crucial role in your education and in your readiness to learn and fully engage with the course material. It is important to note that alcohol and cannabis have no place in an academic environment. They can seriously impair your ability to learn and retain information not only in the moment you may be using, but up to 48 hours or more afterwards. In addition, alcohol and cannabis can:

- Cause issues with attention, memory and concentration
- Negatively impact the quality of how information is processed and ultimately stored
- Affect sleep patterns, which interferes with long-term memory formation

It is my expectation that you will do everything you can to optimize your learning and to fully participate in this course.