

Reasons for Success at Daytona Physics Tutor

Some of the reasons you will have a great experience at Daytona Physics Tutor are as follows: A comfortable one to one atmosphere where you are encouraged to ask questions, My teaching experience allows me to tailor presenting math, physics, or chemistry to you, Teaching concepts after specific problems, The DPT office, and Follow up techniques to help you recall material. Because of all these things I will be able to help you with your education.

I. COMFORTABLE ONE TO ONE INTERACTION

At Daytona Physics Tutor, one of the main goals is creating an atmosphere where a student is respected and feels comfortable to interact. This is essential. Many times a student may want to ask a question but is embarrassed, frustrated, or not know what to ask. So learning stops. One of my strengths is being able to see when these things are happening. Since this is a one to one environment, I can interact with *you* and we can focus on *your* concerns. Since you have my full attention, the session becomes **tailored to you**. If we have to slow down and cover something from your class two months prior because it is a foundation for the current topic, we can. This leads to clarity and success.

II. MY TEACHING EXPERIENCE

As a physics professor and while as a graduate student I taught thousands of students. In that time, I saw how many people were very close to success but were frustrated and stopped. Different people learn in different ways and many times the standard explanation is insufficient. Because of this I had to learn many different ways to present material. An explanation that works for one person will have no effect for another. Another one of my strengths is to adjust the presentation of material until it "clicks" for you. This includes your textbook. Textbooks are, out of necessity, written in a very formal manner. With different examples **I can bring the words/equations to life for you**. Of course now working with individuals, the feedback is immediate. So I am always refining/finding new methods to present all levels of math, physics, or chemistry.

III. TEACHING CONCEPTS AS WELL AS SPECIFIC PROBLEMS

Many times when people first come to see me they have a specific problem in mind. Yet, we all know that with very minor changes the same concept can be tested in a dramatically different way. So after we start with one problem we are going to approach the concept from different ways. Although I have many, one technique I really like is having a student do the same problem we just did. I receive quizzical looks at first. However, when

a student redoing the problem has to really think, or even makes a misstep, the reasons for repeating become clear. The second or even third time through I will have them explain the parts that are "sticky" until it is clear they have clarity and the concept is starting to take hold.

IV. THE DAYTONA PHYSICS TUTOR OFFICE

Before I opened this company I had tutored every now and then. Usually, it was at someone's home or we met somewhere. There were distractions and we were both huddled over the paper on which they were writing. It was not as effective as possible. **The DPT office is different**. Even though the office is located in a fairly busy business park and has a large glass front window, it is still quiet so we can concentrate. With the large worktables we can spread out so there is space to go through different materials. Just as important there are chalkboards. This means as you do a problem I can see your train of thought. *This is a key when you are teaching someone*. It allows me to clarify along the way. The DPT office is a space conducive to learning. Please go to the office tour webpage and take a look.

V. FOLLOW UP WORKSHEETS

Studies have shown that to help retain and recall material it is essential to recall it from memory after thinking of something unrelated. I'm going to send you a brief worksheet after we work together. It is on the concepts we covered and will take less than a half hour. Since there is no grade there is no pressure. These are great to see where you still might have some hesitation after a little bit of time. The worksheets are also very good for studying for your normal class. I now do this for every student even if they have homework problems on the topic. With class homework the goal understandably seems to be finish the problems quickly and complete the assignment. With the DPT worksheet it is clear students complete them with a focus on learning. I can say that these worksheets have been very well received by my students.

You can see there are many different things that go into giving you a great, successful, experience at DPT. Thank you for choosing Daytona Physics Tutor to help with your education!