

# Students' Learning Experiences Survey – SLES, April 2014.

Francis Jones, EOAS-SEI, the Earth, Ocean and Atmospheric Sciences Science Education Initiative, UBC.

**Instructions: - Please think carefully about ONLY the course you are sitting in right now.**

**- MARK ANSWERS FOR QUESTIONS 1 – 47 ON THE AccuScan COMPUTER FORMS.**

**FIRST** copy Form ID No.- (bottom right) into the computer sheet's **Student ID Number** space. (Do NOT enter your student ID!)

<u>How much did information provided help you learn in this course?</u>	extremely helpful	very helpful	moderately helpful	little or no help	Not Applicable
q3a. The topic list or syllabus provided was ...	[A]	[B]	[C]	[D]	[E]
q3b. Learning goals describing knowledge and skills you are learning were ...	[A]	[B]	[C]	[D]	[E]
q3c. Learning goals related to attitudes, scientific thinking or professionalism ...	[A]	[B]	[C]	[D]	[E]
q3d. The text book was ...	[A]	[B]	[C]	[D]	[E]
q3e. Lecture notes or materials written specifically for this course were ...	[A]	[B]	[C]	[D]	[E]
q3f. Information accompanying lab instructions was ...	[A]	[B]	[C]	[D]	[E]
q3g. Video material provided or pointed to by the instructor was ...	[A]	[B]	[C]	[D]	[E]
q3h. Online content OTHER than material written specifically for this course ...	[A]	[B]	[C]	[D]	[E]
q3i. Individual interactions with the instructor outside of class were ...	[A]	[B]	[C]	[D]	[E]
<b><u>To what extent did classroom strategies help you learn in this course?</u></b>	extremely helpful	very helpful	moderately helpful	little or no help	Not Applicable
q4a. Lecture presentations in class were ...	[A]	[B]	[C]	[D]	[E]
q4b. "Socratic dialogues"; i.e. instructor teaches by constantly asking questions	[A]	[B]	[C]	[D]	[E]
q4c. Discussions about why material is useful, important or interesting	[A]	[B]	[C]	[D]	[E]
q4d. Clicker questions posed in class	[A]	[B]	[C]	[D]	[E]
q4e. Discussions you had with other students about those clicker questions	[A]	[B]	[C]	[D]	[E]
q4f. In-class activities in groups using worksheets or other resources	[A]	[B]	[C]	[D]	[E]
q4g. Questions asked of students in class NOT involving clickers or worksheets	[A]	[B]	[C]	[D]	[E]
q4h. Whole class discussions moderated by the instructor	[A]	[B]	[C]	[D]	[E]
q4i. Demonstrations, animations or simulations shown by the instructor	[A]	[B]	[C]	[D]	[E]
q4j. Discussions before, during and/or after those demonstrations	[A]	[B]	[C]	[D]	[E]
q4k. Opportunities you had to assess or comment on work of your peers	[A]	[B]	[C]	[D]	[E]
q4l. Help from the teaching assistants during class	[A]	[B]	[C]	[D]	[E]
q4m. Help from the instructor during class	[A]	[B]	[C]	[D]	[E]
<b><u>How much did various types of homework help you learn in this course?</u></b>	extremely helpful	very helpful	moderately helpful	little or no help	Not Applicable
q5a. Any requirements to complete some readings BEFORE classes	[A]	[B]	[C]	[D]	[E]
q5b. Readings of scientific or professional literature	[A]	[B]	[C]	[D]	[E]
q5c. Other "recommended" (not required) readings	[A]	[B]	[C]	[D]	[E]
q5d. Homework exercises (problem sets, etc)	[A]	[B]	[C]	[D]	[E]
q5e. Projects you did on your own (written, oral, poster, etc)	[A]	[B]	[C]	[D]	[E]
q5f. Projects you did with other students (written, oral, poster, etc)	[A]	[B]	[C]	[D]	[E]
q5g. Opportunities to comment on or reflect on your learning and study habits (such as journals, 1-minute reflection feedback, etc)	[A]	[B]	[C]	[D]	[E]
q5h. Feedback from instructors or TAs on preliminary versions of work BEFORE final due date	[A]	[B]	[C]	[D]	[E]
q5i. Feedback from instructors or TAs on COMPLETED homework or projects	[A]	[B]	[C]	[D]	[E]
q5j. Feedback provided on quizzes and exams	[A]	[B]	[C]	[D]	[E]

1-9 on computer sheet please.

10-22 on computer sheet please.

23-32 on computer sheet please.

CONTINUED ON THE OTHER SIDE ...

<u>Homework continued ...</u>	extremely helpful	very helpful	moderately helpful	little or no help	Not Applicable
q5k. Rubrics or grading schemes provided for assigned work	[A]	[B]	[C]	[D]	[E]
q5l. Studying / reviewing on my own	[A]	[B]	[C]	[D]	[E]
q5m. Studying / reviewing with a group of other students	[A]	[B]	[C]	[D]	[E]
q5n. In order to help confirm data, please select the "little or no help" option.	[A]	[B]	[C]	[D]	[E]
q5o. Online quizzes and assignments	[A]	[B]	[C]	[D]	[E]
q5p. Online wiki or discussion board activity	[A]	[B]	[C]	[D]	[E]
q5q. Practice questions provided prior to midterms or final exams	[A]	[B]	[C]	[D]	[E]
q5r. Homework explicitly related to lab work (reports, worksheets, etc)	[A]	[B]	[C]	[D]	[E]

33-41 on computer sheet please.

**41. If multiple instructors taught this course (not including TAs), did you feel having multiple instructors was ...**  
 [A] a large advantage [B] small advantage [C] neutral [D] small disadvantage [E] large disadvantage **BLANK** if not applicable

<u>Other opinions about this course: do you agree or disagree with the following?</u>	strongly agree	agree	neutral	Disagree	Not applicable
42. Relationships between stated learning goals, course content & required work were clear.	[A]	[B]	[C]	[D]	[E]
43. Knowledge & skills that I am improving in this course are important to me or my degree.	[A]	[B]	[C]	[D]	[E]
44. I could have learned everything in this course entirely on my own.	[A]	[B]	[C]	[D]	[E]
45. Labs are where I learn the most in this course.	[A]	[B]	[C]	[D]	[E]
46. Workloads for labs are too heavy given the benefits I get from doing them.	[A]	[B]	[C]	[D]	[E]
47. In what year of your degree are you registered?	A=1 <sup>st</sup>	B=2 <sup>nd</sup>	C=3 <sup>rd</sup>	D=4 <sup>th</sup>	E=Other

42-47 on computer sheet please.

**\*\* PLEASE COMPLETE QUESTIONS 48 - 61 ON THIS PAPER FORM, NOT ON THE COMPUTER SHEET.**

**48. Your degree is a \_\_\_\_\_, with specialization in \_\_\_\_\_** (Examples: **BSc** in **Geol** or **BASc** in **GeoEng**)

**49. The course you are completing this form for is: \_\_\_\_\_** (e.g. **EOSC 100**)

**50. Identify a SECOND course you are taking this term: \_\_\_\_\_** (e.g. **ENGL 100**).

51. Compared to this SECOND course, you spent ...	<input type="radio"/> much more	... time <u>on the course in q'n 49 above</u>	52. Compared to this SECOND course, you were ...	<input type="radio"/> much more	... enthusiastic about working <u>on the course in q'n 49 above.</u>
	<input type="radio"/> a little more			<input type="radio"/> a little more	
	<input type="radio"/> about the same			<input type="radio"/> about the same	
	<input type="radio"/> a little less			<input type="radio"/> a little less	
	<input type="radio"/> much less			<input type="radio"/> much less	

**53. A THIRD course you are taking: \_\_\_\_\_ (eg. MATH 100). Pick one option for each more/less question:**

54. Compared to this THIRD course, you spent ...	<input type="radio"/> much more	... time <u>on the course in q'n 49 above</u>	55. Compared to this THIRD course, you were ...	<input type="radio"/> much more	... enthusiastic about working <u>on the course in q'n 49 above.</u>
	<input type="radio"/> a little more			<input type="radio"/> a little more	
	<input type="radio"/> about the same			<input type="radio"/> about the same	
	<input type="radio"/> a little less			<input type="radio"/> a little less	
	<input type="radio"/> much less			<input type="radio"/> much less	

**56. A FOURTH course you are taking: \_\_\_\_\_ (eg. FREN 100). One option each, BLANK if no further courses.**

57. Compared to this FOURTH course, you spent ...	<input type="radio"/> much more	... time <u>on the course in q'n 49 above</u>	58. Compared to this FOURTH course, you were ...	<input type="radio"/> much more	... enthusiastic about working <u>on the course in q'n 49 above.</u>
	<input type="radio"/> a little more			<input type="radio"/> a little more	
	<input type="radio"/> about the same			<input type="radio"/> about the same	
	<input type="radio"/> a little less			<input type="radio"/> a little less	
	<input type="radio"/> much less			<input type="radio"/> much less	

**59. A FIFTH course you are taking: \_\_\_\_\_ (eg. ANTH 100). One option each, BLANK if no further courses.**

60. Compared to this FIFTH course, you spent ...	<input type="radio"/> much more	... time <u>on the course in q'n 49 above</u>	61. Compared to this FIFTH course, you were ...	<input type="radio"/> much more	... enthusiastic about working <u>on the course in q'n 49 above.</u>
	<input type="radio"/> a little more			<input type="radio"/> a little more	
	<input type="radio"/> about the same			<input type="radio"/> about the same	
	<input type="radio"/> a little less			<input type="radio"/> a little less	
	<input type="radio"/> much less			<input type="radio"/> much less	