Directions for Pre-lab Quizzes
Dr. Susan Petro

There will be five pre-lab quizzes (and one quiz on the Mitosis and Meiosis video) this semester worth 5% of your lab grade. These will be multiple choice quizzes and will quiz you on the general purpose, procedures, materials and equipment to be used in that week’s lab so you come to class prepared to work. Information and techniques learned in previous labs that will be reused in the current lab are fair game e.g. if measuring is involved you would be expected to know how to measure using significant figures learned in the first lab or if a spectrophotometer is to be used again you are responsible for knowing how to use it properly.

One student per table will take the quiz for the entire table. Just before the quiz each student at a table will draw a playing card from the instructor’s deck and the student drawing the highest card at the table will take the quiz for the group. All students need to come prepared each week since no one knows ahead of time who will be the table quiz taker. Since the quiz takers are chosen at random the same student may have to take the quiz the next week as well if his/her name is chosen again. However twice is the maximum any student can be the quiz taker.

Each table will receive one Immediate Feedback Assessment Technique form to use for the quizzes. The first week the quiz taker should write the table number in the space labeled Name since this same form will be used each week. Each student at the table also gets a copy of the quiz so each can aid the quiz taker if called upon as a lifeline. The three students not taking the quiz will each be given four index cards lettered A, B, C or D.

Immediate Feedback Assessment Technique forms are like lottery tickets. Scratch off the coating of the answer you think is the correct one with a finger nail. Scratch off the entire rectangle. A black star will appear somewhere in the rectangle if the answer is correct. If you scratch off the wrong answer choose another answer until the correct answer appears. Each question answered correctly on the first try gets the full 10 points, questions answered on the second try get 5 points and questions answered on the third try get 3 points. Four tries get zero points. All four students at the lab bench get the grade earned by the quiz taker.

Just like in Who Wants to Be a Millionaire the student taking the quiz will have two lifelines (not 3 as in the show) to be used on two questions on the quiz.

- One of the lifelines is Poll the Audience in which the student tells the table members he/she wants to poll the audience and asks the tablemates to look at the question on which he/she wants help e.g. “I need help on #8. After reading the question, the other three members at the lab bench each hold up the index card with the letter (A, B, C or D) to the answer each thinks is correct for the chosen question. The use of index cards prevents answers being overheard by other groups.
• The other lifeline is *Call a Friend* in which the quiz taker chooses only one member of the lab bench to hold up a card with the letter he/she thinks is the correct answer. Again, each lifeline can only be used once during the quiz.

When the quiz taker has answered all ten questions he/she should fill in the points received for each answer in the blank space to the right of the answers. Therefore everyone at the table will know the table grade before the form is handed in to the instructor.