

## 2014 Fall Quick Report for Instructors - HORT 503.01-PULLM-7387 Advanced Topics Horticulture Doreen Main

### 2014 Fall College of Agricultural, Human, and Natural Resource Sciences Course Evaluations

Project Audience 14

Responses Received 11

Response Ratio 78.57%

#### Report Comments

This Quick Report for Instructor gives a summary of student responses in the course above for each question from the college's Fall 2014 Course Evaluation in Blue. If a course has multiple sections, each section has a separate Quick Report. Student comments are provided at the end of the report or at the end of each question group on the report. This is the first semester creating course evaluation reports in Blue, using a new format.

If you have a question about your Quick Report for Instructor, please email [blue-help@lists.wsu.edu](mailto:blue-help@lists.wsu.edu).

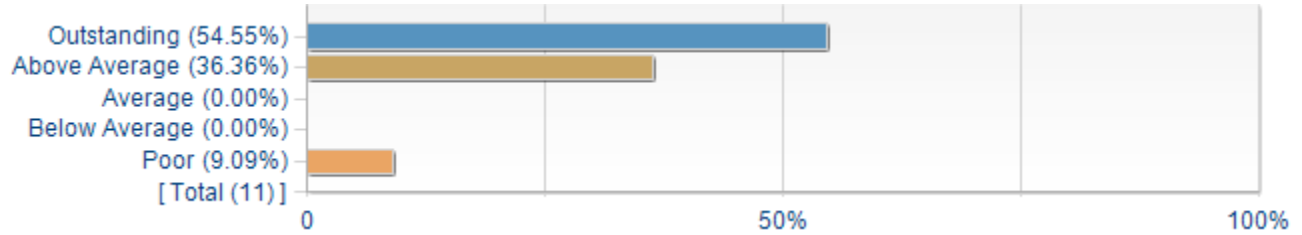
#### College Notes

If fewer than five (5) students respond to your course evaluation, to protect their confidentiality, this Quick Report for Instructor does not contain any responses. Contact your department chair for more information.

**Creation Date** Thu, Mar 05, 2015

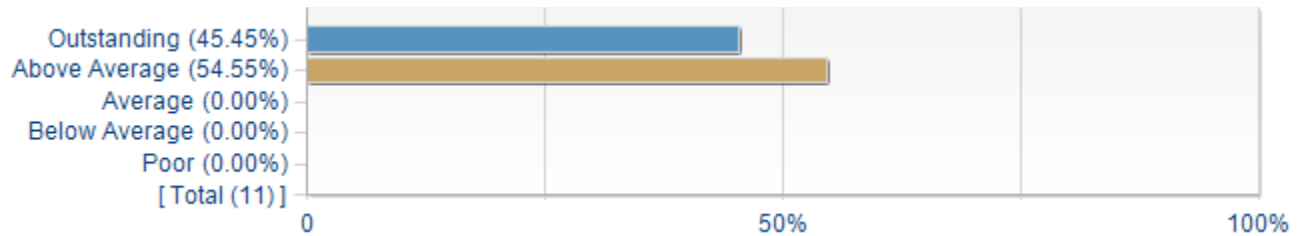
The Overall Course and Instructor questions are out of display order. The two questions appear at the beginning of the report but appeared to the student in the evaluation at the course and instructor blocks. All other questions appear in the order they were displayed to the student in the evaluation.

**What is your overall rating of the instructor **Doreen Main** in this course?**



Statistics	Value
Response Count	11
Mean	4.27
Median	5.00
Mode	5
Standard Deviation	+/-1.19

**What is your overall rating of this course? HORT 503.01-PULLM-7387 Advanced Topics Horticulture**

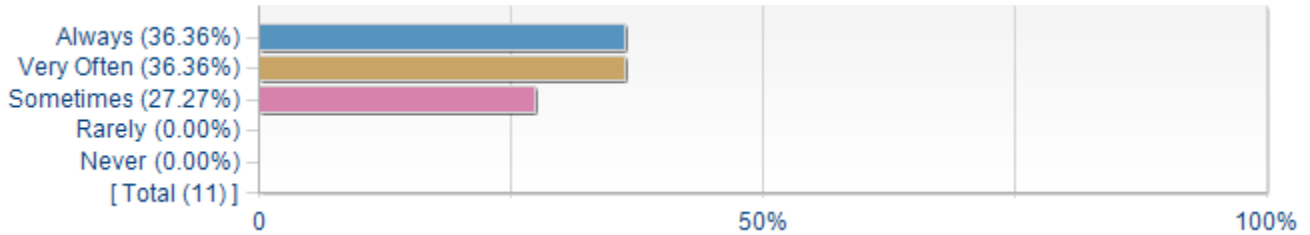


Statistics	Value
Response Count	11
Mean	4.45
Median	4.00
Mode	4
Standard Deviation	+/-0.52

## Student Effort and Responsibility

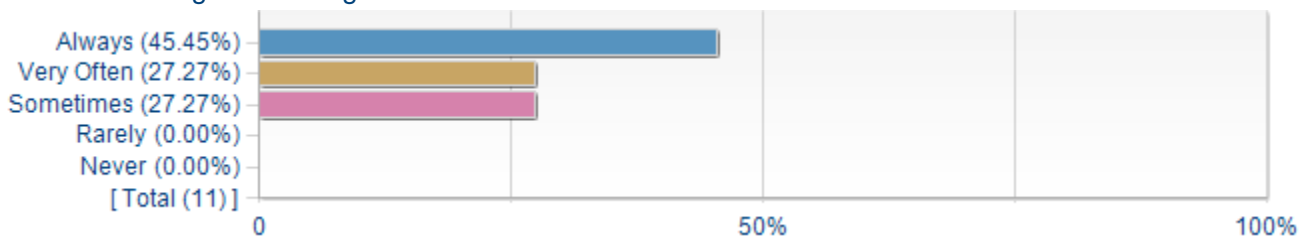
### How often do you do the following to learn in this course, **HORT 503.01-PULLM-7387 Advanced Topics Horticulture?**

1. I read and refer to the course syllabus and course schedule.



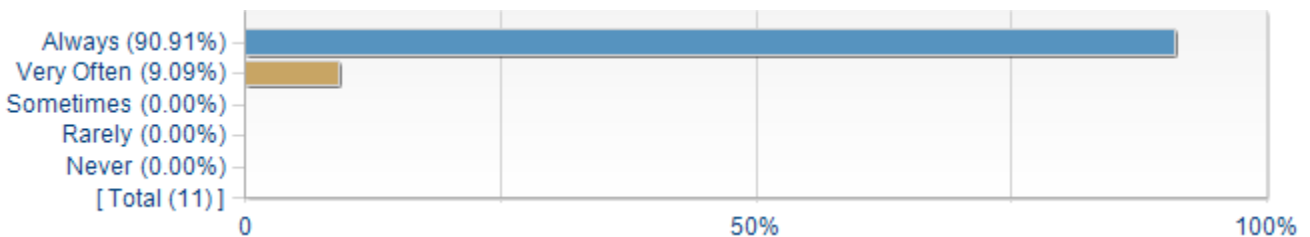
Statistics	Value
Response Count	11
Mean	4.09
Median	4.00
Mode	5, 4
Standard Deviation	+/-0.83

2. I read the assigned readings.



Statistics	Value
Response Count	11
Mean	4.18
Median	4.00
Mode	5
Standard Deviation	+/-0.87

3. I attend class.



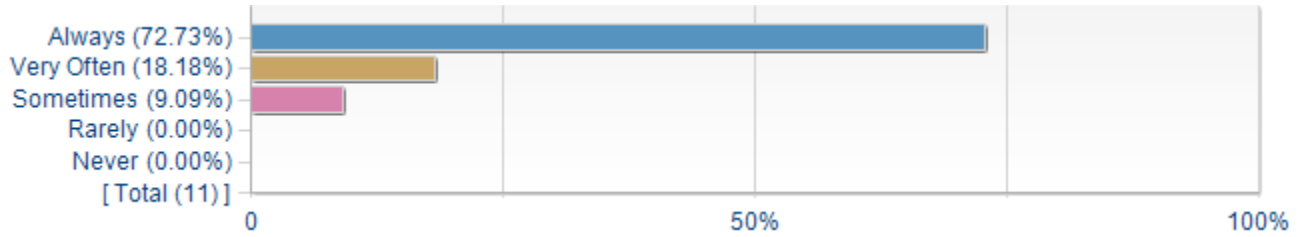
Statistics	Value
Response Count	11
Mean	4.91
Median	5.00
Mode	5

Standard Deviation

+/-0.30

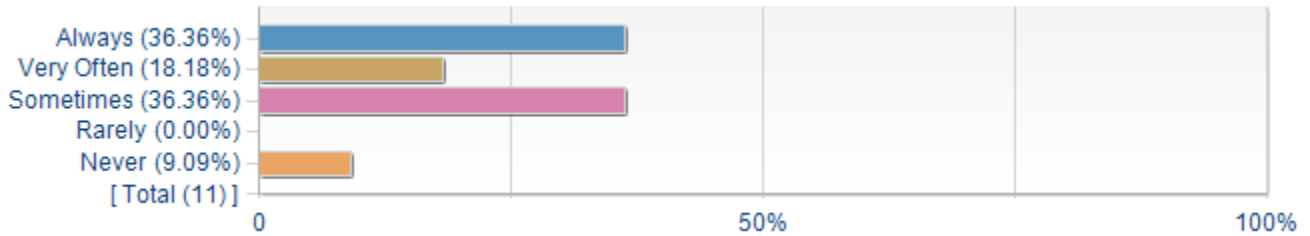
**How often do you do the following to learn in this course, HORT 503.01-PULLM-7387 Advanced Topics Horticulture? (continued)**

4. I come to class prepared and ready to participate in class activities and/or discussion.



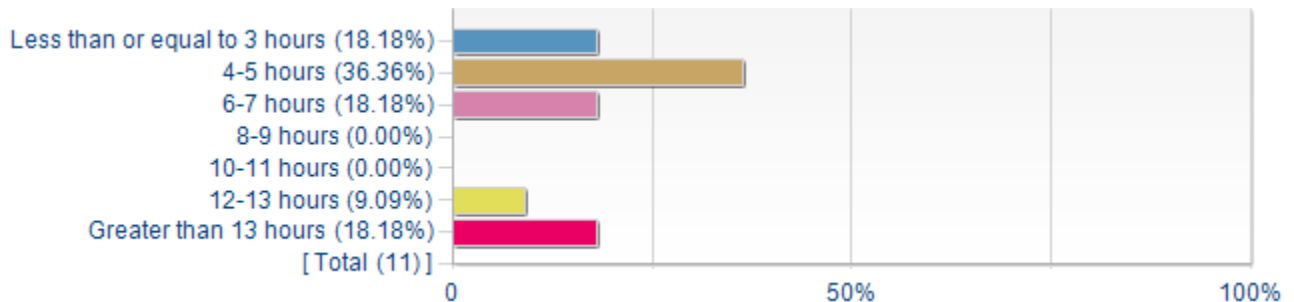
Statistics	Value
Response Count	11
Mean	4.64
Median	5.00
Mode	5
Standard Deviation	+/-0.67

5. I take notes in class.



Statistics	Value
Response Count	11
Mean	3.73
Median	4.00
Mode	5, 3
Standard Deviation	+/-1.27

**Typically, how much time PER WEEK do you spend on this course outside of class?**

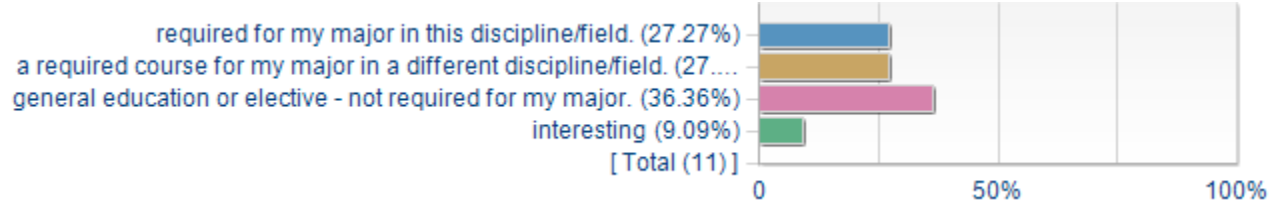


Statistics	Value
Response Count	11
Mean	3.27
Median	2.00
Mode	2

Standard Deviation

+/-2.28

**This course is...**

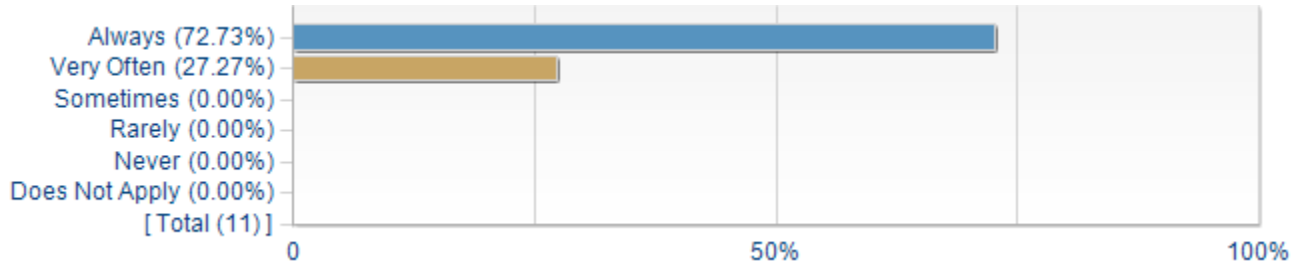


Statistics	Value
Response Count	11
Mean	2.27
Median	2.00
Mode	3
Standard Deviation	+/-1.01

## Feedback for Instructor

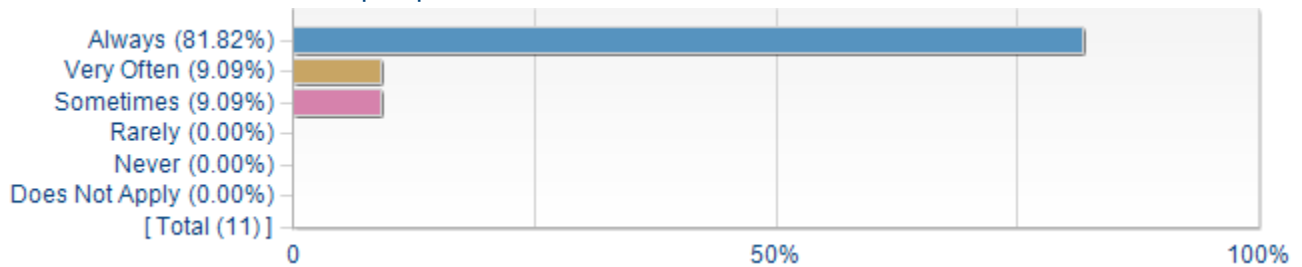
### How often does your instructor **Doreen Main** do the following?

1. displays enthusiasm about the subject matter.



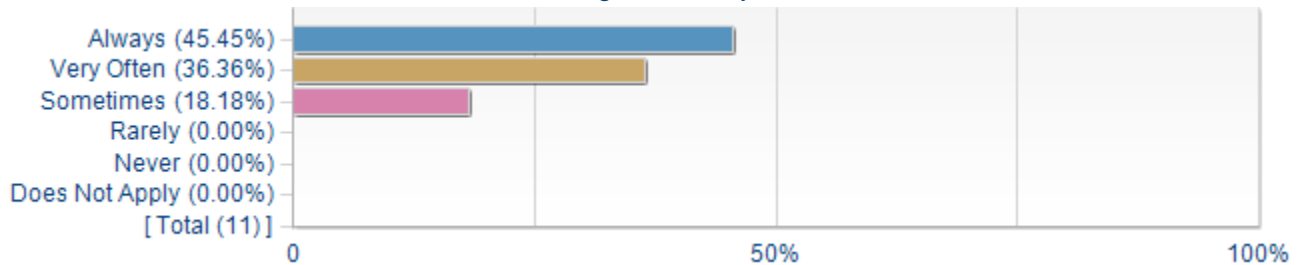
Statistics	Value
Response Count	11
Mean	4.73
Median	5.00
Mode	5
Standard Deviation	+/-0.47

2. seems to have a well-developed plan for class sessions.



Statistics	Value
Response Count	11
Mean	4.73
Median	5.00
Mode	5
Standard Deviation	+/-0.65

3. communicates course material in a clear and organized way.



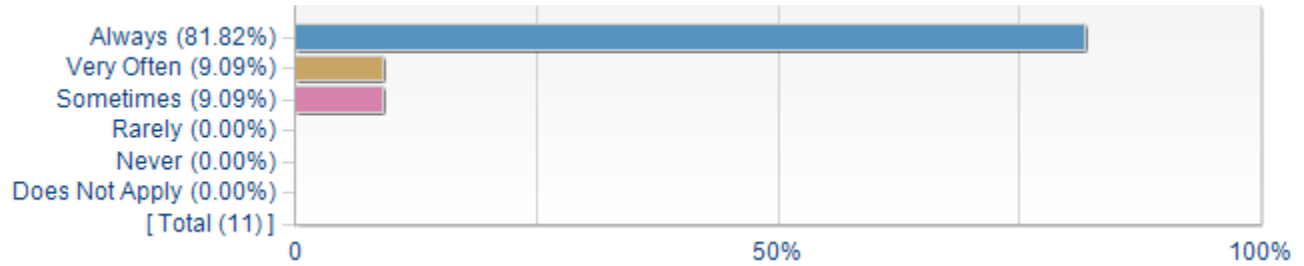
Statistics	Value
Response Count	11
Mean	4.27
Median	4.00

Mode	5
Standard Deviation	+/-0.79



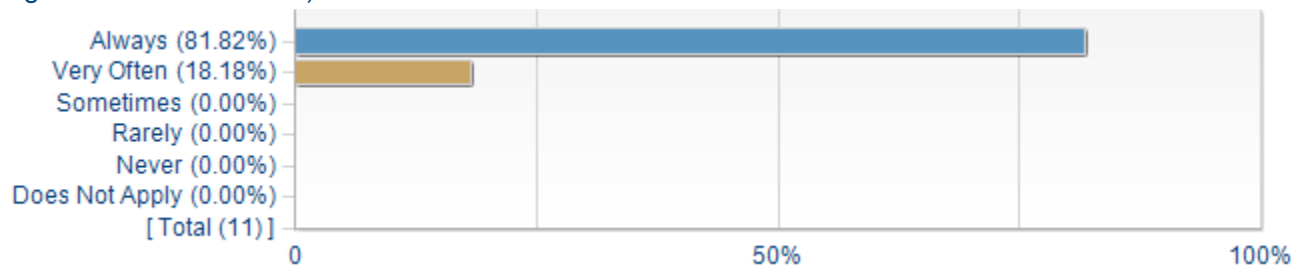
### How often does your instructor **Doreen Main** do the following? (continued)

4. encourages active student participation (discussions, group work, presentations, questions, etc.).



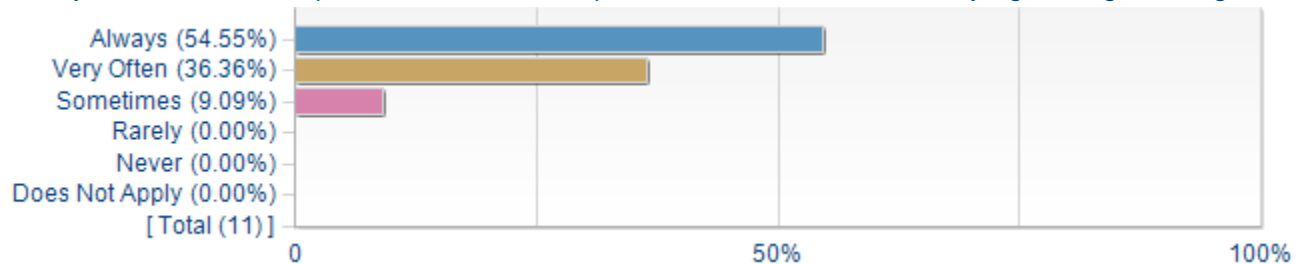
Statistics	Value
Response Count	11
Mean	4.73
Median	5.00
Mode	5
Standard Deviation	+/-0.65

5. provides timely feedback on my work (a reasonable expectation is to receive feedback on an assignment within 2 weeks).



Statistics	Value
Response Count	11
Mean	4.82
Median	5.00
Mode	5
Standard Deviation	+/-0.40

6. clearly communicates expectations for student performance; I understand why I get the grades I get.



Statistics	Value
Response Count	11
Mean	4.45
Median	5.00
Mode	5
Standard Deviation	+/-0.69

## What are the strengths of Doreen Main as an instructor?

Comment
knowledge in her area. Displays enthusiasm to teach. Good speaker.
well plan, provided good feedback related to our work, always ready for help, have a good team in her lab to help us with various problem
Can clearly articulate topics and answers student questions satisfactorily, has excellent plans for class sessions.
She is very kind and enthusiasm about bio-information. And she is a very good teacher.
She ask for questions from the students at any time
Knows the material, has experience, easy on the eyes., beautiful Scottish accent. Showed compassion, I don't know if this is good or bad.
Deep and wide knowledge of bioinformatics tools. Very inclusive and agreeable personality. Draws from guest lectures by various experts within her own lab. Asks good questions and provides fun little challenges for students.
Excellent explanations, good team, encourage students to apply what we are learning

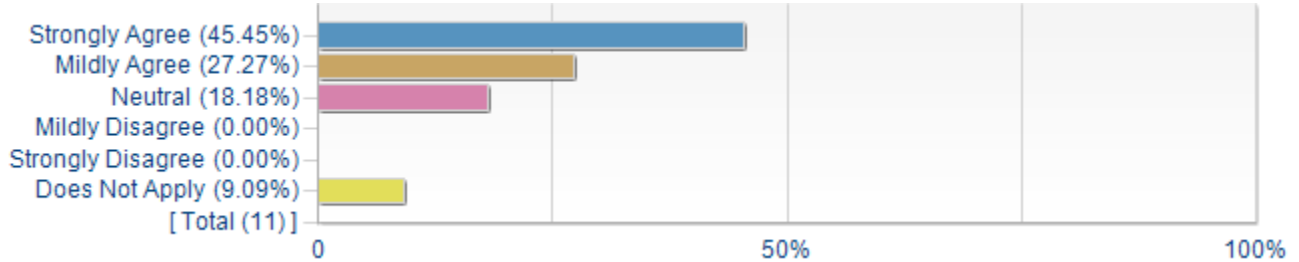
## What are one or two specific things the instructor, Doreen Main, could do to improve his/her teaching?

Comment
None
some teaching assistants may need to be trained or prepared for explaining materials, sometimes it was confusing and didn't really engage students in class
In my opinion, if she can teach more in practice not just theories, that would be appreciated.
She can elaborate each of the course material and offered two courses in two different semester
TALK LOUDER. Maybe give more of the lectures, the guest lectures were all ESL and at times were entirely not understandable
Please improve written resources for the course. Lecture notes are disjointed and contain many errors, due to the large number of lecturers. I would much prefer a paperless system. Also fix the project description for the individual project. It's very short and does not describe what is actually expected. Sometimes I felt that Dorrie's criticism of student work was off the mark, as if she feels compelled to say something rather than nothing. Also, please be clear about when class begins. The class times we adopted were earlier than the schedule posted on Zzusi, leading to confusion in the first few weeks.
Speak little bit more Laugtly

## Course specific questions

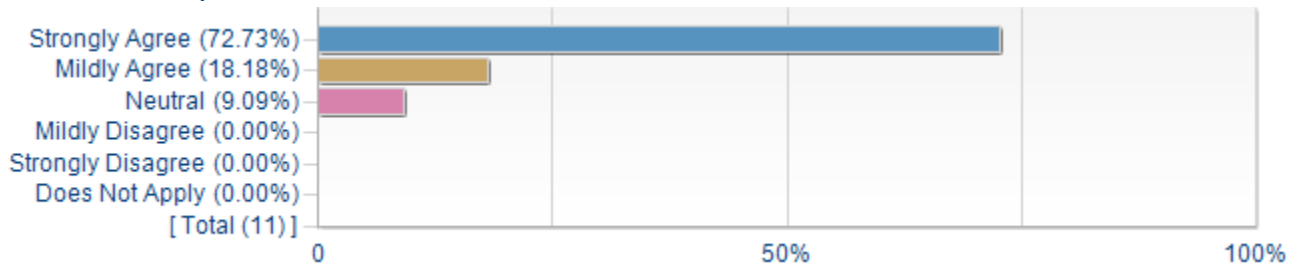
**How strongly do you agree or disagree with each statement about this course?**  
**The following elements of this course help me learn:**

### 1. Textbook and/or other readings



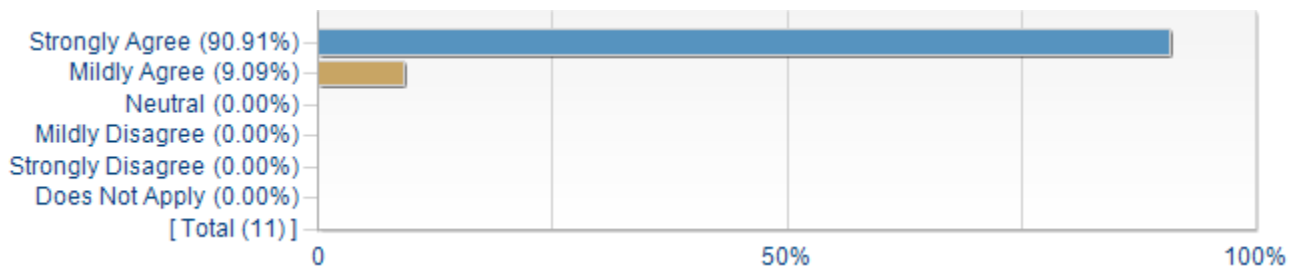
Statistics	Value
Response Count	11
Mean	4.30
Median	4.50
Mode	5
Standard Deviation	+/-0.82

### 2. Presentations by the instructor



Statistics	Value
Response Count	11
Mean	4.64
Median	5.00
Mode	5
Standard Deviation	+/-0.67

### 3. Class discussions and activities

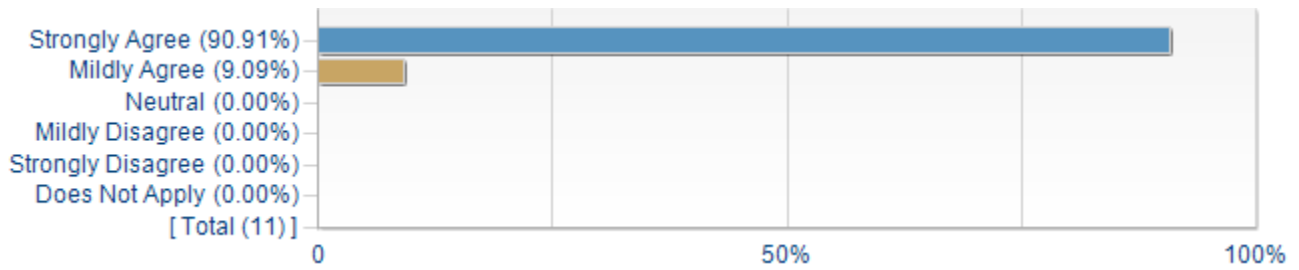


Statistics	Value
Response Count	11
Mean	4.91

Median	5.00
Mode	5
Standard Deviation	+/-0.30

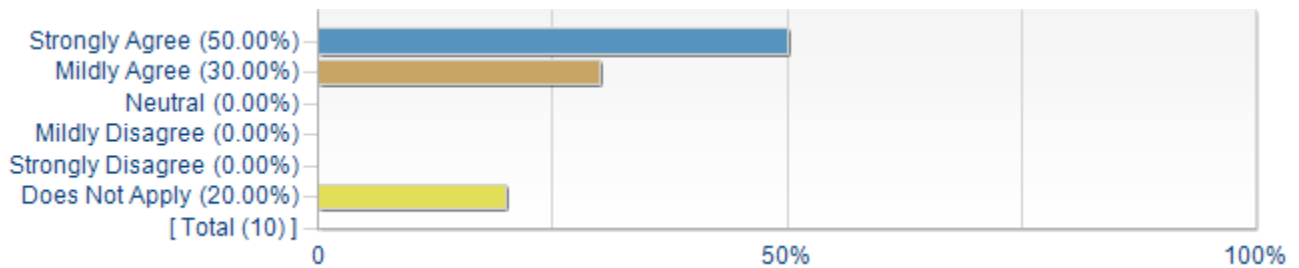
**How strongly do you agree or disagree with each statement about this course?  
The following elements of this course help me learn: (continued)**

4. Labs



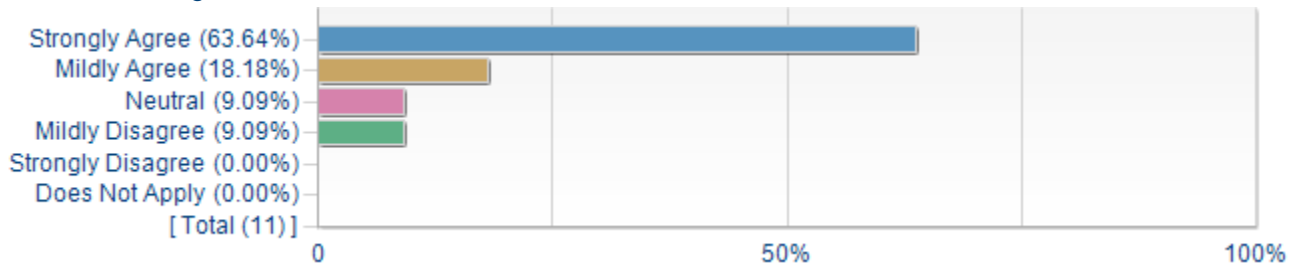
Statistics	Value
Response Count	11
Mean	4.91
Median	5.00
Mode	5
Standard Deviation	+/-0.30

5. On-line activities



Statistics	Value
Response Count	10
Mean	4.63
Median	5.00
Mode	5
Standard Deviation	+/-0.52

6. Homework assignments

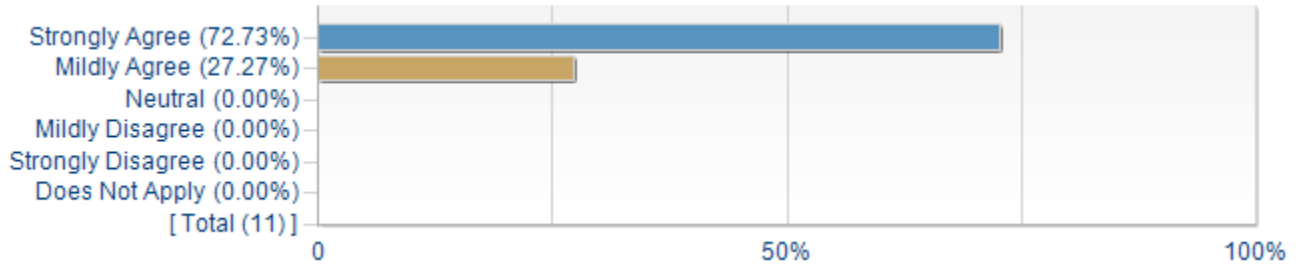


Statistics	Value
Response Count	11
Mean	4.36
Median	5.00
Mode	5
Standard Deviation	+/-1.03



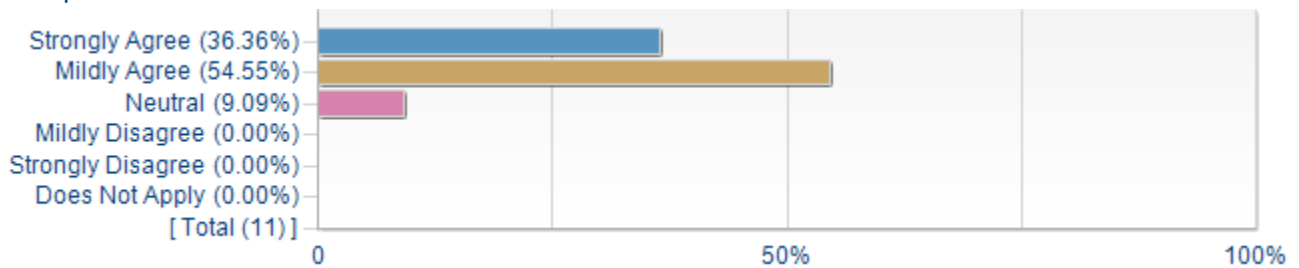
**How strongly do you agree or disagree with each statement about this course?  
The following elements of this course help me learn: (continued)**

7. Presentations I prepared and gave



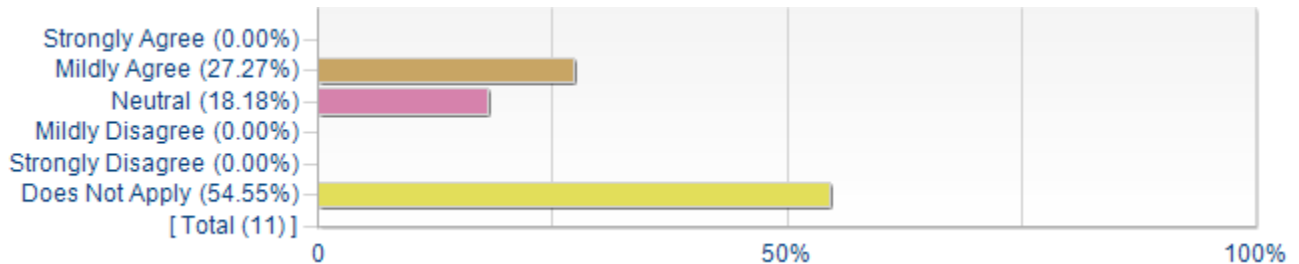
Statistics	Value
Response Count	11
Mean	4.73
Median	5.00
Mode	5
Standard Deviation	+/-0.47

8. Group work



Statistics	Value
Response Count	11
Mean	4.27
Median	4.00
Mode	4
Standard Deviation	+/-0.65

9. Videos



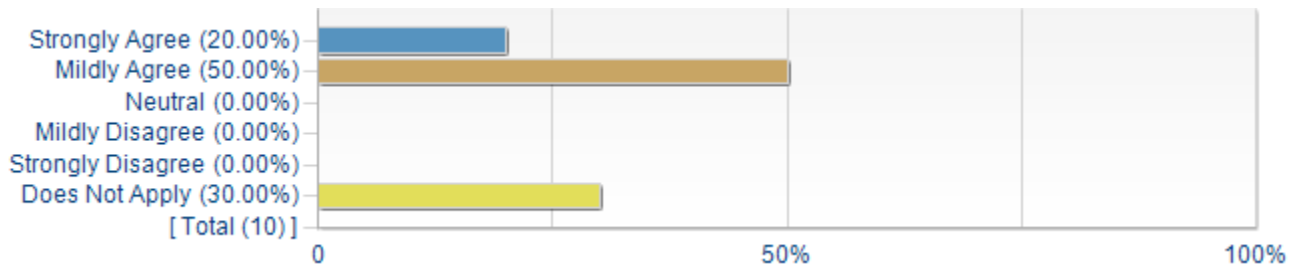
Statistics	Value
Response Count	11
Mean	3.60
Median	4.00
Mode	4
Standard Deviation	+/-0.55





**How strongly do you agree or disagree with each statement about this course?  
The following elements of this course help me learn: (continued)**

10. Guest lectures



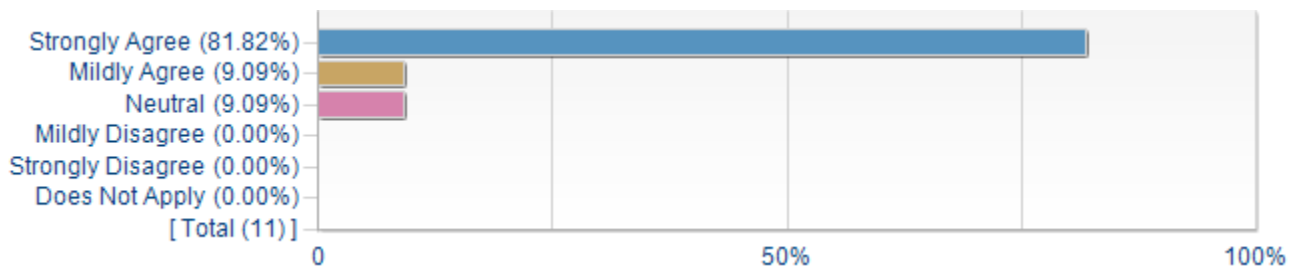
Statistics	Value
Response Count	10
Mean	4.29
Median	4.00
Mode	4
Standard Deviation	+/-0.49

**Please provide comments about what elements of the course did or did not help you learn:**

Comment
some lectures I didn't really understand, only after exercise it make sense
Every tool of instruction used in the class was useful. Though some of the co-instructors need to clearly articulate some of the topics they will be delivering particularly the technical issues like writing computer scripts, though we understand that English is not their native language.
The slides help me understand what she teach.
its too short period for learning many tools
Most of the Web-based assignments, especially Assignment 2 and the PlantGDB one, were trivially easy and did not enhance the lectures or lab material. I felt that these are better suited for high school or early undergraduate students.

**How strongly do you agree or disagree with each statement about this course?  
In this course, I...**

1. make connections to what I learn in other courses.

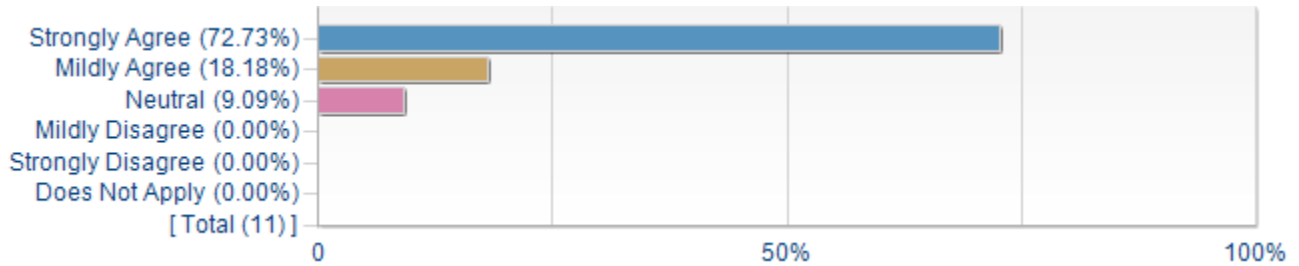


Statistics	Value
Response Count	11
Mean	4.73
Median	5.00
Mode	5

Standard Deviation

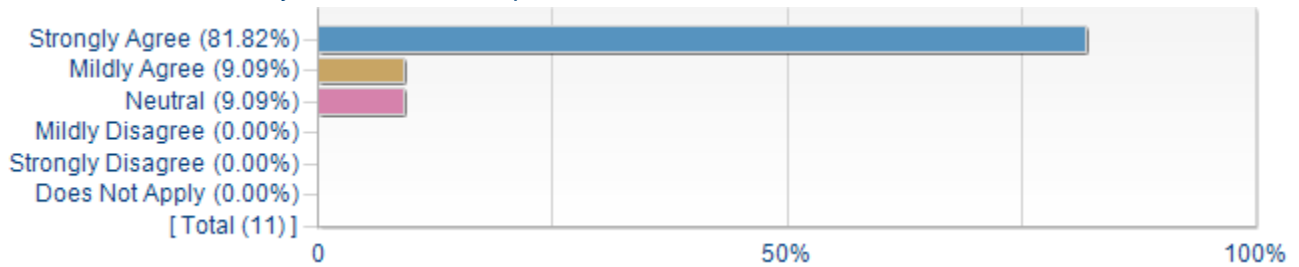
+/-0.65

2. learn to relate course material to the real world.



Statistics	Value
Response Count	11
Mean	4.64
Median	5.00
Mode	5
Standard Deviation	+/-0.67

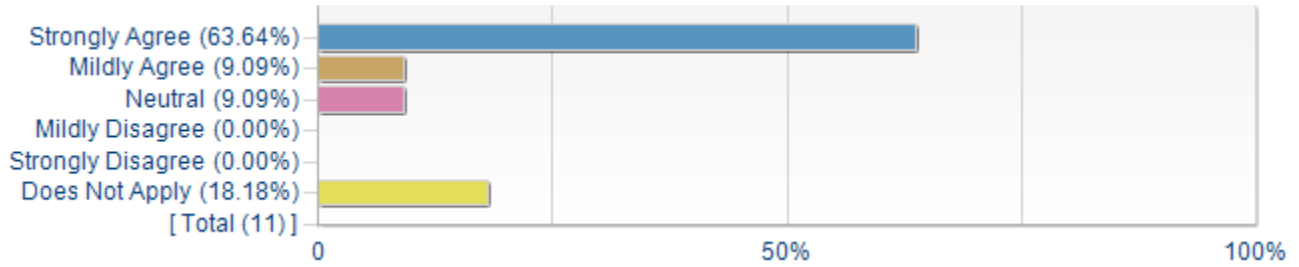
3. learn how to assess my own work and improve.



Statistics	Value
Response Count	11
Mean	4.73
Median	5.00
Mode	5
Standard Deviation	+/-0.65

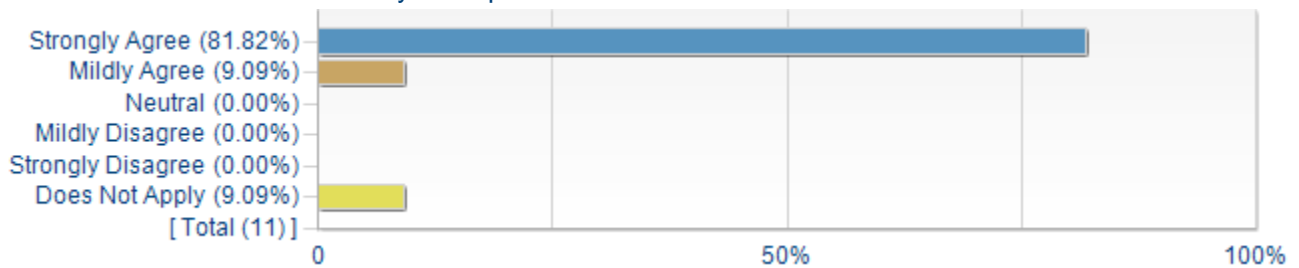
## How strongly do you agree or disagree with each statement about this course? In this course, I... (continued)

4. learn to consider contrasting points of view.



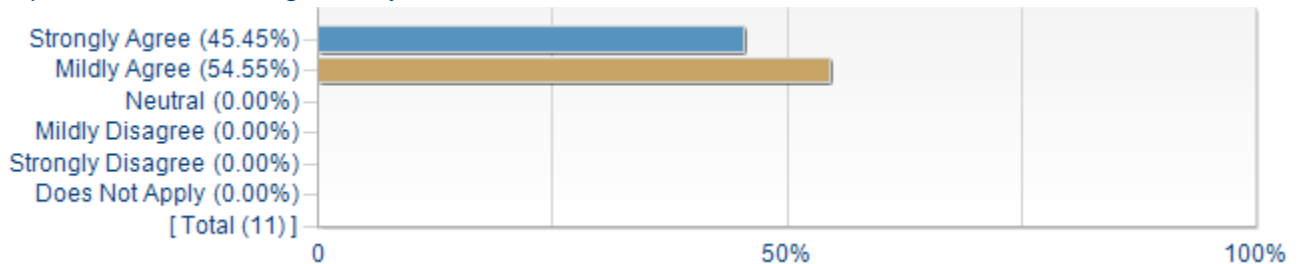
Statistics	Value
Response Count	11
Mean	4.67
Median	5.00
Mode	5
Standard Deviation	+/-0.71

5. learn how to seek answers to my own questions.



Statistics	Value
Response Count	11
Mean	4.90
Median	5.00
Mode	5
Standard Deviation	+/-0.32

6. improve at collaborating with my classmates.

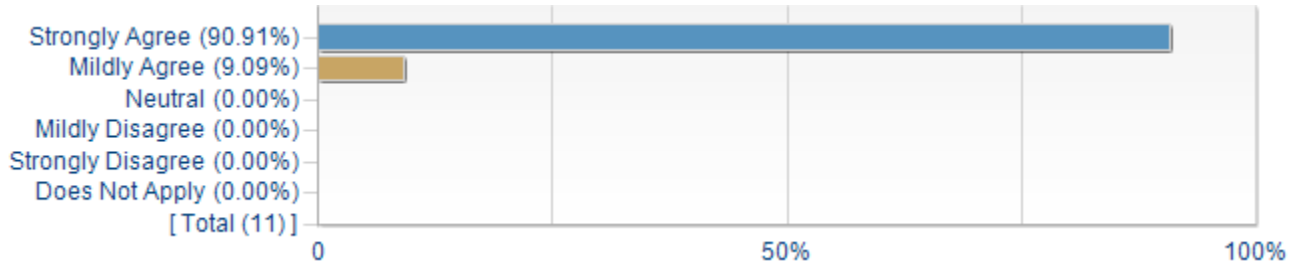


Statistics	Value
Response Count	11
Mean	4.45
Median	4.00
Mode	4
Standard Deviation	+/-0.52



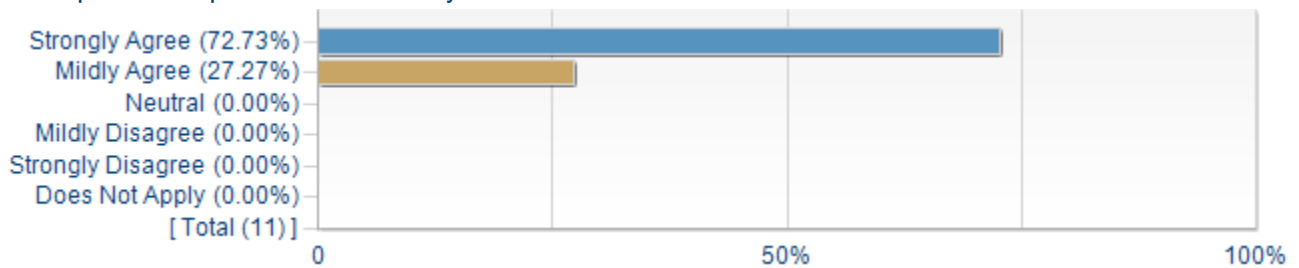
**How strongly do you agree or disagree with each statement about this course?  
In this course, I... (continued)**

7. feel respected by my instructor.



Statistics	Value
Response Count	11
Mean	4.91
Median	5.00
Mode	5
Standard Deviation	+/-0.30

8. am exposed to up-to-date and timely skills and materials.



Statistics	Value
Response Count	11
Mean	4.73
Median	5.00
Mode	5
Standard Deviation	+/-0.47

**Please comment on which skill/item above is particularly valuable to you and why it is valuable.**

Comment
how to seek answers to my own questions related to bioinformatics, because that is the reason why I took the class for Learning how to assess my own work and improve because if at the end of the day my own work is not improving then it's a futile attempt to take the class.
How to analyze data from RNA-seq; Perl language.
The skills to run different bioinformatics software is valuable
what the hell, these are all life skills, should be taught by parents.
"Learning how to assess my own work and improve" is one of the most important skills in both CS and biology. I think this course did a great job in giving students tools to do that.
learn how to seek answers to my own questions. Because most of the course was a new topic to me and I was exposed to find answers to my questions and class question.

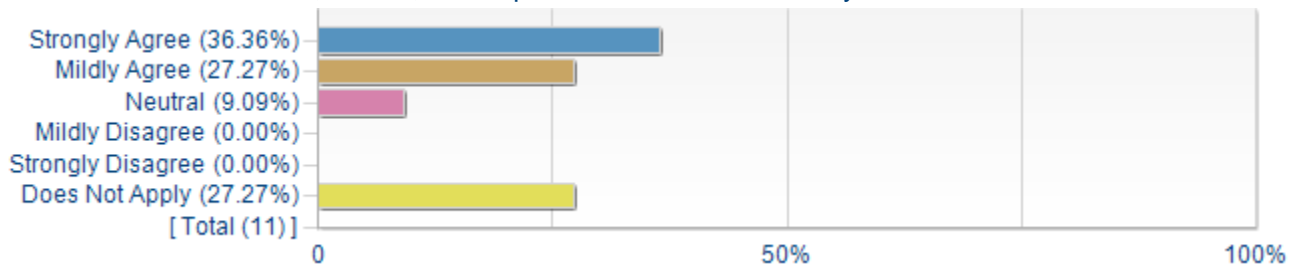


## WSU Learning Goals

**NOT ALL OF THE FOLLOWING LEARNING GOALS ARE INTENDED TO BE ADDRESSED IN ALL CLASSES.** For all that apply to this course **HORT 503.01-PULLM-7387 Advanced Topics Horticulture**, how strongly do you agree or disagree with each statement?

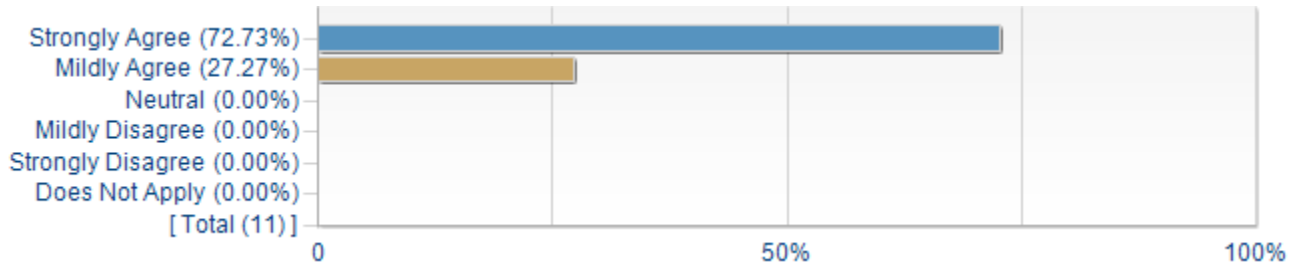
**In this course I have improved my ability to...**

1. consider diverse cultures, values, and experiences different from my own.



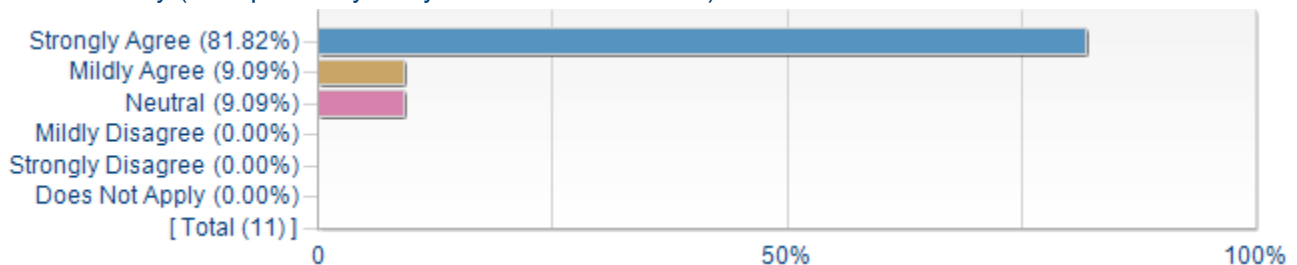
Statistics	Value
Response Count	11
Mean	4.38
Median	4.50
Mode	5
Standard Deviation	+/-0.74

2. understand key scientific concepts.



Statistics	Value
Response Count	11
Mean	4.73
Median	5.00
Mode	5
Standard Deviation	+/-0.47

3. think critically (in-depth analysis/synthesis of information).



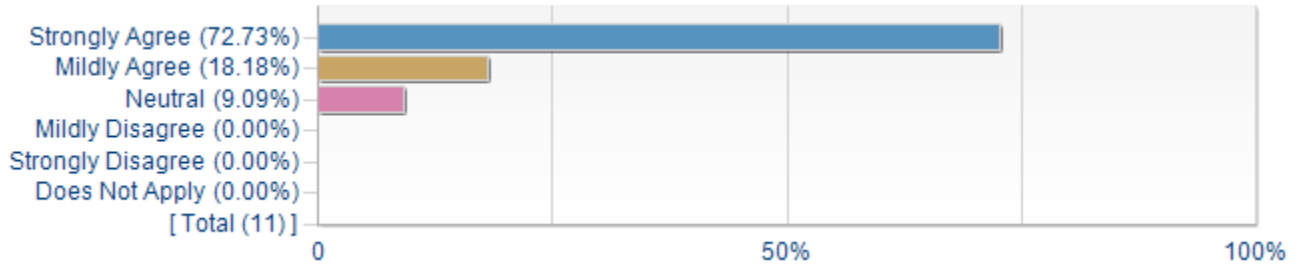
<b>Statistics</b>	<b>Value</b>
Response Count	11
Mean	4.73
Median	5.00
Mode	5
Standard Deviation	+/-0.65



**NOT ALL OF THE FOLLOWING LEARNING GOALS ARE INTENDED TO BE ADDRESSED IN ALL CLASSES. For all that apply to this course HORT 503.01-PULLM-7387 Advanced Topics Horticulture, how strongly do you agree or disagree with each statement?**

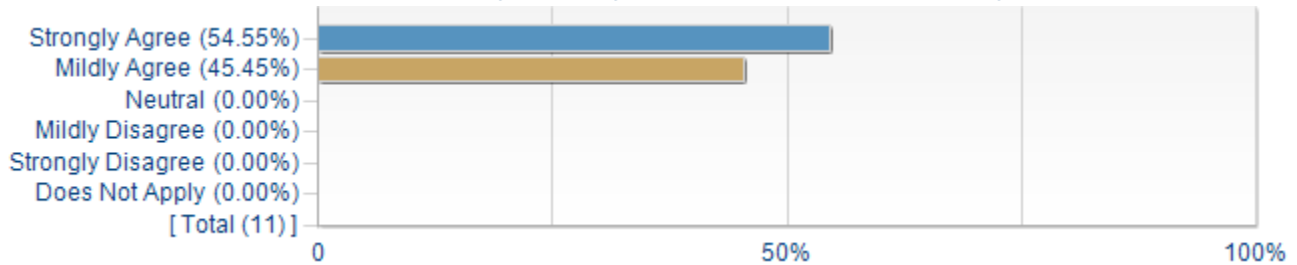
**In this course I have improved my ability to... (continued)**

4. think creatively (innovate in imaginative ways).



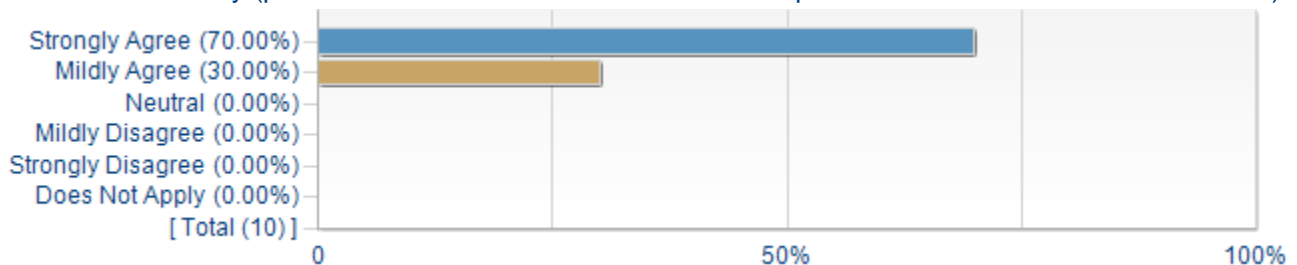
Statistics	Value
Response Count	11
Mean	4.64
Median	5.00
Mode	5
Standard Deviation	+/-0.67

5. write (use the appropriate form of writing for assignments; edit and revise writing).



Statistics	Value
Response Count	11
Mean	4.55
Median	5.00
Mode	5
Standard Deviation	+/-0.52

6. communicate orally (present ideas and information to others in presentations and informal discussion).



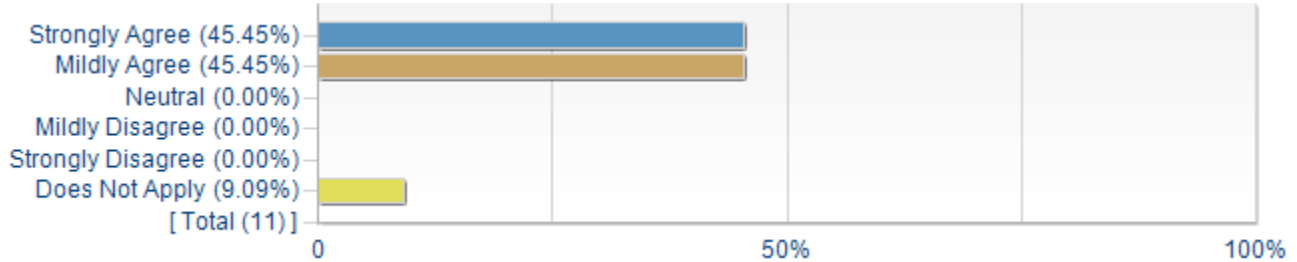
Statistics	Value
Response Count	10
Mean	4.70

Median	5.00
Mode	5
Standard Deviation	+/-0.48

**NOT ALL OF THE FOLLOWING LEARNING GOALS ARE INTENDED TO BE ADDRESSED IN ALL CLASSES. For all that apply to this course HORT 503.01-PULLM-7387 Advanced Topics Horticulture, how strongly do you agree or disagree with each statement?**

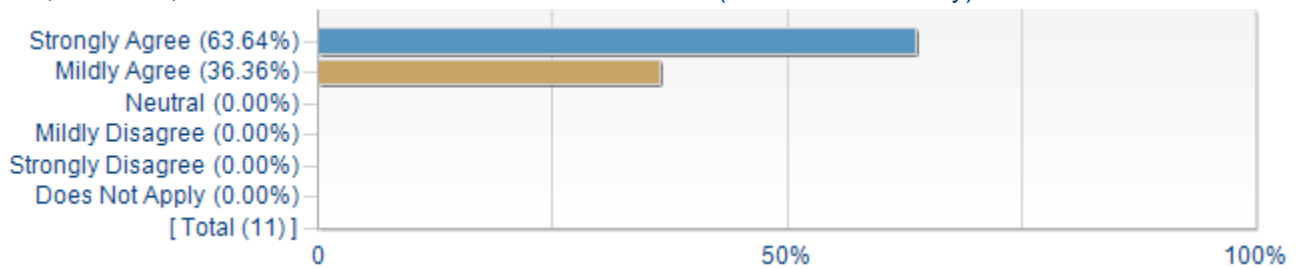
**In this course I have improved my ability to... (continued)**

7. analyze and communicate mathematical and symbolic concepts and interpret data presented in graphical and tabular form (quantitative and symbolic reasoning).



Statistics	Value
Response Count	11
Mean	4.50
Median	4.50
Mode	5, 4
Standard Deviation	+/-0.53

8. find, evaluate, and use information from various sources (information literacy).



Statistics	Value
Response Count	11
Mean	4.64
Median	5.00
Mode	5
Standard Deviation	+/-0.50

**Of all the skills listed above, did this class help you improve your abilities in any particular skill more than others?**

Comment
yes, skill in bioinformatics work
Information literacy because i had to go and research more about a particular new tool in the field and its applications, and how to handle different data sources.
Yes. This class provide me a new and creative way to design my experiment.
I feel that bioinformatics for research did not cover cultural issues as well as it addressed critical thinking,

mathematical reasoning, information literacy, and communicating ideas both through writing and oration. However, bioinformatics has little to do with culture at all and this classes and by not addressing cultural viewpoints and diversity the instructor demonstrated her ability to stay relevant to the true nature of bioinformatics.

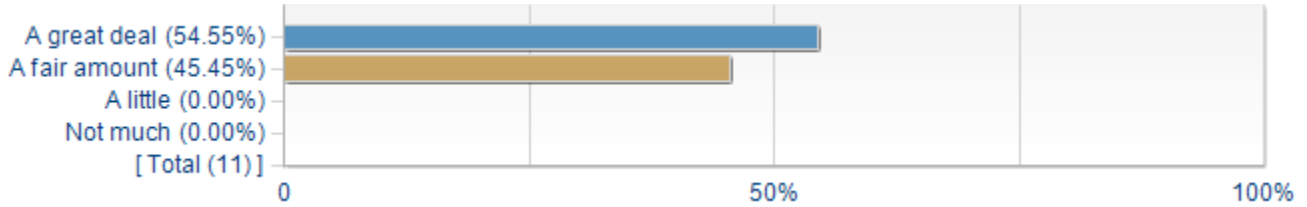
yes, i learned some bioinformatics tools

i learned how to do bioinfo stuff

Oral and written communication were improved. I was forced to communicate complex processes in an unambiguous way, for a broad audience.

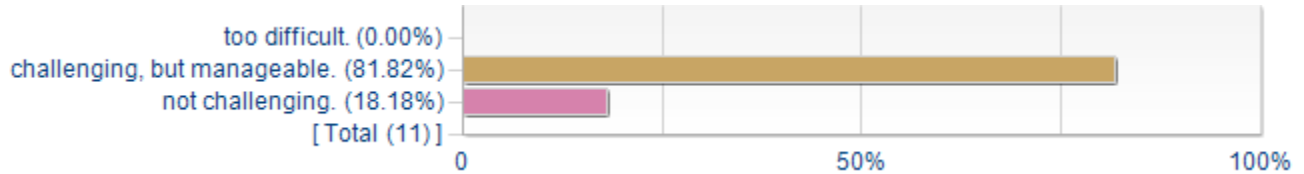
## Overall

How much have you learned -- increased your skills and knowledge -- about the main subject/topics in this course?



Statistics	Value
Response Count	11
Mean	3.55
Median	4.00
Mode	4
Standard Deviation	+/-0.52

Overall, this course has been...



Statistics	Value
Response Count	11
Mean	2.18
Median	2.00
Mode	2
Standard Deviation	+/-0.40

Please explain your choice above regarding how challenging this course has been.

Comment
There was a group project that was challenging.
a lot of work to do, sometimes need some creativity to solve problems
Challenging, particularly the projects due to technical issues, 1st time working with the large data sets so more time was now spent focusing on the material for the class.
I don't have any background information about computer language. So perl language part is very difficult to me.
The coursework was easy as hell. I think the individuals who struggled were ESL.
I have some prior background in bioinformatics. This course was easy, but introduced me to many new tools that I might not have found on my own. Also a good chance to practice Perl and Unix.
I was exposed to a new area, learning new topics, feel challenging to understand and to try. This turns difficult in the individual group because I didnt have enough data to process but, I tried to fill with second hand data.

Overall, what suggestions or changes, if any, would you make to improve the content or

## format of this course regardless of who is teaching it?

### Comment

More orientation with the group project.

lecture and exercise come together

Technical topics of the course should be simplified prior to delivery so that students do not spend a lot of time trying to understand new material.

Provide more background information or just tell us how to use it to analyze data.

more intensive workload.

Either require an "Intro to Programming" course as a prerequisite, or design one yourself. That would speed up this course greatly, and allow students to focus more on specific tools and approaches.

Discussion of the assignments, I think is important to discuss the assignments because is a great opportunity to fill gaps, reduce bias, correct mistakes and unraveling confuse topics.

## Overall, what is particularly good or interesting about this course?

### Comment

The laboratory and individual project. The instructor is well prepared in her area.

talking about recent technology such next generation sequencing and how bioinformatics deal with this

Teaching new techniques in the field.

It gave us a lot of good ideas about how to design my experiment and how to analyze data.

The class was super applied and developed the skills needed to help with research.

Brief background before lab

if you need to know about how to generate and analyze bioinformatics data, this is the class for you. It teaches those stuffs.

Great variety of subject material. Jodi was a very strong asset to the course. Subject matter is very topical and in-demand.

I think all the course was interesting because was development in a practical sense and use of the bioinformatics topics. Begging from basics to the applied work.