All Student Background Information (Calculus-Based Physics)

Please take a moment to complete this questionnaire. The information you provide will help the Physics Department evaluate the usefulness of the laboratory. Your name will be used to match this evaluation with the other questionnaires you have completed this quarter. Your answers and comments will be kept confidential. Completing this questionnaire is voluntary and will not affect your grade in this or any other course. Your cooperation is appreciated.

YOUR BACKGROUND:

What is your intended major? Answer only once for questions 31-32.

31.
   A. Biological Science
   B. Chemistry
   C. Computer Science
   D. Engineering
   E. Mathematics

32.
   A. Pre-medical
   B. Physics/Astrophysics
   C. Social Science
   D. Other
   E. Undecided

Your physics and math background
Questions 33 through 41 are concerned with your math and science background.

33. How well **prepared** do you feel to deal with the subject matter of physics?
   a   Totally unprepared
   b   Unprepared
   c   Somewhat prepared
   d   Prepared
   e   Very well prepared

34. Have you taken a physics course before? (select only one)
   a   No
   b   Yes, regular high school only
   c   Yes, advanced placement high school only
   d   Yes, college only
   e   Yes, both college and high school

35. Are you repeating this course?
    a   No.
    b   Yes. I took this course before at the University of Minnesota.
    c   Yes. I took a similar course at another college or university.

36. What was the last high school math class you completed?
    a   Algebra
    b   Geometry or Trigonometry
    c   Pre-calculus, Functions, or Analysis
    d   Calculus
    e   Other, more advanced math in high school

37. What was the last college math class you completed **prior** to taking this course?
    a   I have not taken a college math class
    b   Algebra, Geometry, Trigonometry
    c   Pre-calculus, Functions, or Analysis
    d   Calculus
    e   Other, more advanced math

38. When did you take your most recently completed math course?
    a   Last term
    b   Two terms ago
    c   Last year
    d   2-3 years ago
    e   More than three years ago

39. Are you enrolled in a math course this semester?
    a   No
    b   Yes

40. How many science classes, other than this course, have you taken in college?
    a   This is my first college science course
    b   I'm taking another first, college science course concurrently with this class
    c   1-2
    d   3-4
    e   5 or more

41. How computer literate do you consider yourself?
    a   Uncomfortable with computers.
    b   Marginally computer literate.
    c   Fairly computer literate.
    d   Very computer literate.
    e   Extremely computer literate.

Your academic workload background
Questions 42 through 48 are concerned with your academic background.

42. What is your approximate college GPA on a 4.0 system?
    a   I do not have a GPA at the University of Minnesota.
    b   3.4-4.0
    c   2.8-3.3
    d   1.8-2.7
    e   Below 1.8

43. What grade do you expect to receive in this course?
   a   A
   b   B
   c   C
   d   D
   e   F

44. Approximately how much time per week do you anticipate spending on this course in addition to regular class sessions?
   a   Less than two hours per week
   b   2-5 hours per week
   c   6-10 hours per week
   d   10-15 hours per week
   e   More than 15 hours per week

45. How many total course credits are you taking this semester?
   a   0-4
   b   5-8
   c   9-12
   d   13-16
   e   More than 16

46. How many hours per week are you employed?
   a   None
   b   1-10 hours per week
   c   11-20 hours per week
   d   21-30 hours per week
   e   More than 31 hours per week

47. What is your age?
   a   17 or younger
   b   18-19
   c   20-21
   d   22-23
   e   24 or older

48. What type of residence do you live in (choose only one)?
   a   Dormitory on-campus
   b   Living near campus
   c   Living off-campus
   d   With parents/family
   e   Other