



SMU PHYSICS

GRAND CHALLENGE

You are outside and have no immediate protective cover during a severe thunderstorm. Lightning strikes just twenty feet from where you are standing. Describe three possible things that can happen to the human body in the next few moments. For each of these three, describe the kinds of issues that Emergency Medical Technicians might have to alert the local hospital to prepare to treat.



Instructions: use what you learn in this course and have learned in PHYS 1307 to describe three consequences of this event. You should write up your calculations and explanations in a minimum-length 10-page document, due on the last day of classes by 5pm.

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