

Homework is vital in Physics!!!! I can not stress that too much. Physics is like SCUBA diving -- it requires participation and practice and learning from your own errors. You may be able to understand the Civil War by listening to lectures. But you can not successfully learn to SCUBA dive only by listening to lectures -- **you have to get wet!**

Physics, too, requires that you "get wet", that you get your hands messy in the mire of homework problems. **There simply is no other way to learn Physics.** Most of the exams will not be strikingly different from the homework. Diligence with the homework will make the exams **easy** but ignoring the homework will make the exams **impossible!** Struggling with and learning from doing the homework is vital! You must do the homework -- just to survive!

I love to watch old **Jacque Cousteau** specials on television. **Cousteau** makes scuba diving look so easy (after all, he invented scuba diving!). But I would (literally!) die if I tried to scuba dive. Learning how to scuba dive is **not** the same thing as watching **Cousteau** while **he** scuba dives!

Homework is like that. You have to do the homework yourself! You simply can **not** learn Physics without it.



