

## Physics Alumni Survey

The purpose of this survey is to collect data from graduates of Tarleton Physics program regarding employment, preparation, advancement, professional development, and advanced degrees. This data will be used to help improve the physics program.

Please complete this form and submit to [marble@tarleton.edu](mailto:marble@tarleton.edu) or mail or fax to:

Dr. Daniel K. Marble  
 Tarleton State University, Box T-0540  
 Stephenville, TX 76402  
 Fax: (254) 968-9953

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**Your Information**

Name: \_\_\_\_\_ Year awarded B.S.: \_\_\_\_\_  
 Support Concentration \_\_\_\_\_ Obtained 2<sup>nd</sup> B.S.  Yes  No  
 Mailing Address: \_\_\_\_\_ Phone: \_\_\_\_\_  
 \_\_\_\_\_ Email: \_\_\_\_\_  
 \_\_\_\_\_

Current status:       Graduate student       Industry       Both

Name of Company/Graduate School: \_\_\_\_\_  
 If in industry, number of years with this company: \_\_\_\_\_  
 Division/Degree (if applicable): \_\_\_\_\_  
 Location: \_\_\_\_\_  
 Job Title or Position: \_\_\_\_\_  
 Type of Work: \_\_\_\_\_  
 \_\_\_\_\_

**Program Objectives:**

On a scale of 1 to 10 with 10 being excellent, please rate your Tarleton Physics Education in preparing you in the following three areas (Classical Physics, Modern Physics, and Proficiency in Mathematics) for your present graduate program or job. Also, please rate the individual courses in each area.

**A. Classical Physics (Overall)**

10 (Excellent)       9       8       7 (Good)       6       5 (Average)  
 4       3 (Poor)       2       1 (Unacceptable)       N/A

comments: \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

*The Tarleton Physics faculty sincerely thank you for your input.*

# Physics Alumni Survey

## a. Introductory Physics

10 (Excellent)     9     8     7 (Good)     6     5 (Average)

4     3 (Poor)     2     1 (Unacceptable)     N/A

comments: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

## b. Intermediate Mechanics

**Instructor** \_\_\_\_\_

10 (Excellent)     9     8     7 (Good)     6     5 (Average)

4     3 (Poor)     2     1 (Unacceptable)     N/A

comments: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

## c. Electromagnetic Field Theory

**Instructor** \_\_\_\_\_

10 (Excellent)     9     8     7 (Good)     6     5 (Average)

4     3 (Poor)     2     1 (Unacceptable)     N/A

comments: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

*The Tarleton Physics faculty sincerely thank you for your input.*

### Physics Alumni Survey

**d. Thermodynamics**

**Instructor** \_\_\_\_\_

10 (Excellent)     9     8     7 (Good)     6     5 (Average)

4     3 (Poor)     2     1 (Unacceptable)     N/A

comments: \_\_\_\_\_

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**e. Optics**

**Instructor** \_\_\_\_\_

10 (Excellent)     9     8     7 (Good)     6     5 (Average)

4     3 (Poor)     2     1 (Unacceptable)     N/A

comments: \_\_\_\_\_

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\_\_\_\_\_

\_\_\_\_\_

**e. Advanced Mechanics**

**Instructor** \_\_\_\_\_

10 (Excellent)     9     8     7 (Good)     6     5 (Average)

4     3 (Poor)     2     1 (Unacceptable)     N/A

comments: \_\_\_\_\_

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*The Tarleton Physics faculty sincerely thank you for your input.*

### Physics Alumni Survey

f. **Advanced Electromagnetism**

**Instructor** \_\_\_\_\_

10 (Excellent)       9       8       7 (Good)     6     5 (Average)

4       3 (Poor)     2       1 (Unacceptable)     N/A

comments: \_\_\_\_\_

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h. **Advanced Statistical Mechanics**

**Instructor** \_\_\_\_\_

10 (Excellent)       9       8       7 (Good)     6     5 (Average)

4       3 (Poor)     2       1 (Unacceptable)     N/A

comments: \_\_\_\_\_

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\_\_\_\_\_

**B. Modern Physics (Overall)**

10 (Excellent)       9       8       7 (Good)     6     5 (Average)

4       3 (Poor)     2       1 (Unacceptable)     N/A

comments: \_\_\_\_\_

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*The Tarleton Physics faculty sincerely thank you for your input.*

# Physics Alumni Survey

## a. Modern Physics I

Instructor \_\_\_\_\_

10 (Excellent)     9     8     7 (Good)     6     5 (Average)

4     3 (Poor)     2     1 (Unacceptable)     N/A

comments: \_\_\_\_\_

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## b. Modern Physics II

Instructor \_\_\_\_\_

10 (Excellent)     9     8     7 (Good)     6     5 (Average)

4     3 (Poor)     2     1 (Unacceptable)     N/A

comments: \_\_\_\_\_

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## c. Quantum Mechanics

Instructor \_\_\_\_\_

10 (Excellent)     9     8     7 (Good)     6     5 (Average)

4     3 (Poor)     2     1 (Unacceptable)     N/A

comments: \_\_\_\_\_

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*The Tarleton Physics faculty sincerely thank you for your input.*

# Physics Alumni Survey

## d. Nuclear Physics

Instructor \_\_\_\_\_

10 (Excellent)     9     8     7 (Good)     6     5 (Average)

4     3 (Poor)     2     1 (Unacceptable)     N/A

comments: \_\_\_\_\_

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## e. Medical Physics I

Instructor \_\_\_\_\_

10 (Excellent)     9     8     7 (Good)     6     5 (Average)

4     3 (Poor)     2     1 (Unacceptable)     N/A

comments: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

## f. Medical Physics II

Instructor \_\_\_\_\_

10 (Excellent)     9     8     7 (Good)     6     5 (Average)

4     3 (Poor)     2     1 (Unacceptable)     N/A

comments: \_\_\_\_\_

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*The Tarleton Physics faculty sincerely thank you for your input.*

### Physics Alumni Survey

**g. Solid State Physics**

**Instructor** \_\_\_\_\_

10 (Excellent)       9       8       7 (Good)     6     5 (Average)

4       3 (Poor)     2       1 (Unacceptable)     N/A

comments: \_\_\_\_\_

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**h. Cosmology**

**Instructor** \_\_\_\_\_

10 (Excellent)       9       8       7 (Good)     6     5 (Average)

4       3 (Poor)     2       1 (Unacceptable)     N/A

comments: \_\_\_\_\_

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**i. Advanced Quantum**

**Instructor** \_\_\_\_\_

10 (Excellent)       9       8       7 (Good)     6     5 (Average)

4       3 (Poor)     2       1 (Unacceptable)     N/A

comments: \_\_\_\_\_

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### Physics Alumni Survey

#### C. Mathematics Preparation (Overall)

10 (Excellent)       9       8       7 (Good)       6       5 (Average)

4       3 (Poor)       2       1 (Unacceptable)       N/A

comments: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

#### a. Calculus Sequence

10 (Excellent)       9       8       7 (Good)       6       5 (Average)

4       3 (Poor)       2       1 (Unacceptable)       N/A

comments: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
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#### b. Differential Equations

Instructor \_\_\_\_\_

10 (Excellent)       9       8       7 (Good)       6       5 (Average)

4       3 (Poor)       2       1 (Unacceptable)       N/A

comments: \_\_\_\_\_  
\_\_\_\_\_  
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\_\_\_\_\_



# Physics Alumni Survey

c. **Math Methods**

**Instructor** \_\_\_\_\_

- 10 (Excellent)    
  9    
  8    
  7 (Good)    
  6    
  5 (Average)
- 4    
  3 (Poor)    
  2    
  1 (Unacceptable)    
  N/A

comments: \_\_\_\_\_

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### Additional Information

Advanced degrees completed since graduation from Tarleton:

- M.S. in \_\_\_\_\_ from \_\_\_\_\_
- Ph.D. in \_\_\_\_\_ from \_\_\_\_\_
- M.D. from \_\_\_\_\_
- Other: \_\_\_\_\_

Compared to your peers/coworkers, how do you rank your performance?

- 5 (Significantly exceeds my peers/coworkers)
- 4
- 3 (About the same as my peers/coworkers)
- 2
- 1 (Significantly below my peers/coworkers)

Did you do undergraduate research at Tarleton or as part of an REU? If yes, was the experience rewarding?

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*The Tarleton Physics faculty sincerely thank you for your input.*

## Physics Alumni Survey

How do you feel your overall physics education compares to your peers from other institutions and give any basis for you evaluation?

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What are things that you most valued about your experience as a Physics Major at Tarleton?

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What attracted you to Physics over some other major?

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*The Tarleton Physics faculty sincerely thank you for your input.*

## Physics Alumni Survey

If you were to start over again would you still major in Physics at Tarleton?

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What are weaknesses or things that you wish were different about the Physics program at Tarleton?

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Would you recommend the Tarleton Physics program to potential students?

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Any Additional comments: \_\_\_\_\_

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*The Tarleton Physics faculty sincerely thank you for your input.*