

<p><b>RESUMÉ</b></p>	<p style="text-align: right;"><b>John F. Dorrough</b>  P. O. Box 265  Commerce, TX 75429-0265  Office (903)468-8764  e-mail: <a href="mailto:john_dorrough@tamu-commerce.edu">john_dorrough@tamu-commerce.edu</a></p>
<p><b>Education</b></p>	<p>I earned a Masters Degree in Physics from Texas A&amp;M University - Commerce (formerly known as East Texas State University) in 1994. I received the Bachelor of Science degree in Broad Field Science w/ emphasis in Physics and minor in Mathematics in 1991.</p>
<p><b>Relevant Work Experience</b></p>	<p><b>Texas A&amp;M University- Commerce – 2006 to present</b> Laboratory Coordinator for Department of Physics and Astronomy. Supervised GAT lab instructors, facilitated faculty and student research. Managed stockroom and acted as alt-APO for inventory control. Coordinated volunteer and student worker tutors and personally tutored many students that came to my office.</p> <p><b>Texas A&amp;M University- Commerce – September 2003 to 2006.</b> Adjunct instructor responsible for teaching lecture and labs for Integrated Science I and II including training and supervising graduate assistant laboratory instructors. Also taught IS 351 (Advanced Integrated Science), a junior level education certification track course, and Physics 112.</p> <p><b>North East Texas Community College- Summer I, 2005</b> - Adjunct instructor of Physics, taught lecture and laboratory.</p> <p><b>Grayson County College – Summer term 1998</b> – taught Physics I &amp; II while regular instructor had leave of absence.</p> <p><b>Kaplan Educational Services - November 96 - February 97</b> Instructor at Dallas location, responsible for teaching Kaplan methods of standardized test preparation and consulting on general requirements for entry into graduate level programs. Primarily studied GRE, GMAT and LSAT.</p> <ul style="list-style-type: none"> <li>* Taught GMAT preparatory course,</li> <li>* Participated in Kaplan's Teacher Development course and seminars.</li> </ul> <p><b>Campbell's Soup- April 95 to August 96-</b> Food Technologist, Quality Assurance Laboratory, Paris Texas Plant. Primary duties included lab support for third shift production and maintenance of ingredient quality/contamination testing programs. Lab support included:</p> <ul style="list-style-type: none"> <li>* sampling for bacteriological contamination of product and production equipment</li> <li>* preparation of samples in modern bacteriological laboratory with strict adherence to standard practices</li> <li>* evaluation of samples and reporting findings.</li> <li>* chemical evaluation of ingredients and adjusting production recipes to compensate for acidity, color, consistency etc.</li> <li>* sampling incoming ingredients for quality and chemical contamination.</li> </ul> <p>Everything from the water to the wheat flour was sampled, tested for bacteriological and chemical contamination and reported to corporate Quality headquarters.</p> <ul style="list-style-type: none"> <li>* In addition to my required duties I trained production crews in usual testing procedures and collaborated with production leaders on sanitation and reporting issues between Quality Assurance and Production departments.</li> </ul> <p><b>Texas A&amp;M- Commerce</b> - Taught at several levels from undergraduate tutor to regular instructor of College Physics I &amp; II(Mechanics and Heat, and Electricity and Magnetism)</p> <ul style="list-style-type: none"> <li>* I taught the classroom portion and oversaw the laboratories for a summer session of College Physics. Duties included preparation, instruction, lab supervision, individual tutoring, testing and assigning grades.</li> </ul> <p>I began as an undergraduate student worker and was assigned to teach tutorial sessions and collaborate on editing a collection of laboratory exercises into a coherent laboratory instruction manual. Soon I was given the responsibility of</p>

teaching a lab section under supervision of the classroom teacher. After graduation with my bachelors I was hired as a Graduate Assistant and given responsibility for several lab sections and a full schedule of tutorials. I was available, often on short notice, to substitute for absent professors in their introductory level courses In my last year I was Head Graduate Assistant and given responsibility for coordinating lab instructors and available equipment and classrooms. I supervised some of the other assistants and was in charge of the stockroom. Stockroom duties included inventory and repair of common devices, preparation of laboratory and demonstration equipment for classroom instructors. Equipment with which I am familiar include:

- \* Multimeters
- \* Frequency Counters
- \* Analog Oscilloscopes
- \* Microscopes
- \* Optics
- \* Lasers
- \* Telescopes - Newtonian and Schmidt-Cassegrain
- \* Microwave interferometry
- \* Linear and rotational mechanics demonstrators
- \* Various PC-based physics simulation software