

Appendix 1 BIOTECH 2CB3 2022_Course Feedback (McMaster University)

BIOTECH 2CB3 C01 - Cell Biology Uzma Nadeem

Please list aspects of this course that you found valuable and should be continued:

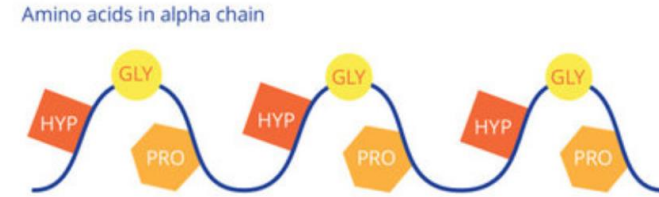
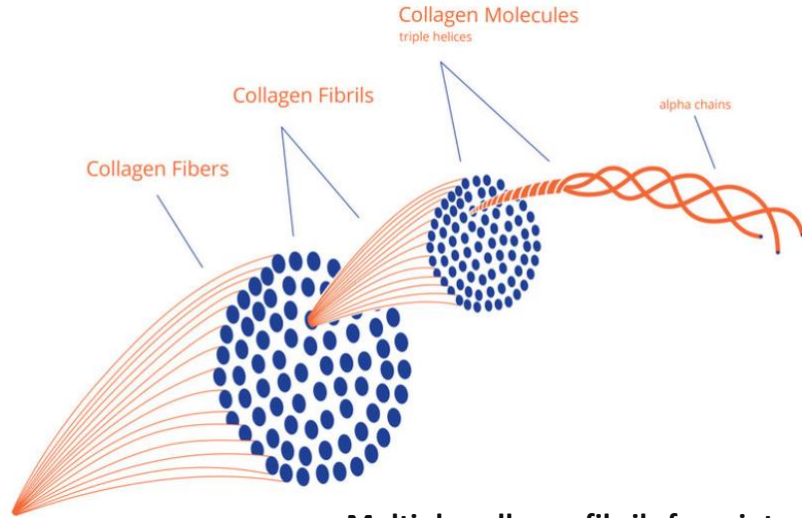
Comments
The industry relevant information, critical thinking questions, review sessions, feedback surveys, kahoots as well as the wonderful and informative slides and diagrams were very useful and well done and should be continued.
In-depth lectures, tutorials and weekly quizzes
All the diagrams present in the slides
The group assignments that were done in the class The small in class activities that were done to reinforce concepts – tutorials & group assignments
I really like the way the hard concepts are taught with vivid demonstrations, and I like the review chapters
Quizzes having unlimited amounts of time and being open for a few days was really helpful, same with tutorial assignments and the way they were formatted with unlimited attempts and time and being a mix of short answer and MCQs. Lab reports are intimidating but very thorough and it is appreciated that the professor has resources explaining requirements to get full marks for the reports. Lecture slides were thorough with explanations and also had insightful youtube video links and images. The professor went above and beyond for students and was very accommodating whenever needed. While there was so much content, the professor put emphasis on the most important concepts by either writing them in bold or red on slides, or stating that they are important during lectures. I really appreciated when the professor would explain concepts from drawing diagrams, making up stories/analogs/mnemonics or engaging us in group activities.
Material in chapter slides is organized in a nice manner that makes the material easy to understand. Group assignments and quizzes were also helpful in understanding the material.
I love the material and i think its all very interesting. i love the effort the professor puts in too.
I liked the tutorials and the weekly quizzes.
The story telling and the way of talking really helped deliver the Knowledge with fun
The resources provided and the stories the professors makes when explaining hard and huge concepts helps in understanding the concepts
imersive slides and kahoot sessions also interactive study method
The in class assignments were very helpful in our leaning
The quizzes are a great learning tool to know what to expect on the midterms and final exam. In class activities have a broad approach to learning material which is great too.

BIOTECH 2CB3 C01 - Cell Biology Uzma Nadeem

Additional comments:

Comments
Thank you for being a wonderful teacher it was truly a pleasure to learn from you!
I really did love this course; the content was very interesting and I found myself wanting to learn and study the content and do well. It definitely got harder to do so around midterm 2 with all the heavy chapters and class interruptions due to strikes, but the professor made any obstacles faced this semester stress-free and easy to navigate as she would accommodate students whenever necessary, reply to emails and questions and always listen to suggestions and requests. I really appreciate that she took the time to add more detail to the slides wherever necessary. She is one of my favourite professors as you can really tell she loves teaching students and wants us to succeed; she is very sweet and intelligent! Thank you professor!
thank you for teaching us, we love you!

The Extracellular Matrix: Collagen

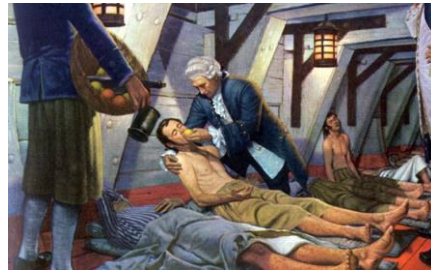


Amino acids on the alpha chain proline (PRO), glycine (GLY) and hydroxyproline (HYP) that needs to be hydroxylated and required vitamin C for the enzyme that hydroxylate amino acids and maintain the stability of the triple helix of collagen.

Fig taken: Nijhuis et al., 2019 January 2019
[Journal of Children s Orthopaedics](#) 13(1):1-11

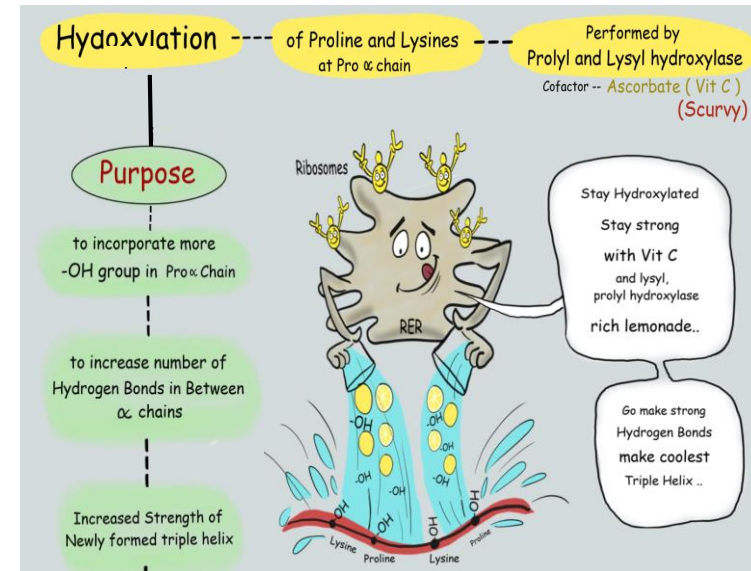
Multiple collagen fibrils form into collagen fibres.

Be careful!
 Don't copy everything from the internet



Vitamin C is essential for the synthesis of stable collagen.

Deficiency of vitamin C will affect collagen synthesis and leads to gums diseases, changes to hair and bleeding from the skin.



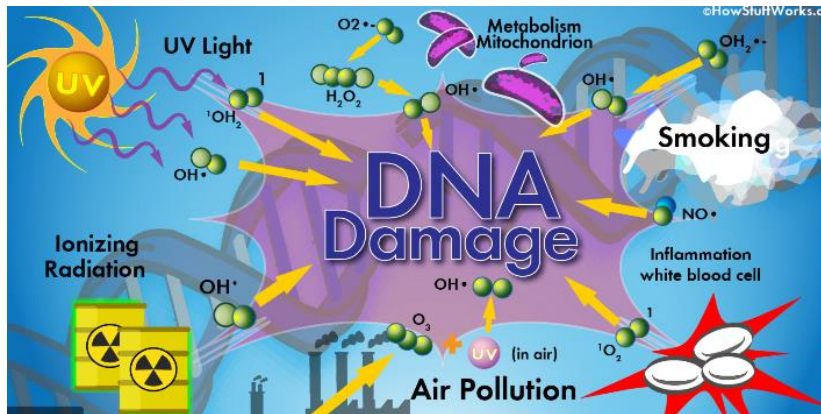
Q) What vitamin is essential to synthesize collagen?

Why?

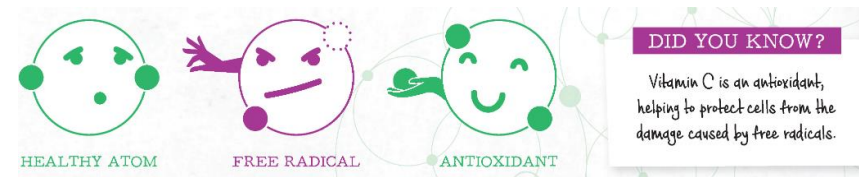
Q) Why our body cannot make vitamin C?

Q) What other role vitamin C has in our body?

Antioxidant



https://resize.hswstatic.com/w_796/gif/free-radical-causes.jpg

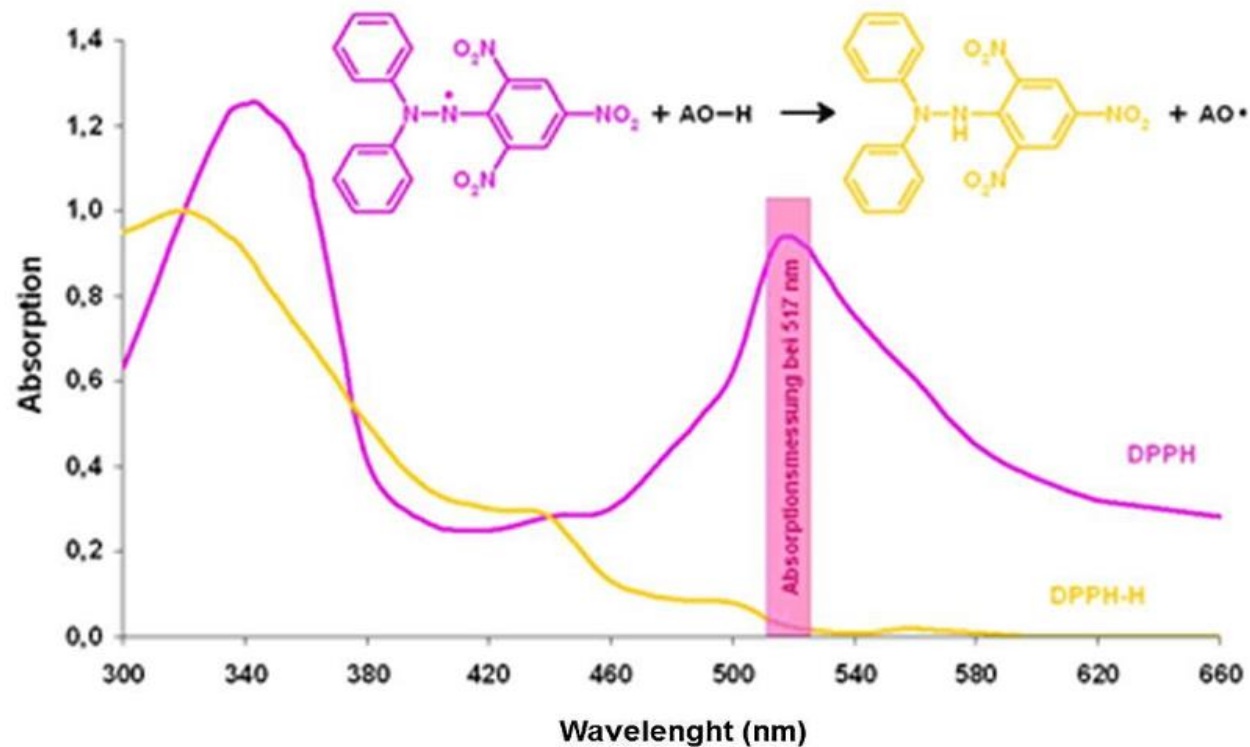


<https://www.health2000.co.nz/data/media/images/blog//Free%20radicals.jpg>

Q) How do we know that vitamin C is an antioxidant?

We will try today with DPPH: Let see what happens:::

Orange juice, coke, cinnamon and control



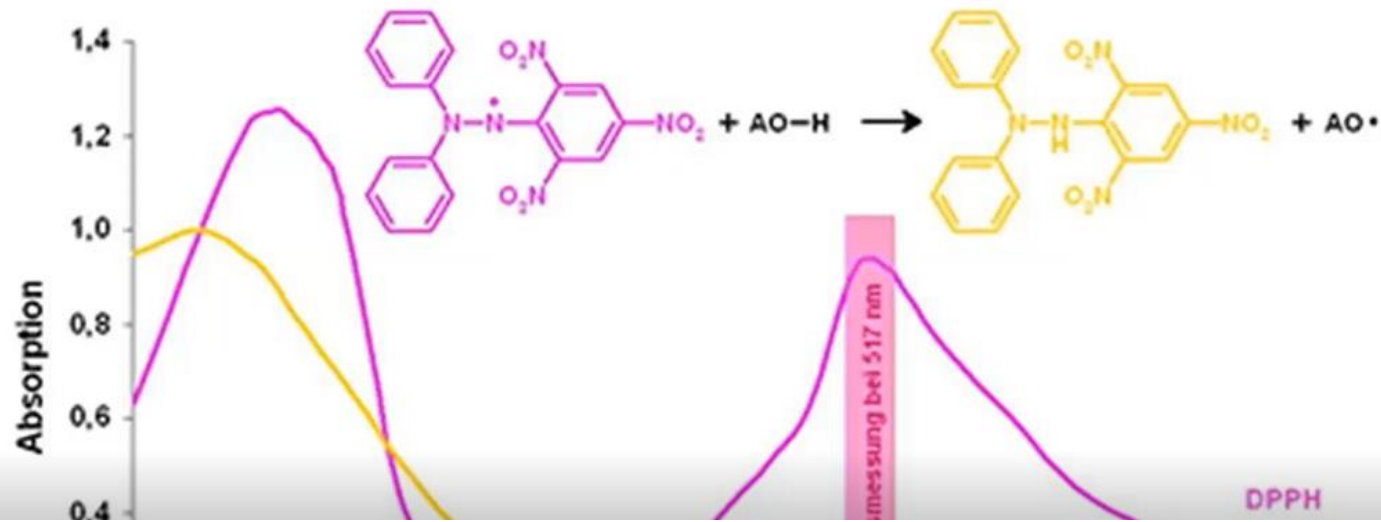
What do you observe in the experiment we just did? What did you conclude?

Video Clips screenshots

Q, how do we know that vitamin C is an antioxidant?

We will try today with DPPH: Let see what happens::::

Orange juice, coke, cinnamon and control

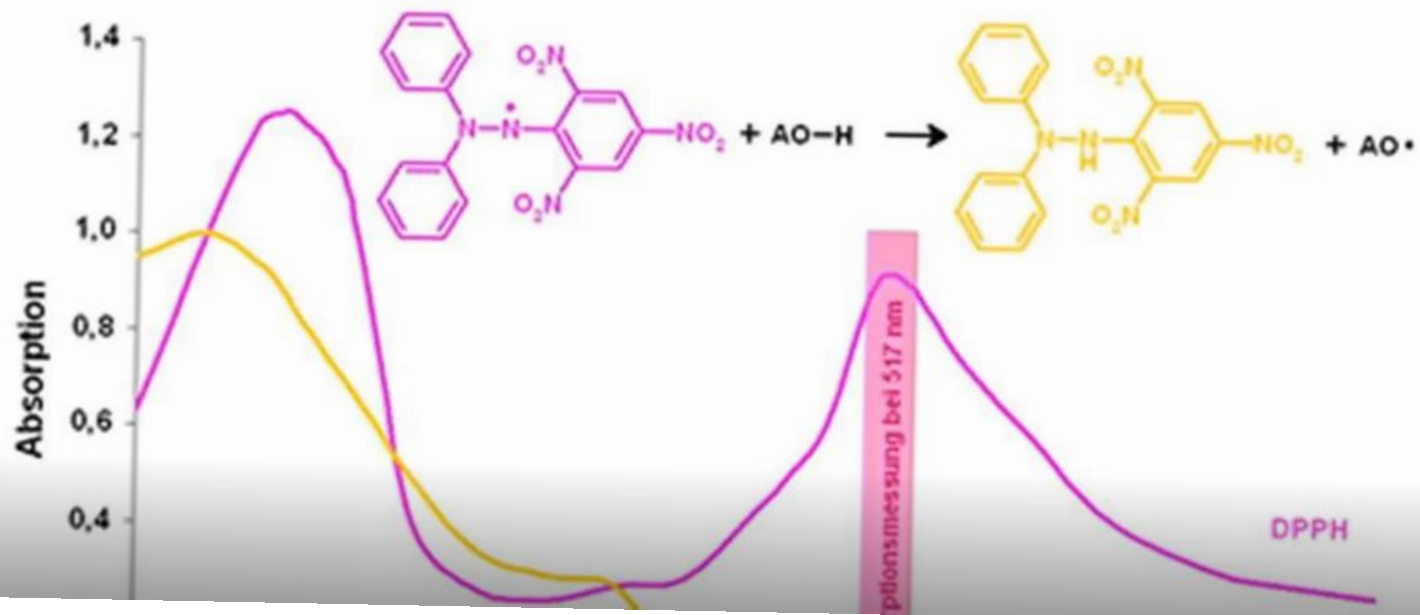


Dr. Uzma Nadeem

Q, how do we know that vitamin C is an antioxidant?

We will try today with DPPH: Let see what happens::::

Orange juice, coke, cinnamon and control



Dr. Uzma Nadeem

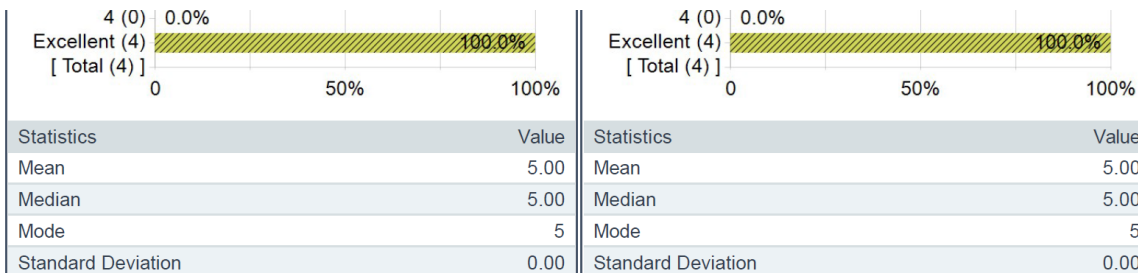
APPENDIX :3

Lab Schedule for Hands-on Learning during COVID-19

		In-person Lab information				
		* only 6 students in each lab because of COVID-19 restriction				
Lab No	Lab Details	Lab Section	Dates			Cohort
			Lab 1+2	Lab 3+4	Lab 5	
Lab 1+2	Analysis of Cell Structure+ Cell Culture	L01 (8:30-11:20AM)	L01A	2021-09-15		
		L03 (3:30-6:20PM)	L03A	2021-09-15		
		L02 (8:30-11:20 AM)	L02A	2021-09-22		
		L02 (8:30-11:20 AM)	L02B	2021-10-06		
		L01 (8:30-11:20AM)	L01B	2021-09-29		
		L03 (3:30-6:20PM)	L03B	2021-09-29		
Lab 3+4	Isolation of Cell Organelles by Differential Centrifugation+ Isolation of Chloroplasts from Spinach Leaves	L01 (8:30-11:20AM)	L01A		2021-10-20	
		L03 (3:30-6:20PM)	L03A		2021-10-20	
		L02 (8:30-11:20 AM)	L02A		2021-10-27	
		L02 (8:30-11:20 AM)	L02B		2021-11-10	
		L01 (8:30-11:20AM)	L01B		2021-11-03	
		L03 (3:30-6:20PM)	L03B		2021-11-03	
Lab 5	Succinate Dehydrogenase Activity in Cauliflower Mitochondria	L01 (8:30-9:50AM)	L01A			2021-11-17
		L01 (10:00-11:20AM)	L03A			2021-11-17
		L02 (8:30-9:50AM)	L02A			2021-11-24
		L02 (10:00-11:20AM)	L02B			2021-11-24
		L03 (3:30-4:50PM)	L01B			2021-11-17
		L03 (5:00-6:20PM)	L03B			2021-11-17

APPENDIX: 4 BIOTECH 4GP3 2024_Labs Feedback (McMaster University)

Winter 2024 (BIOTECH 4GP3 labs) McMaster University



Please list aspects of this course that you found valuable and should be continued:

Comments
Explain really detailed and very patient with student
The lab instructor always made sure to value explaining the reasoning behind what we do in the labs rather than going through the steps. This helped with a practical understanding that I have only ever truly experienced in this instructor's labs. These labs were always so enjoyable and I learned the most thanks to the instructor's assistance!
Professor was very approachable and welcomed questions

Please list aspects of this course that might be improved:

Comments
not applicable
Laboratory tools to be functioning properly.

Additional comments:

Comments
Thank you so much to Uzma Nadeem for providing a wonderful experience in this lab. I wish I could have her as a lab instructor again and I'm so grateful for the opportunity to have her for both cell biology and genomics/proteomics. She cares so much about making sure students understand what they are doing and is always so friendly. I would 11/10 recommend everyone experience a course with her either as the professor or lab instructor. Her labs provided me with the opportunity to take notes that I can use in the future and her analogies to simplify concepts were always greatly appreciated. Thank you!

APPENDIX: 5

Feedback on group exams and group learning activities

Fall 2023 (Course BIOTECH 2CB3) McMaster University

BIOTECH 2CB3 C01 - Cell Biology Uzma Nadeem

Please list aspects of this course that you found valuable and should be continued:

Comments
Cleared and detailed explanation on foreign topics, group assignments for every chapter.
Mandatory allowed for a more enriched learning experience with a slight incentive, this could prove very useful for encouraging students to come and participate
prof very helpful in lab session, eager to answer questions, helpful with giving feedback and advice on labs
Professor records lecture so you can go back and see what was said.
Assignments were great! Professor explained questions.
Professor Nadeem's energy and passion for cell biology was palpable and she made the course very engaging and exciting. I found myself excited to learn in her class everyday.
Professor was wonderful; she connects topics to real world applications and is passionate about the subject. Weekly quizzes and group assignments were good for preventing students from falling behind.
* Midterm test level wonderful and the addition of group tests is amazing and well needed.
Our professor Dr. Uzma Nadeem started a kind of group exam, which is really helpful, especially for students like me who have poor understanding when studying alone.
Professor took feedback very well, tried to hear from students at all opportunities, trying to cater their teaching style to students.
Added questions and review for each of the slides so that we could apply learning during lecture time, and see how we were doing at intermittent times.
Group exams and in class activities boosted me a lot !
The group exams as they help to develop group thinking and interpersonal skills
Group activities and groups tests

Tutorial 5

1) You and a group of friends are going out for pizza at the downtown on weekend. Your favorite is a pizza loaded with cheese, tomato, and plenty of garlic and onions. The only drawback is that you know you will likely experience heartburn and indigestion later in the evening. Decades ago, the main option was to take antacids after overeating; today, however, there are several preventive medications that can reduce heartburn before it begins.

1. **Antacids** (e.g., calcium carbonate) neutralize stomach acid and temporarily raise the pH of gastric contents, providing short-term relief.
2. A **second class of drugs** (e.g., Zantac, Pepcid, Tagamet) acts as receptor antagonists on gastric cells, preventing hormonal stimulation from activating the H⁺/K⁺ ATPase.
3. A **third class of drugs** (e.g., Prilosec, Prevacid) directly inhibits the H⁺/K⁺ ATPase.

Based on what you learned in Chapters 3 and 4, briefly explain how the **second** and **third** classes of drugs prevent heartburn.

2. You have an opportunity to join a professor's laboratory that uses **in vivo** models to study mitochondrial dysregulation in the liver. The professor asks you to isolate mitochondria from rat liver and place them in an assay medium. Based on what you have learned in this course so far, answer the following:

- a) Which technique would you use to isolate mitochondria?
- b) What happens to the pH of the medium when it is kept anaerobic (no oxygen)? Indicate whether the pH will **increase, decrease, or remain unchanged**, and explain why.
- c) What happens when **O₂-saturated saline** is added to the mixture?

3. A patient arrives at the emergency department at Toronto Western Hospital. He reports that he has been trying to lose weight and has been very successful over the past few days, but he now feels fatigued, has low energy, and is tired most of the time. During the interview, the physician believes they have identified the cause of his condition. What do you think the physician has discovered?

APPENDIX 7: Course Outline (BIOTECH 2CB3) 2025

ENGINEERING
McMaster-Mohawk
Bachelor of Technology
Partnership



Course Outline

1. COURSE INFORMATION

Session Offered	Fall 2025	
Course Name	Cell Biology	
Course Code	BIOTECH 2CB3	
Date(s) and Time(s) of lectures	Mondays: 4:30 PM-6:20 PM (In-person) Room ETB 238 Tuesdays: 4:30 PM- 5:20 PM (In-person) Room ABB 165 Labs: (Every other week) Wednesdays (Lab 01): 8:30 AM-11:20 AM (In-Person) Wednesdays (Lab 02): 8:30 AM-11:20 AM (In-Person) Wednesdays (Lab03): 3:30 PM-6:20 PM (In-Person) All lab sections are scheduled in ETB 311 .	
Program Name	Biotechnology	
Calendar Description	An introduction to the basic living cell structure, functions, genetics and the fundamentals of metabolism	
Instructor(s)	Dr. Uzma Nadeem	E-Mail: nadeeu2@mcmaster.ca Office Hours & Location: Tuesdays 5:30-6:20 PM (In-Person) Alternatively, use email to schedule appointments for other times

2. COURSE SPECIFICS

Course Description			
Instruction Type	Code	Type	Hours per term
	C	Classroom instruction	37
	L	Laboratory, workshop or fieldwork	18
	T	Tutorial	16
	DE	Distance education	110
	Total Hours		
Resources	ISBN	Textbook Title & Edition	Author & Publisher
	ISBN: 9781119598169 (e-book) 9781119601302 (Book)	Cell and Molecular Biology: 9 th Edition	Gerald Karp John Wiley & Sons, Inc
	Other Supplies	Source	
	Avenue to Learn	e-book or Hard copy	
Prerequisite(s)	ENGTECH 1BI3, ENGTECH 1CH3		
Corequisite(s)	None		
Antirequisite(s)	None		
Course Specific Policies	Attending to all classes are MANDATORY and you have to complete many non- announced quizzes and presentations. Students should attend all laboratory sessions and submit lab report. Absence from lab with no well documented excuse or failure to submit the report in time result with F grade in that lab. There is no make-up policy in the midterms for this		

	<p>course. If the student missed any midterm then the percentage of the final will be increased to compensate the missing midterms by providing the well documented and approved report for the absence (https://www.mcmaster.ca/msaf/). Students should be aware that, when they access the electronic components of this course, private information such as first and last names, user names for the McMaster e-mail accounts, and program affiliation may become apparent to all other students in the same course. The available information is dependent on the technology used.</p> <p>Continuation in this course will be deemed consent to this disclosure. If you have any questions or concerns about such disclosure, please discuss this with the course instructor. The instructor may also use other software including: e- mail, Avenue, LearnLink, web pages, capa, Moodle, Thinking Cap, Top Hat, etc. The communications via email is strictly by your official McMaster University Account, no replies to the commercial emails and/or nick names. Late submissions of assignments and Lab report will be penalized 10% per day for a maximum of two days. After those two days, no submission will be accepted. Students must pass both components of the course (labs and lectures).</p>	
<p>Departmental Policies</p>	<p>Students must maintain a GPA of 3.5/12 to continue in the program.</p> <p>In order to achieve the required learning objectives, on average, B.Tech. students can expect to do at least 3 hours of “out-of-class” work for every scheduled hour in class. “Out-of-class” work includes reading, research, assignments and preparation for tests and examinations.</p> <p>Where group work is indicated in the course outline, such collaborative work is mandatory.</p> <p>The use of cell phones, iPods, laptops and other personal electronic devices are prohibited from the classroom during the class time, unless the instructor makes an explicit exception.</p> <p>Announcements made in class or placed on Avenue are considered to have been communicated to all students including those individuals that are not in class.</p> <p>Instructor has the right to submit work to software to identify plagiarism.</p>	
<p>3. SUB TOPIC(S)</p>		
<p>Week 1</p>	<p>Introduction to Cell and Molecular Biology</p>	<p>Ch. 1</p>
<p>Week 2</p>	<p>Introduction & The Chemical Basis of Life</p>	<p>Ch.1, 2</p>
<p>Week 3</p>	<p>The Chemical Basis of Life & Bioenergetics, Enzymes, and Metabolism</p>	<p>Ch. 2, 3</p>
<p>Week 4</p>	<p>Bioenergetics, Enzymes, and Metabolism</p>	<p>Ch. 3</p>
<p>Week 5</p>	<p>The Structure and Function of Plasma Membranes</p>	<p>Ch. 4</p>
<p>Week 6</p>	<p>The Structure and Function of Plasma Membranes & Term test 1</p>	<p>Ch. 4</p>
<p>Week 7</p>	<p>Midterm Recess: Monday, October 13 to Sunday, October 19</p>	
<p>Week 8</p>	<p>Membranes & Aerobic Respiration and the Mitochondrion</p>	<p>Ch. 5</p>
<p>Week 9</p>	<p>Membranes & Aerobic Respiration and the Mitochondrion</p>	<p>Ch. 5</p>

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	ISBN: 9781119598169 (e-book) 9781119601302 (Book)	Cell and Molecular Biology: 9 th Edition	Gerald Karp John Wiley & Sons, Inc
	Other Supplies	Source	
	Avenue to Learn	e-book or Hard copy	
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Antirequisite(s)	None		
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<p>Departmental Policies</p>	<p>Students must maintain a GPA of 3.5/12 to continue in the program.</p> <p>In order to achieve the required learning objectives, on average, B.Tech. students can expect to do at least 3 hours of “out-of-class” work for every scheduled hour in class. “Out-of-class” work includes reading, research, assignments and preparation for tests and examinations.</p> <p>Where group work is indicated in the course outline, such collaborative work is mandatory.</p> <p>The use of cell phones, iPods, laptops and other personal electronic devices are prohibited from the classroom during the class time, unless the instructor makes an explicit exception.</p> <p>Announcements made in class or placed on Avenue are considered to have been communicated to all students including those individuals that are not in class.</p> <p>Instructor has the right to submit work to software to identify plagiarism.</p>	
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<p>Week 9</p>	<p>Membranes & Aerobic Respiration and the Mitochondrion</p>	<p>Ch. 5</p>

Week 10	Photosynthesis and the Chloroplast	Ch. 6
Week 11	Photosynthesis and the Chloroplast & Interactions Between Cells and their Environment	Ch. 6, 7
Week 12	Interactions Between Cells and their Environment & Term test 2	Ch. 7
Week 13	Cytoplasmic Membrane Systems: Structure, Function, and Membrane Trafficking	Ch.8
Week 14	Cytoplasmic Membrane Systems: Structure, Function, and Membrane Trafficking	Ch.8

Midterm Recess: Monday, October 13 to Sunday, October 19
 Test and Examination Restriction Period: Friday, November 28 to Thursday, December 4
 Classes end: Thursday, December 4
 Final examination period: Saturday, December 6 to Friday, December 19
 All examinations MUST be written during the scheduled examination period

List of experiments

Lab 1	Microscopy and Analysis of Cell Structure
Lab 2	Cell Culture
Lab 3	Isolation of Cell Organelles by Differential Centrifugation
Lab 4	Isolation of chloroplast from spinach leaves
Lab 5	Succinate Dehydrogenase Activity in Cauliflower Mitochondria
Lab 6	Lab test

Note that this structure represents a plan and is subject to adjustment term by term. The instructor and the University reserve the right to modify elements of the course during the term. The University may change the dates and deadlines for any or all courses in extreme circumstances. If either type of modification becomes necessary, reasonable notice and communication with the students will be given with explanation and the opportunity to comment on changes.

4. ASSESSMENT OF LEARNING *including dates*	Weight
Quizzes/(Presentation & Participation)	10
Mid-term test	30 (15x2)
Group Assignment/Tutorial/Presentation	10
Labs	25
Final examination (tests cumulative knowledge)	25
TOTAL	100%

Percentage grades will be converted to letter grades and grade points per the University calendar.

5. LEARNING OUTCOMES

1. Explain the cell concept which is the basic unit of life as compared to acellular or non cellular organisms; differentiate between the two major type of cells namely prokaryotic and eukaryotic.
2. Describe the differences between various structures of the cell and their function and how they interfere with their surrounding environment and performing their biological activity and the energy flow in the cell.
3. Know how the living cell performs the various biological activities such as metabolism, reproduction, respiration, and how the cells communicate with each other.
4. Apply cell biology laboratory techniques in the examination, recognition and classification of different cells and their organelles.

5. Employ the understanding of biological thermodynamics in the determination of structure of macromolecules and hence their activities.
6. Create links between macromolecular structure and their levels of expression in subcellular components and the latter's activities.
7. Understand the concept of the cytoskeleton as a structural motif that physically holds the cell together and how it allows the machinery of the cell to function.
8. Learn the role, regulation and mechanism of membrane trafficking at the cellular level by using a variety of approaches and see how vesicle formation, cargo sorting and fusion control the cell function.

6. COURSE OUTLINE – APPROVED ADVISORY STATEMENTS

ANTI-DISCRIMINATION

The Faculty of Engineering is concerned with ensuring an environment that is free of all discrimination. If there is a problem, individuals are reminded that they should contact the Department Chair, the Sexual Harassment Officer or the Human Rights Consultant, as soon as possible.

http://www.mcmaster.ca/policy/General/HR/Discrimination_Harassment_Sexual_Harassment-Prevention&Response.pdf

ACADEMIC INTEGRITY

You are expected to exhibit honesty and use ethical behaviour in all aspects of the learning process. Academic credentials you earn are rooted in principles of honesty and academic integrity. It is your responsibility to understand what constitutes academic dishonesty.

Academic dishonesty is to knowingly act or fail to act in a way that results or could result in unearned academic credit or advantage. This behaviour can result in serious consequences, e.g. the grade of zero on an assignment, loss of credit with a notation on the transcript (notation reads: "Grade of F assigned for academic dishonesty"), and/or suspension or expulsion from the university. For information on the various types of academic dishonesty please refer to the Academic Integrity Policy, located at <https://secretariat.mcmaster.ca/university-policies-procedures-guidelines/>

The following illustrates only three forms of academic dishonesty: The following illustrates only three forms of academic dishonesty:

- plagiarism, e.g. the submission of work that is not one's own or for which other credit has been obtained and use of AI generated work
- improper collaboration in group work
- copying or using unauthorized aids in tests and examinations.

AUTHENTICITY / PLAGIARISM DETECTION

The BIOTECH 2CB3 course use a web-based service (**Turnitin.com**) to reveal authenticity and ownership of student submitted work. For courses using such software, students will be expected to submit their work electronically either directly to Turnitin.com or via an online learning platform (e.g. A2L, etc.) using plagiarism detection (a service supported by Turnitin.com) so it can be checked for academic dishonesty.

Students who do not wish their work to be submitted through the plagiarism detection software must inform the Instructor before the assignment is due. No penalty will be assigned to a student who does not submit work to the plagiarism detection software. All submitted work is subject to normal verification that standards of academic integrity have been upheld (e.g., on-line search, other software, etc.). For more details about McMaster's use of Turnitin.com, please go to www.mcmaster.ca/academicintegrity.

COURSES WITH AN ON-LINE ELEMENT

Some courses may use on-line elements (e.g. e-mail, Avenue to Learn (A2L), LearnLink, web pages, capa, Moodle, ThinkingCap, etc.). Students should be aware that, when they access the electronic components of a course using these elements, private information such as first and last names, user names for the McMaster e-mail accounts, and program

**Teaching Commons
Workshop Evaluation**

Topic: Effective Strategies for Teaching in a Science Lab

Presenter(s) Uzma Nadeem

Date: September 11, 2017

Your Name (optional): _____

<i>Evaluation Questions</i>	Strongly Disagree	Disagree	Neutral	Agree	Strongly Agree
	1	2	3	4	5
1. The topics in this workshop are useful for my future reference					✓
2. This workshop has stimulated me to reflect on my teaching					✓
3. I will apply what I have learned from this workshop to my teaching					✓

How will you apply what you've learnt in your teaching?

I ^{will} use the how to grade/mark and engage students sections of the workshop to improve my own labs.

Aspect(s) of this workshop that I found most helpful:

The most helpful was the reminders of lab structure/procedure and effective tips for TAs

Aspect(s) of this workshop that need(s) improvement:

Nothing! I thought it was great!
Thank you Uzma I enjoyed this very much!

Other Comments:

Teaching Commons Workshop Evaluation

Topic: Effective Strategies for Teaching in a Science Lab

Presenter(s) Uzma Nadeem

Date: September 11, 2017

Your Name (optional): _____

<i>Evaluation Questions</i>	Strongly Disagree	Disagree	Neutral	Agree	Strongly Agree
	1	2	3	4	5
1. The topics in this workshop are useful for my future reference					✓
2. This workshop has stimulated me to reflect on my teaching					✓
3. I will apply what I have learned from this workshop to my teaching					✓

How will you apply what you've learnt in your teaching?

Use techniques outlined in this session to help improve student understanding + getting to know them.

Aspect(s) of this workshop that I found most helpful:

Assessment tips outlined for labs

Aspect(s) of this workshop that need(s) improvement:

good workshop (did not make me want to sleep :))

Other Comments:

APPENDIX: 9 Emails, evaluations and feedback from McMaster and York University

i) McMaster University

The screenshot shows an Outlook Web App interface. The left sidebar contains folders: Deleted Items (2), Drafts (42), Inbox (28), Junk E-Mail (5), and Sent Items. The main content area displays an email with the following details:

- Subject:** RE: Fall 2019 4-Year Program Course Evaluations
- From:** Sullivan, Sarah
- Sent:** January 14, 2020 3:49 PM
- To:** Nadeem, Uzma
- Content:** Hi Uzma, Thanks so much for the great work, your evaluation is great ☺ Cheers Amin
- From:** Sullivan, Sarah
- Sent:** January 14, 2020 3:33 PM
- To:** Nadeem, Uzma <nadeeu2@mcmaster.ca>
- Cc:** Rajabzadeh, Amin <rajaba@mcmaster.ca>
- Subject:** Fall 2019 4-Year Program Course Evaluations
- Content:** Good afternoon, Please see attached for your Fall 2019 4-Year Program Course Evaluations Kind regards, Sarah Sullivan Team Lead, Academic Programs W Booth School of Engineering Practice and Technology

ii) York University:

1/22/2017 https://mymail.yorku.ca/message-view.php?type=0&msg_id=162&msg_uid=162&folder_id=51158&folder_name=INBOX&charset=-1

From:	Paul Delaney <pdelaney@yorku.ca>
To:	unadeem@yorku.ca
Date:	Fri, Dec 19, 2014, 11:11
Subject:	Re: NATS 1690 A - T.A. Evaluation Feedback - Fall 2014
Attachments:	image.gif

Good morning Uzma

A wonderful evaluation! Students obviously felt your engagement was simply excellent.

Many thanks for your efforts on behalf of the students in the Division of Natural Science. Well done.

Cheers

On 12/18/2014 4:24 PM, Janaki De Camillis wrote:

Hi Uzma,

Please find attached the results from your T.A. evaluations along with the questionnaire.

cheers,

Janaki

Janaki De Camillis
Department of Science & Technology Studies and Division of Natural Science
Faculty Secretary,
Faculty of Science, York University
218 Belhune, 4700 Keele St.
Toronto, ON, M3J 1P3
416-736-5021

iii) Teaching Commons:

New Science graduate students engaging with the Teaching Commons workshops

Natasha May to unadeem@yorku.ca, "Theresa Beesley" <tbeesley@yorku.ca>... (15:31)[Show details](#)
From: "Natasha May" <maynat@yorku.ca> [Hide details](#)To: unadeem@yorku.caCC: "Theresa Beesley" <tbeesley@yorku.ca>, "Mandy Frake-Mistak" <mfmistak@yorku.ca>, "Celia Popovic" <cpopovic@yorku.ca>Date: Thu, Mar 3, 2016, 15:31[Switch to Plain Text View](#)
Hi Uzma,

I just thought you might like to know that a couple of Science TAs that you engaged with your workshop last Friday have registered for and have attended more workshops at the Teaching Commons. So, your efforts in encouraging them to engage with teaching and learning via the Teaching Commons workshops has been successful. Thank you so much for all of the hard work you have done to reach out to engage your peers. Your success is so exciting! Way to go.

Natasha

Natasha May • Educational Developer
Teaching Commons

Re: New Science graduate students engaging with the Teaching Commons workshops

Celia Popovic to "Natasha May" <maynat@yorku.ca>... (15:26)[Show details](#)
From: "Celia Popovic" <cpopovic@yorku.ca> [Hide details](#)To: "Natasha May" <maynat@yorku.ca>CC: "Mandy Frake-Mistak" <mfmistak@yorku.ca>, "Theresa Beesley" <tbeesley@yorku.ca>, unadeem@yorku.caDate: Thu, Mar 3, 2016, 15:26[Switch to Plain Text View](#)
Wonderful news! Thank you Uzma!

Celia

Celia Popovic • Director
Teaching Commons

Evidence by student’s comments

Below are some comments I received on my evaluations over four year of teaching at York University. All original papers can be found in appendices.

i) Bio1000/1001 (2011-2012)

My TA was well prepared for the lab	Excellent
My TA appears knowledgeable about the subject material	Excellent
My TA is approachable; I feel comfortable asking questions	
My TA clearly communicates the expectations for lab assignments	Very Good
My TA grades assignments fairly	Good
My TA provides helpful feedback on students' work	Fair
My TA is helpful outside of class/labor during office hours	Good
My TA treats students fairly and with respect	Excellent
My TA is concerned about students' learning	Good

ii) NATS 1690-F/W

The questionnaire of NATS is given below.

1. Showed interest in students and their questions.
2. Communicates clearly instruction and explanations
3. Clarified complex material.
4. Clearly presented ideas.
5. Presented the material at a reasonable pace.
6. Facilitated group activities
7. Demonstrated lab skills effectively
8. Was approachable for questions.
9. Returned assignments on time.

Some of the comments I received from students over period of time are:

2012-2013 comments

- You are awesome!
- Your excellent. Have a nice life.
- Amazing T.A., really knows her stuff! Glad to be taught by her and really helpful as well.
- Very good T.A., very informal and concerned about the understanding of students, made sure we understood.
- She was an amazing lab teacher!
- She was a great T.A! :)
- Your great :)
- Enjoyed her teaching.
- Thank-you!
- Made labs fun :)
- Amazing lab leader!

2013-2014 comments

Uzma is an extremely kind, pleasant and knowledgeable person and a wonderful TA. She is always very helpful and made labs a fun experience.

Thanks

By far the best TA I've had

She was a very nice and kind hearted person who cared to teach us and make sure we understand. Very rare to find

You're the BEST!

2014-2015 comments



Full Survey Instructor Report (Winter 2024) for BIOTECH 4GP3 L02 - Genomics And Proteomics (Uzma Nadeem)

Project Title: **Winter 2024**

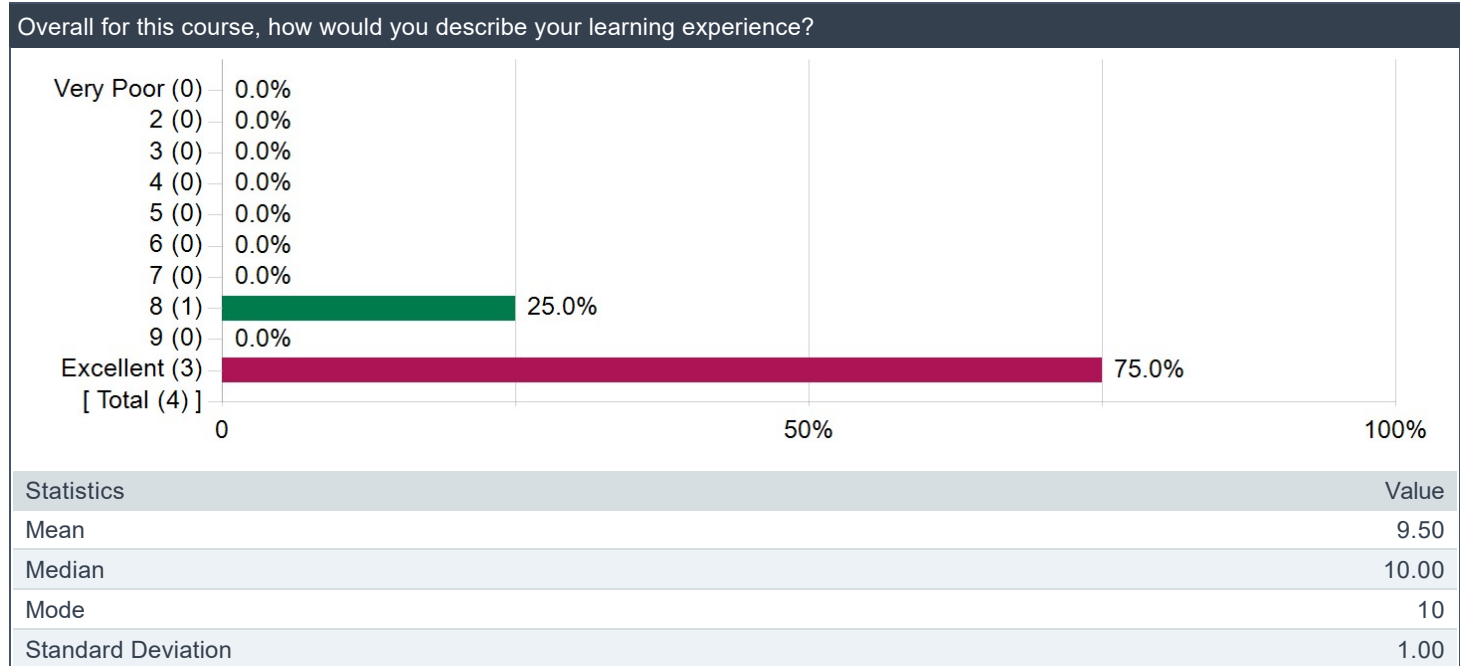
Courses Audience: **19**
Responses Received: **4**
Response Ratio: **21.1%**

Report Comments

McMaster Handling of personal information policy.

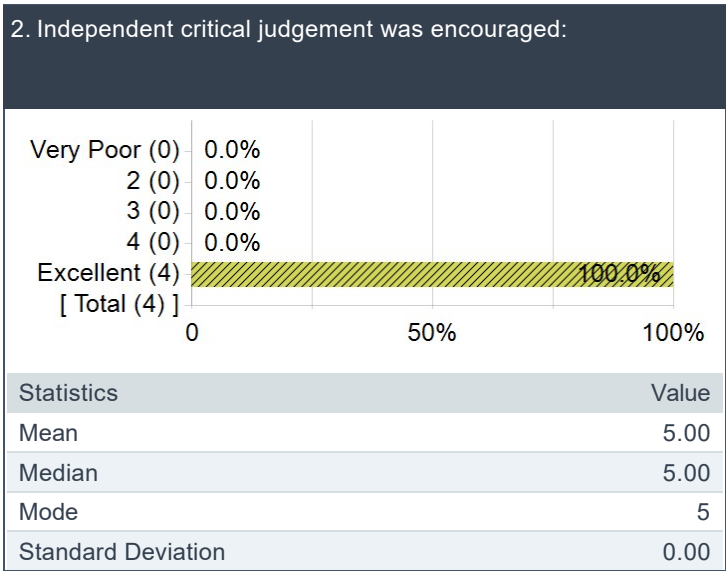
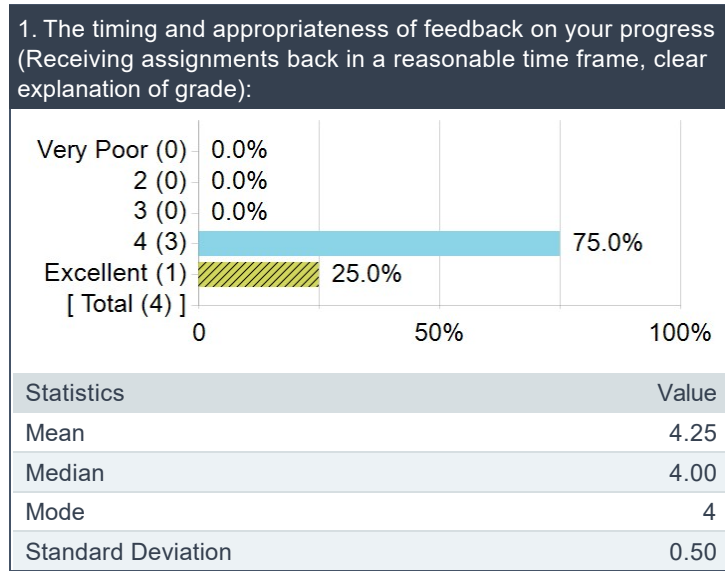
<https://secretariat.mcmaster.ca/app/uploads/2018/11/handling-of-personal-information-policy.pdf>

Creation Date: **Monday, May 6, 2024**



Please rate the following:

Competency Statistics	Value
Mean	4.83
Median	5.00
Mode	5
Standard Deviation	0.38



<p>3. Overall, how do you rate the value of this course compared with others you have taken at McMaster?</p>	<p>4. The organization of this course (Progression of learning material, resource availability, professor was timely and prepared):</p>																								
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Please list aspects of this course that you found valuable and should be continued:

Comments
Explain really detailed and very patient with student
The lab instructor always made sure to value explaining the reasoning behind what we do in the labs rather than going through the steps. This helped with a practical understanding that I have only ever truly experienced in this instructor's labs. These labs were always so enjoyable and I learned the most thanks to the instructor's assistance!
Professor was very approachable and welcomed questions

Please list aspects of this course that might be improved:

Comments
not applicable
Laboratory tools to be functioning properly.

Additional comments:

Comments

Thank you so much to Uzma Nadeem for providing a wonderful experience in this lab. I wish I could have her as a lab instructor again and I'm so grateful for the opportunity to have her for both cell biology and genomics/proteomics. She cares so much about making sure students understand what they are doing and is always so friendly. I would 11/10 recommend everyone experience a course with her either as the professor or lab instructor. Her labs provided me with the opportunity to take notes that I can use in the future and her analogies to simplify concepts were always greatly appreciated. Thank you!



Full Survey Instructor Report (Fall 2023) for BIOTECH 2CB3 C01 - Cell Biology (Uzma Nadeem)

Project Title: **Fall 2023**

Courses Audience: **43**

Responses Received: **15**

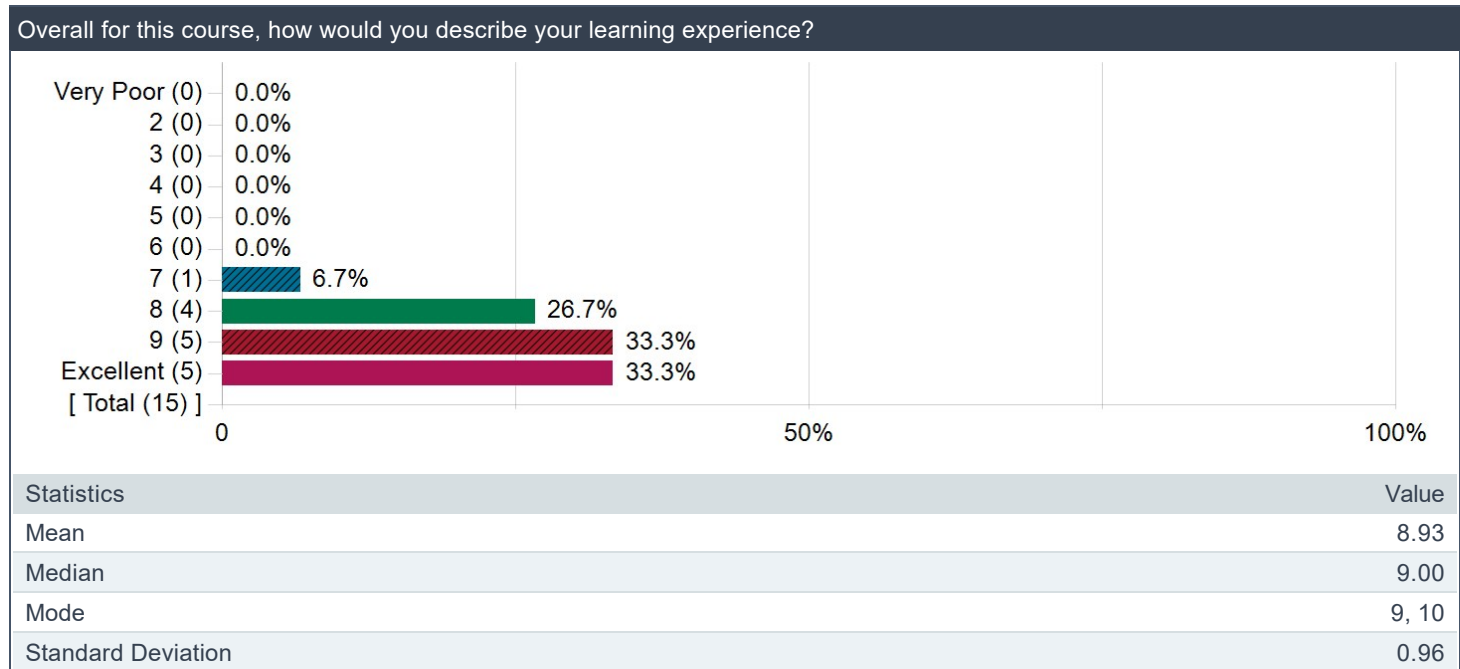
Response Ratio: **34.9%**

Report Comments

McMaster Handling of personal information policy.

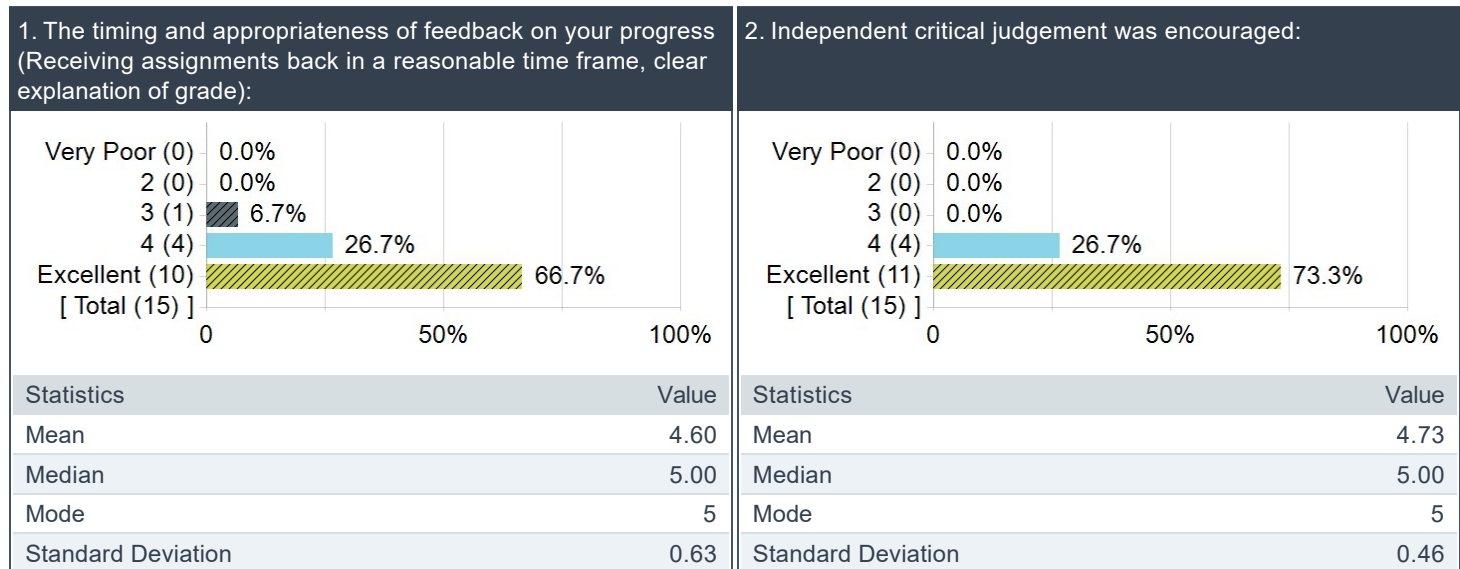
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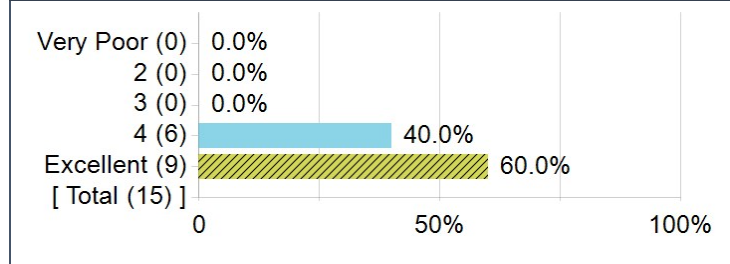
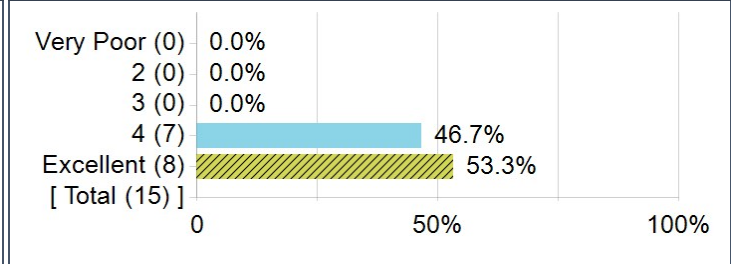
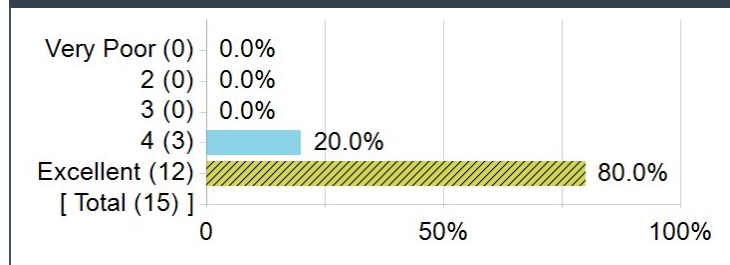
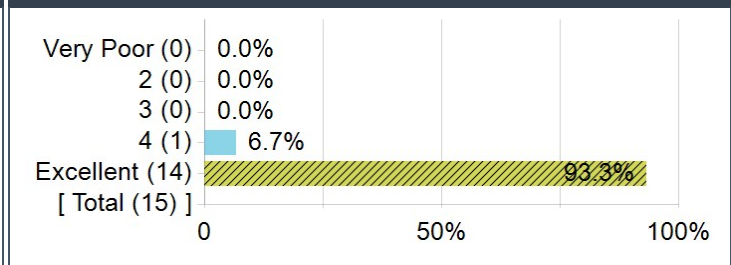
Creation Date: **Friday, January 5, 2024**



Please rate the following:

Competency Statistics	Value
Mean	4.70
Median	5.00
Mode	5
Standard Deviation	0.48



<p>3. Overall, how do you rate the value of this course compared with others you have taken at McMaster?</p>	<p>4. The organization of this course (Progression of learning material, resource availability, professor was timely and prepared):</p>																																										
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<table border="1"> <thead> <tr> <th>Statistics</th> <th>Value</th> </tr> </thead> <tbody> <tr> <td>Mean</td> <td>4.80</td> </tr> <tr> <td>Median</td> <td>5.00</td> </tr> <tr> <td>Mode</td> <td>5</td> </tr> <tr> <td>Standard Deviation</td> <td>0.41</td> </tr> </tbody> </table>	Statistics	Value	Mean	4.80	Median	5.00	Mode	5	Standard Deviation	0.41	<table border="1"> <thead> <tr> <th>Statistics</th> <th>Value</th> </tr> </thead> <tbody> <tr> <td>Mean</td> <td>4.93</td> </tr> <tr> <td>Median</td> <td>5.00</td> </tr> <tr> <td>Mode</td> <td>5</td> </tr> <tr> <td>Standard Deviation</td> <td>0.26</td> </tr> </tbody> </table>	Statistics	Value	Mean	4.93	Median	5.00	Mode	5	Standard Deviation	0.26																						
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Standard Deviation	0.26																																										

Please list aspects of this course that you found valuable and should be continued:

Comments
Cleared and detailed explanation on foreign topics, group assignments for every chapter.
Mandatory allowed for a more enriched learning experience with a slight incentive, this could prove very useful for encouraging students to come and participate
prof very helpful in lab session, eager to answer questions, helpful with giving feedback and advice on labs
Professor records lecture so you can go back and see what was said.
Assignments were great! Professor explained questions.
Professor Nadeem's energy and passion for cell biology was palpable and she made the course very engaging and exciting. I found myself excited to learn in her class everyday.
Professor was wonderful; she connects topics to real world applications and is passionate about the subject. Weekly quizzes and group assignments were good for preventing students from falling behind.
* Midterm test level wonderful and the addition of group tests is amazing and well needed.
Our professor Dr. Uzma Nadeem started a kind of group exam, which is really helpful, especially for students like me who have poor understanding when studying alone.
Professor took feedback very well, tried to hear from students at all opportunities, trying to cater their teaching style to students.
Added questions and review for each of the slides so that we could apply learning during lecture time, and see how we were doing at intermittent times.
Group exams and in class activities boosted me a lot !
The group exams as they help to develop group thinking and interpersonal skills
Group activities and groups tests

Please list aspects of this course that might be improved:

Comments
Sometimes the explanation can be repetitive.
Maybe keeping the slides updated. Sometimes she would have extra or missing slides. I download the slides ONCE at the start of each chapter and insert them into my one note, the software isn't ideal for redownloading and inserting. So she should review the slides before starting each chapter and decide what she wants to include or exclude.
The sheer quantity of content to learn is daunting and a bit overwhelming, perhaps the course structure could be reviewed?
Course is very information dense.
can't really improve it; just very informationally dense.
add practice quizzes that aren't marked, just allow the students to prepare for the kind of questions that are going to be asked.
everything is perfect
better feedback on labs and quizzes

Additional comments:

Comments
professor was extremely helpful and responsive to every situation and question
This class was super interesting!
Professor is clearly passionate about the subject and it makes the class more enjoyable overall :)
This is an additional comment for Dr. Uzma Nadeem. I think she's awesome for she has fully understanding regarding students, and she applies this throughout all her lectures, which makes studying less difficult.
Prof really sweet

Full Report

Evaluation for 2020 - Term 1 (Fall)

Course Code	Instructor	Response Rate (Respondants/Enrolled)
BIOTECH 2CB3 (C01)	Nadeem, Uzma	63.93% (39/61)

1. Overall for this course, how would you describe your learning experience?

(Scale: 1 Very Poor to 10 Excellent)

23 Students (58.97%) said: 10

9 Students (23.08%) said: 9

3 Students (7.69%) said: 7

2 Students (5.13%) said: 6

1 Students (2.56%) said: 5

1 Students (2.56%) said: 8

Median: 10.00	Mean: 9.15	StDev: 1.3483	Variance: 1.8178	Not Responded: 0
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2. The timing and appropriateness of feedback on your progress:

Receiving assignments back in a reasonable time frame, clear explanation of grade

(Scale: 1 Very Poor to 5 Excellent)

28 Students (71.79%) said: 5

8 Students (20.51%) said: 4

3 Students (7.69%) said: 3

Median: 5.00	Mean: 4.64	StDev: 0.6277	Variance: 0.3941	Not Responded: 0
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3. Independent critical judgement was encouraged:

(Scale: 1 Very Poor to 5 Excellent)

25 Students (64.10%) said: 5

11 Students (28.21%) said: 4

2 Students (5.13%) said: 3

Median: 5.00	Mean: 4.61	StDev: 0.9605	Variance: 0.9225	Not Responded: 1
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4. OVERALL, how do you rate the value of this course compared with others you have taken at McMaster?

(Scale: 1 Very Poor to 5 Excellent)

29 Students (74.36%) said: 5

8 Students (20.51%) said: 4

1 Students (2.56%) said: 3

1 Students (2.56%) said: 2

Median: 5.00	Mean: 4.67	StDev: 0.6623	Variance: 0.4386	Not Responded: 0
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5. The organization of this course:

Progression of learning material, resource availability, professor was timely and prepared

(Scale: 1 Very Poor to 5 Excellent)

29 Students (74.36%) said: 5

7 Students (17.95%) said: 4

3 Students (7.69%) said: 3

Median: 5.00	Mean: 4.67	StDev: 0.6213	Variance: 0.3860	Not Responded: 0
--------------	------------	---------------	------------------	------------------

6. The instructor's response to students:

Approachability, attitude, availability, well-explained answers

(Scale: 1 Very Poor to 5 Excellent)

35 Students (89.74%) said: 5

4 Students (10.26%) said: 4

Median: 5.00	Mean: 4.90	StDev: 0.3074	Variance: 0.0945	Not Responded: 0
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7. The coverage and fairness of tests:

Material coverage, mark distribution, difficulty level

(Scale: 1 Very Poor to 5 Excellent)

32 Students (82.05%) said: 5

5 Students (12.82%) said: 4

2 Students (5.13%) said: 3

Median: 5.00	Mean: 4.77	StDev: 0.5361	Variance: 0.2874	Not Responded: 0
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8. Please comment on the quality of the TA's in this course:

- Excellent!
- Not sure if there was a TA in this course
- No comment, did not hear from them.
- There were no TA's for this course
- n/a
- No HAs that I know of.
- N/A
- Marking was excellent and fair
- Did not have any interactions with TAs
- No TA for the course
- no TA
- No experience working with the TAs so I am unsure
- No issues, I felt everything was graded on time and fairly with feedback
- N/A
- n/a
- Did not interact with the TA's in the course
- I did not encounter a TA

- The TA has been good I think since the marks are out relatively fast, but for some of the assignments/labs, it took a while for the mark to go out.
- No TA's. Prof did everything and was still timely in responses.
- no TA
- Did not know any TAs

9. Please list aspects of this course that you found valuable and should be continued:

- The prof is probably the best thing for this course
- extra examples, weekly quizzes, etc.
- The lecture notes and the professor had a large amount of knowledge which she shared and explained well not just reading from the slides, the professor prepared us well for evaluations with her resources and review.
- I like that the marks were distributed amongst quizzes and assignments on top of labs, midterms and the final exam. Having group assignments was also a nice way to reinforce the material.
- All topics were well explained, and the notes accompanying them were very helpful
- having the recorded lectures and chapter summaries along with the slides were very helpful
- The in-depth explanations of topics and the review of the last class materials in most classes were very helpful! She did review classes as well which were very helpful, her short answer questions and multiple choice check-ins every couple of slides were also very helpful. She also did her best to show us experiments and how things work despite the online format.
- The professor was very encouraging and motivating. She wanted everyone to succeed and provided all types of resources available to do so. Some of these include lecture slides, lecture recordings, midterm practice/prep, office hours, additional lecture notes, assignment reviews and more. Through all of these it was clear Dr.Uzma was doing her best and providing amazing resources to see her students prosper.
- I liked how she included her own experiences working in a lab and her research to help us grasp concepts. I like the group assignments as well, they helped in applying our knowledge and cementing our understanding of concepts.
- Professor was incredibly helpful and kind, making this one of the best lectures to attend as she was always very informative and made the class fun to experience. It was always easy to reach out for help and clarification whenever needed and her lectures were very well organized with diagrams and lots of information without being overwhelming. She never read directly off the slides and would always add additional information in lectures and expand on the content, making the class interesting and lively.
- Course content was very intriguing and beneficial for me. This will be very useful for me in the future
- Review sessions and extra notes
- I thought some of the simulations and lab reports were valuable
- I really like how she provided review slides of topics that were a little more confusing, she broke them down into something manageable.
- Dr. Uzma always tried her best to make us understand the concept. she did experiments in her house just so we can see how the real life situation of something would look like.
- I like how the prof adds a lot of material in the lectures that are not in the slides. I feel like it really connected with a lot of information in the slides and made it really relatable; the pace was engaging as well
- The content of this course is great and the professor is also great!
- Having quizzes and assignments every week helped me stay on top of the material so I would not fall behind during class. Lecture slides have a lot of diagrams and examples which makes the content easier to study and compare.

- The recorded lectures were helpful.
- The additional notes to further explain the concepts of the lectures are extremely helpful. The short videos that were occasionally provided in lectures were also very helpful.
- None that stands out.
- Overall, the course is great, the lecture slides/notes are really helpful. So I think the lecture slides and notes should be continued.
- The labs were really good this semester and the the quizzes along with assignments were good too. They helped teach difficult topics.
- good teaching
- pacing slide shows quizzes avenue organization

10. Please list aspects of this course that might be improved:

- the course material is extremely large making it hard to study for mid terms maybe there can be more then 2 mid terms to break up the material.
- Nothing to improve! It was planned very well
- Engagement is crucial when it comes to online classes, so different elements to improve student engagement could be useful, such as case studies and discussion periods during class
- the group assignments would have been more beneficial for retention if they had been individual assignments
- Honestly, this course was amazing there is nothing I see that would need improvement
- Do not use Hayden-Mcneil for online labs. Course not programmed well and is extremely buggy.
- I personally do not think there is anything to improve in this course.
- It would be helpful if there were in class assignments that we could do as a class to go over main concepts before a midterm. (essentially a review)
- Thermodynamics unit didn't seem very connected to the rest of the course. This unit seemed odd as it didn't really fit under the cell bio course name.
- If online again, maybe use a different simulation software, hayden mcneil was not the most useful when it came to putting the knowledge into practice
- -The virtual simulation platform was very buggy and hard to work with. I wouldn't want to work on this platform again.
- There is nothing that needs to have been improved, nadeem did an excellent job
- Organization and making the lecture notes easier to read. I found it very difficult to read the supplementary notes provided
- I found that the course moved way too quickly to keep up and we went very deep into detail about too many things that I feel like I've hardly learned anything. It would've been nice if we spent more time with each topic to have more time to understand it.
- If the recorded lectures could be posted with the option to speed up the lecture that would be very helpful. Sometimes it was difficult to concentrate in the two hour lectures, if we solved more in class questions or did more in class assignments that would help students concentrate in class.
- Nothing to add
- Slides are quite messy and hard to follow, and are packed with information.
- Since it is a biology course, I think I would appreciate it if the course is slower in pace since I need to understand and memorize more materials. Other than this, the course is fine.
- Nothing.
- idk no complains come to mind.

11. Additional comments:

- The instructor is one of the bests.
- was a good well run class
- The lecture slides were made very well with lots of visuals, only thing is the professor would

sometimes not have the lecture slides uploaded to Avenue before the lecture period on that module which wasn't too convenient.

- I enjoyed the class!
- Professor Nadeem was always very helpful and focused on class success and understanding which I appreciated
- Online labs are difficult to make interesting.
- An amazing professor who stood out due to her dedication and attempts to help her students understanding of the course material. Was very clear through her actions that she was always trying to improve and help in any way she could.
- I loved your class this semester Miss ! I wish you all the best and hope to see you again !!
- This course has been the perfect course and does not need improvements.
- Hopefully she is my prof in the future again for other courses.
- Despite the poor program I thought the content was good especially when the instructor clarified using slides and explanation.
- Nadeem was a very kind, understanding, hardworking, and overall excellent professor. If I had a chance to learn under her again, I would jump at it. She really knew how to progress topics, which ones needed more time and which didnt.
- Thanks, Prof, it's been a great course. Hope to see you sometime in the future
- I really enjoyed attending your lectures and will miss your lectures dearly.
- None
- Thank you for a great semester miss! Have a good one!
- Uzma was a great prof. She cares and wants to see students succeed. She would often do above and beyond to create lecture notes and review slides for us. Also she tried very hard for us, and I appreciate it.

APPENDIX 10: Feedback from Northeastern University (2024)

Foundations in Biotechnology (Fall 2024)

Instructor: **Nadeem, Uzma**

Section: **13**

Course Title: **Foundations in Biotechnology**

Course ID: **17445**

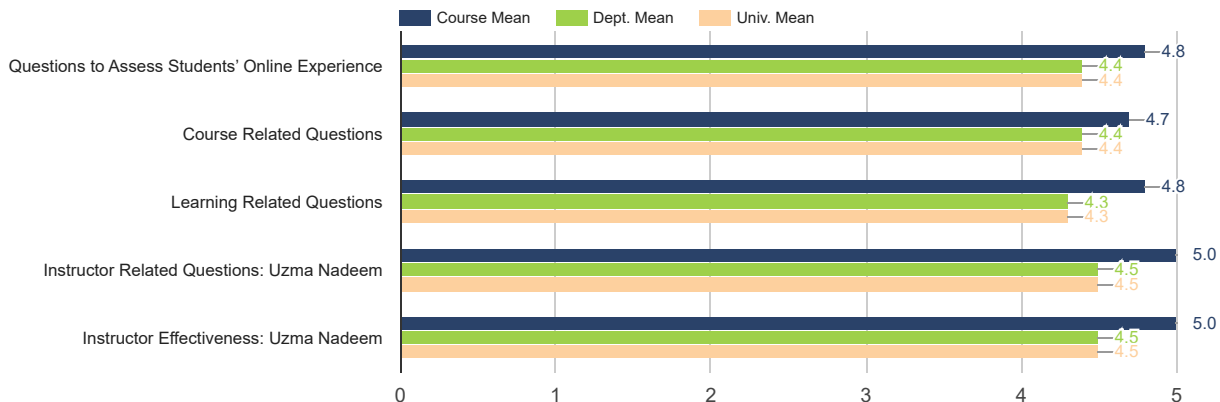
Objectives:

Enrollment: **16**

Responses Incl Declines: **11**

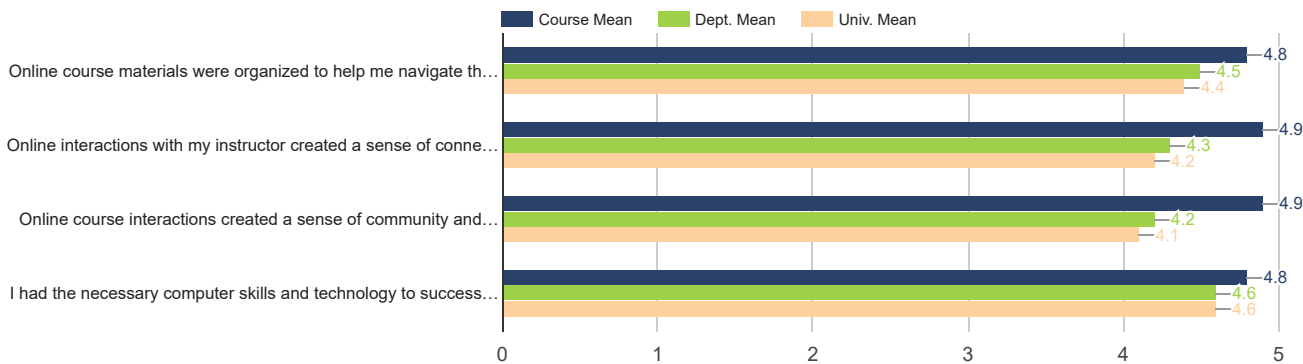
Declines: **0**

Category Summary



Category	Number of Responses	Response Rate	Mean	Dept. Mean	Univ. Mean	Median	Dept. Median	Univ. Median	STDEV
Questions to Assess Students' Online Experience	40	62.5%	4.8	4.4	4.4	5.0	5.0	5.0	0.4
Course Related Questions	22	68.8%	4.7	4.4	4.4	5.0	5.0	5.0	0.6
Learning Related Questions	44	68.8%	4.8	4.3	4.3	5.0	5.0	5.0	0.5
Instructor Related Questions: Uzma Nadeem	88	68.8%	5.0	4.5	4.5	5.0	5.0	5.0	0.2
Instructor Effectiveness: Uzma Nadeem	11	68.8%	5.0	4.5	4.5	5.0	5.0	5.0	0.0

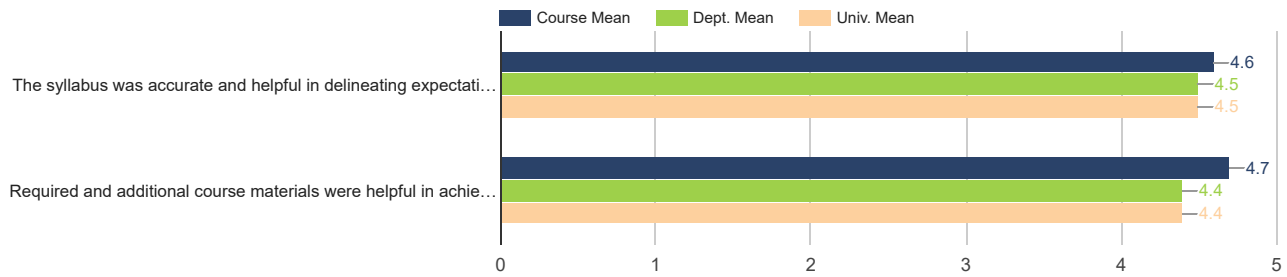
Questions to Assess Students' Online Experience



Question	Number of Responses	Response Rate	Course Mean	Dept. Mean	Univ. Mean	Course Median	Dept. Median	Univ. Median
Online course materials were organized to help me navigate through the course week by week.	10	62%	4.8	4.5	4.4	5.0	5.0	5.0
Online interactions with my instructor created a sense of connection in the virtual classroom.	10	62%	4.9	4.3	4.2	5.0	5.0	5.0
Online course interactions created a sense of community and connection to my classmates.	10	62%	4.9	4.2	4.1	5.0	5.0	4.0
I had the necessary computer skills and technology to successfully complete the course.	10	62%	4.8	4.6	4.6	5.0	5.0	5.0

Note: 5:Strongly Agree; 4:Agree; 3:Neutral; 2:Disagree; 1:Strongly Disagree; -1:N/A;

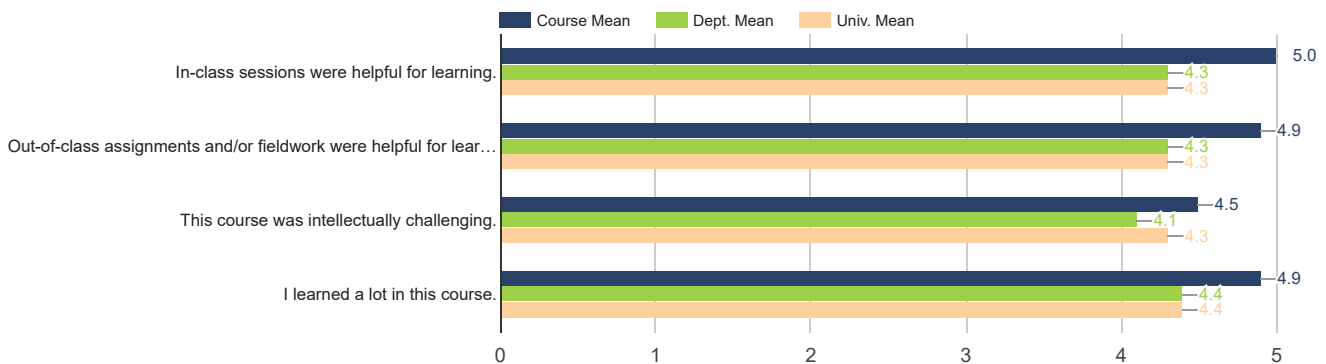
Course Related Questions



Question	Number of Responses	Response Rate	Course Mean	Dept. Mean	Univ. Mean	Course Median	Dept. Median	Univ. Median
The syllabus was accurate and helpful in delineating expectations and course outcomes.	11	68%	4.6	4.5	4.5	5.0	5.0	5.0
Required and additional course materials were helpful in achieving course outcomes.	11	68%	4.7	4.4	4.4	5.0	5.0	5.0

Note: 5:Strongly Agree; 4:Agree; 3:Neutral; 2:Disagree; 1:Strongly Disagree;

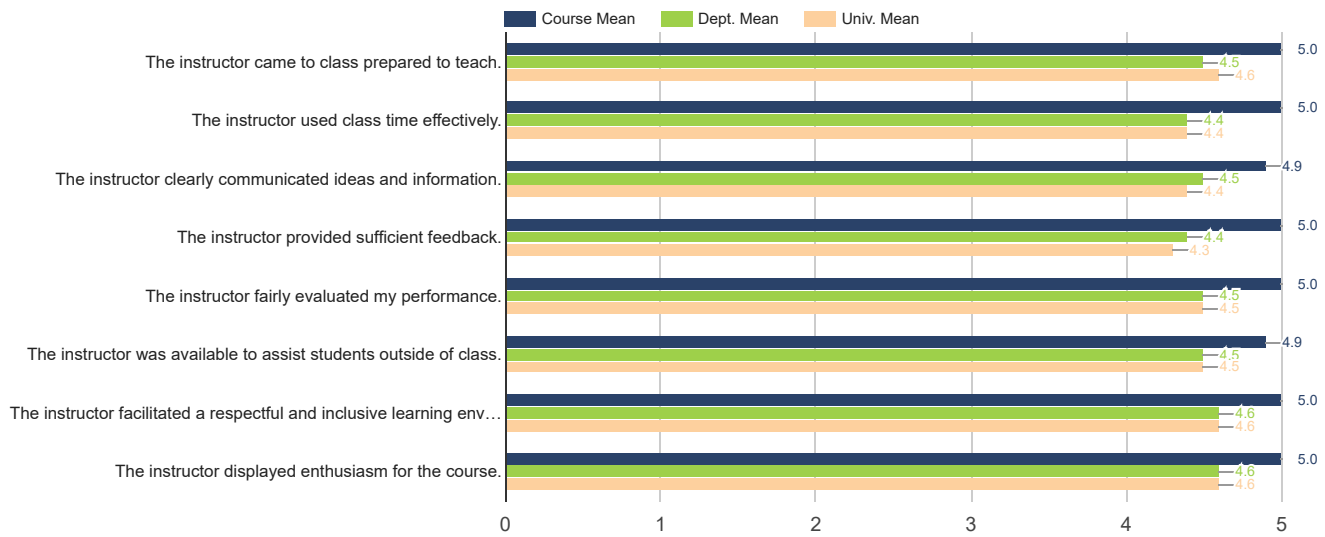
Learning Related Questions



Question	Number of Responses	Response Rate	Course Mean	Dept. Mean	Univ. Mean	Course Median	Dept. Median	Univ. Median
In-class sessions were helpful for learning.	11	68%	5.0	4.3	4.3	5.0	5.0	5.0
Out-of-class assignments and/or fieldwork were helpful for learning.	11	68%	4.9	4.3	4.3	5.0	5.0	5.0
This course was intellectually challenging.	11	68%	4.5	4.1	4.3	5.0	5.0	5.0
I learned a lot in this course.	11	68%	4.9	4.4	4.4	5.0	5.0	5.0

Note: 5:Strongly Agree; 4:Agree; 3:Neutral; 2:Disagree; 1:Strongly Disagree;

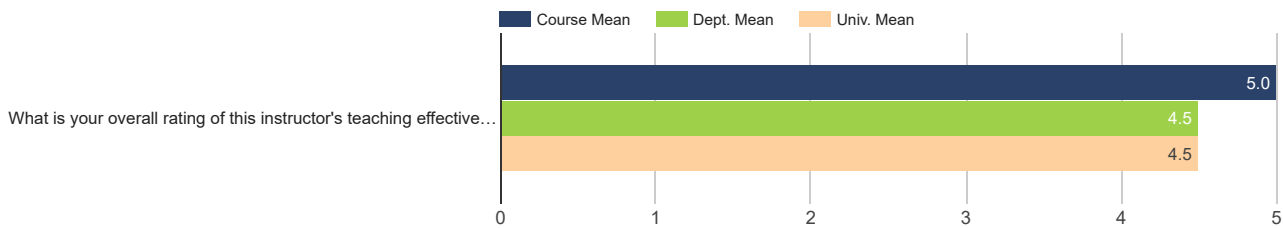
Instructor Related Questions: Uzma Nadeem



Question	Number of Responses	Response Rate	Course Mean	Dept. Mean	Univ. Mean	Course Median	Dept. Median	Univ. Median
The instructor came to class prepared to teach.	11	68%	5.0	4.5	4.6	5.0	5.0	5.0
The instructor used class time effectively.	11	68%	5.0	4.4	4.4	5.0	5.0	5.0
The instructor clearly communicated ideas and information.	11	68%	4.9	4.5	4.4	5.0	5.0	5.0
The instructor provided sufficient feedback.	11	68%	5.0	4.4	4.3	5.0	5.0	5.0
The instructor fairly evaluated my performance.	11	68%	5.0	4.5	4.5	5.0	5.0	5.0
The instructor was available to assist students outside of class.	11	68%	4.9	4.5	4.5	5.0	5.0	5.0
The instructor facilitated a respectful and inclusive learning environment.	11	68%	5.0	4.6	4.6	5.0	5.0	5.0
The instructor displayed enthusiasm for the course.	11	68%	5.0	4.6	4.6	5.0	5.0	5.0

Note: 5:Strongly Agree; 4:Agree; 3:Neutral; 2:Disagree; 1:Strongly Disagree;

Instructor Effectiveness: Uzma Nadeem



Question	Number of Responses	Response Rate	Course Mean	Dept. Mean	Univ. Mean	Course Median	Dept. Median	Univ. Median
What is your overall rating of this instructor's teaching effectiveness?	11	68%	5.0	4.5	4.5	5.0	5.0	5.0

Note: 5:Almost Always Effective; 4:Usually Effective; 3:Sometimes Effective; 2:Rarely Effective; 1:Never Effective;

Demographics - Select One

Instructor Related Questions: Uzma Nadeem (22 comments)

Q: What were the strengths of this course and/or this instructor?

- 1 The instructor always related course content to industry experience making it more practical to understand
- 2 she is great
- 3 She is respectful, friendly, knowledgeable and good at her job.
- 4 Very hardworking and inspiring professor
- 5 the instructors always taught us giving her experiences, examples and notes which make the concepts easy to understand.
- 6 She is well versed in her teaching and really and intellectual. This course is quite challenging but she explained concepts and mechanisms with simplicity. She went the extra mile to bring learning items to class so we could have a feel of those items and how they are used in the laboratory. She is so welcoming and down to earth.
- 7 Instructor was always on time and willing to go the extra mile to allow students understand the content of the course
- 8 Uzma Nadeem is an amazing professor. She did more than her best to teach and to make us happy when we attended her class. She dedicated most of her time to ensuring that we were satisfied with her teaching style. Her follow-up with each student was amazing. I would like her to teach me again in any future course.
- 9 The course was well-structured, intellectually engaging, and enriched with real-world applications. Uzma Nadeem's knowledge, clarity of instruction, and approachable demeanor were standout qualities.

Q: What could the instructor do to make this course better?

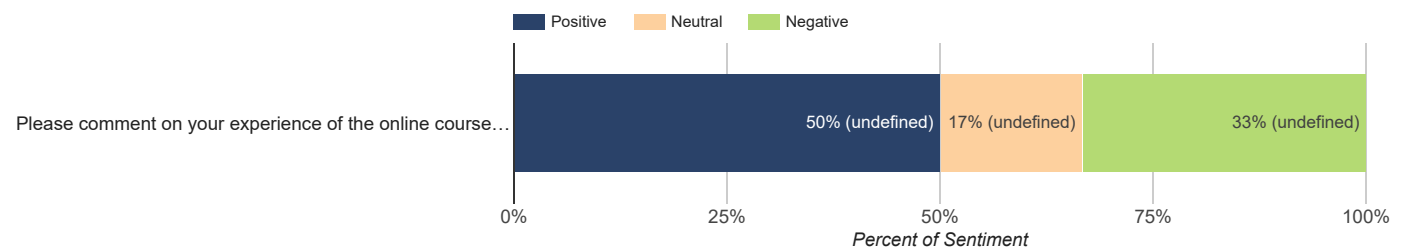
- 1 The instructor did everything to the best of ability
- 2 she already added enough to make things better with sharing her own experiences
- 3 There are a lot of important topics in just one module because of which we have to rush through the topic and they actually needed time and details to understand better.
- 4 she has done great job in teaching this subject.
- 5 If more videos about the topics concepts could be added, it will make some of the concepts easier to imbibe
- 6 As I mentioned before she is amazing.
The material in this course is so heavy. She did her best to make it easy for us.
- 7 The course is already excellent.

Q: Please expand on the instructor's strengths and/or areas for improvement in facilitating inclusive learning.

- 1 Strengths include good communication, good student-teacher relation, availability outside the classroom, well organized and good efforts to make students understand the course.
- 2 she is well aware of what is she teaching even she love teaching according to me
- 3 none
- 4 Superb teaching style
Detailed explanation of module concepts and going the extra mile to simplify things
- 5 Nothing to add for Uzma Nadeem.
- 6 Uzma Nadeem is an outstanding instructor who simplifies complex topics, demonstrates deep subject knowledge, and fosters an inclusive, engaging, and supportive learning environment. Her teaching approach is already exemplary, and there are no areas needing improvement.

Questions to Assess Students' Online Experience (6 comments)

Q: Please comment on your experience of the online course environment in the open-ended text box.



Project Title: **Fall 2025**

Courses Audience: **42**

Responses Received: **18**

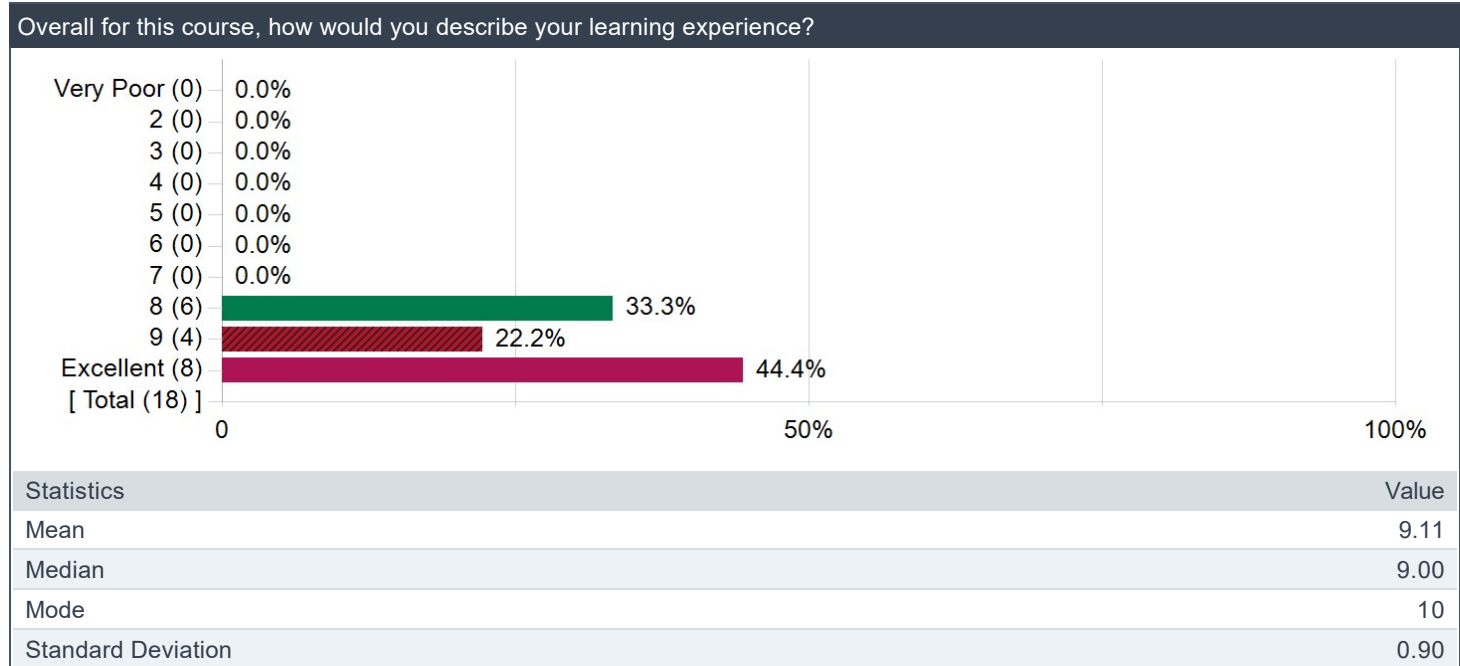
Response Ratio: **42.9%**

Report Comments

McMaster Handling of personal information policy.

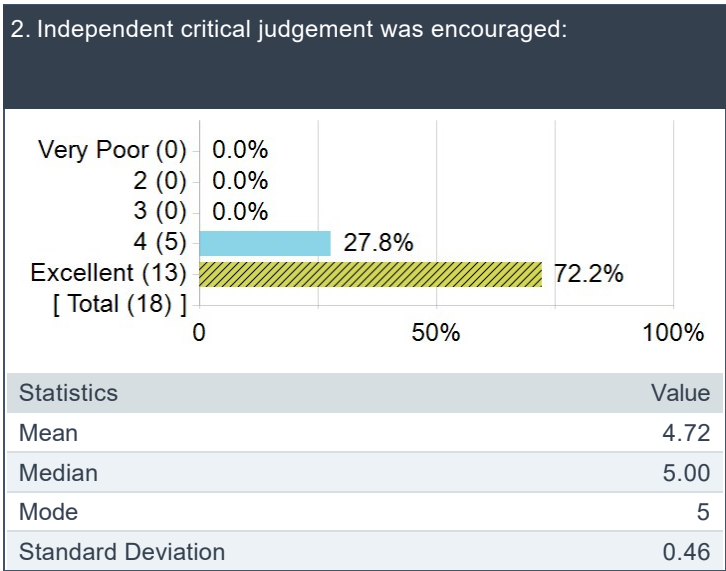
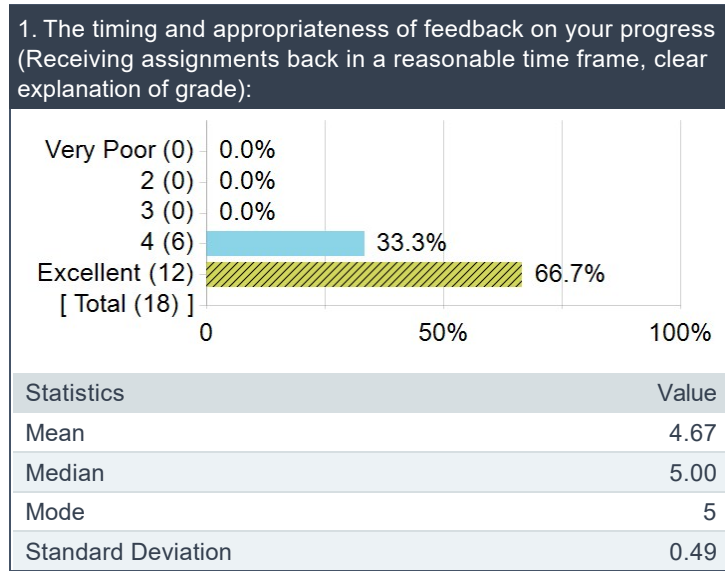
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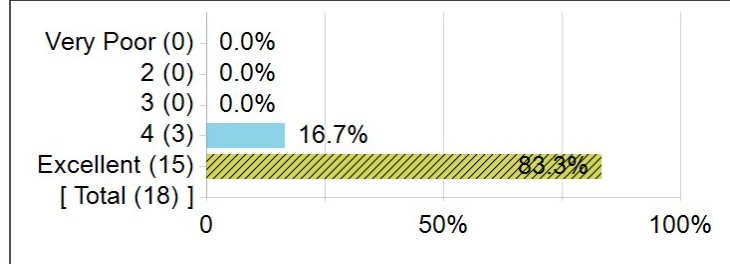
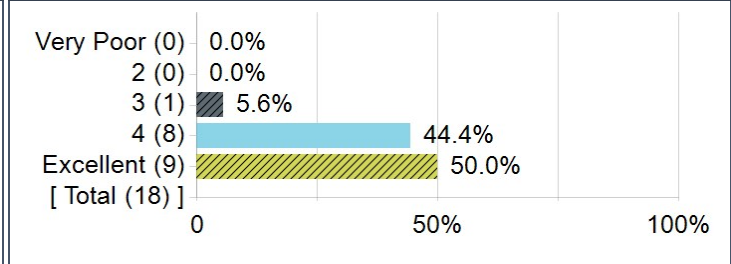
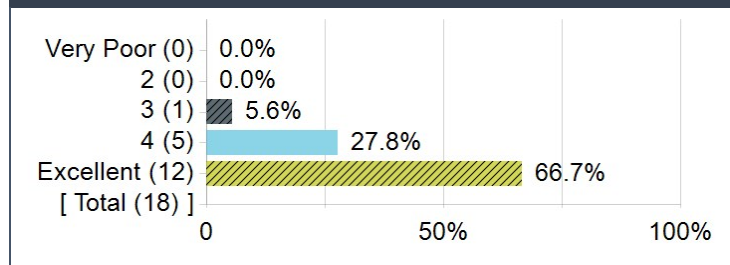
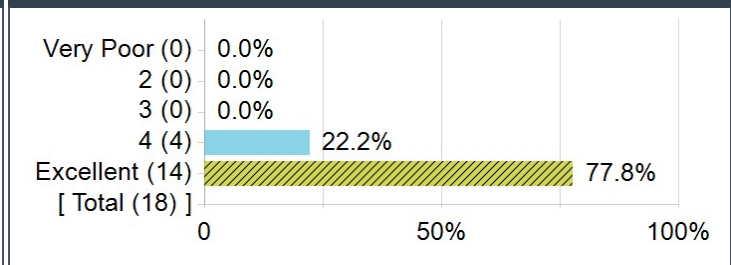
APPENDIX 11



Please rate the following:

Competency Statistics	Value
Mean	4.68
Median	5.00
Mode	5
Standard Deviation	0.51



<p>3. Overall, how do you rate the value of this course compared with others you have taken at McMaster?</p>	<p>4. The organization of this course (Progression of learning material, resource availability, professor was timely and prepared):</p>																																										
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Please list aspects of this course that you found valuable and should be continued:

Comments
The midterm review slides were very helpful, as well as the in-person review. The open discussions in class were very beneficial, as well as the recording made to accommodate us when we had upcoming midterms and couldn't attend class at the later times.
Learning experience was really good. The content was very interesting
Profesors eagerness to teach makes learning an enjoyable experience. Its great how the topics taught are explained by how they can be applied in the industry.
<ul style="list-style-type: none"> - Comprehensive outlines created for term tests to help with studying and test preparation. - Lots of group work and collaboration in course evaluations.
The professor was incredibly encouraging, knowledgeable, accommodating, and kind. They taught at a good pace and made sure we knew the importance of understanding the concepts vs. memorizing the concepts. The tutorials and quizzes were reasonable and were great for reinforcing key concepts of each module/chapter. The resources provided for review before each midterm were exemplary and made sure that we didn't waste any time on trivial facts and such.
I found the instructor to be very approachable and was very supportive and encouraging of students taking initiative. This led to more successful learning and students desiring and looking for additional learning. She went out of her way to make sure she was available to help students. She took the time to ask students when work or tests for other classes were, to organize what times were best for testing.
The tutorials were a very good aspect of the course, and should definitely be continued.
Having a group component in the exam was a very unique experience, and I really liked it
BEST PROF EVER!!, she makes sure we are learning rather than what marks we get, provides help if needed. asking questions never feels like a struggle.
I found seeing the concepts applied in real world examples, specifically in industry was very engaging and helped me better understand.
Tutorial assignments
In class assignments were very helpful.
The professor took a lot of time to ensure we understand the content, she also tried to simplify concepts to make it easier for us to understand. The tutorial sheets were also very helpful. She teaches very well!!
Quizzes were useful as checkpoints in understanding.

APPENDIX 12: Courses Taught/Teaching at Northeastern University (Toronto)

Dashboard



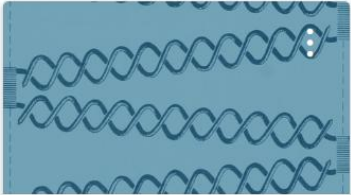
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Concur Training
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All Faculty Staff Term

