

# FOCUS ON

# POST-SECONDARY TEACHER

Houston Gulf Coast Region\*

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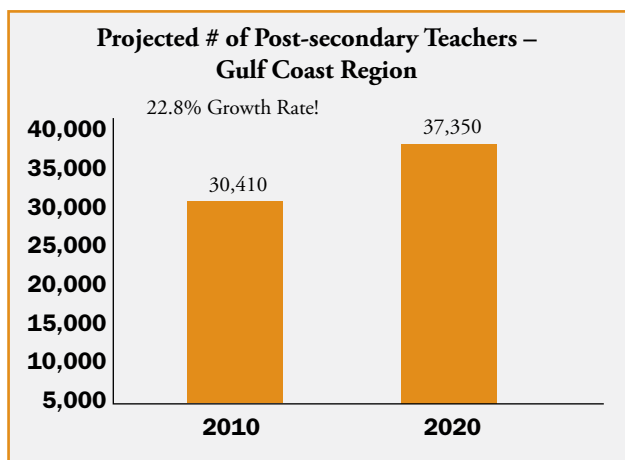
## **'HIGHER LEARNING' IS HIRING ... BE A POST-SECONDARY TEACHER!**

Have you ever considered becoming a college professor?

If so, there are plenty of incentives for pursuing your interest. Post-secondary teachers instruct students in a wide range of subjects after high school. In addition, many do research in their area of specialization. Post-secondary teachers must constantly keep up with current events, new research and literature, which makes this a great choice for individuals who enjoy learning. Teaching is interesting, challenging, rewarding, and quite simply, a great opportunity. While college and university faculty make up the majority of post-secondary teachers, an increasing number work part time at community colleges and in alternative or vocational schools. Prospects are very good in the Gulf Coast region, which faces a growing need to increase the number of students pursuing careers in education.



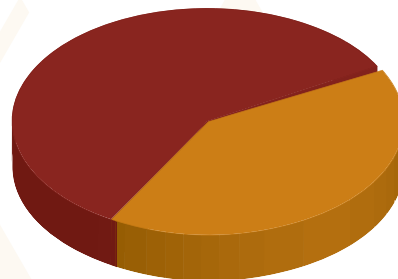
## **WE ANTICIPATE NEEDING MORE THAN 37,000 POST-SECONDARY TEACHERS IN THE GULF COAST REGION BY 2020.**



## **TEACHERS ARE NEEDED EACH YEAR.**

### **Post-secondary Teachers Annual Openings – Gulf Coast Region**

Annual Job Openings  
Due to Growth – 695



Annual Job Openings Due to  
Replacements – 485

Brought to you by the Education Committee of The Gulf Coast Workforce Board.  
For more information visit us on the Web at [www.wrksolutions.com](http://www.wrksolutions.com)  
Latest data available, June 2013.

\*Includes the following counties: Austin, Brazoria, Chambers, Colorado, Fort Bend, Galveston, Harris, Liberty, Matagorda, Montgomery, Walker, Waller, and Wharton.

  
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## POST-SECONDARY EDUCATION SPECIALTIES – GULF COAST REGION

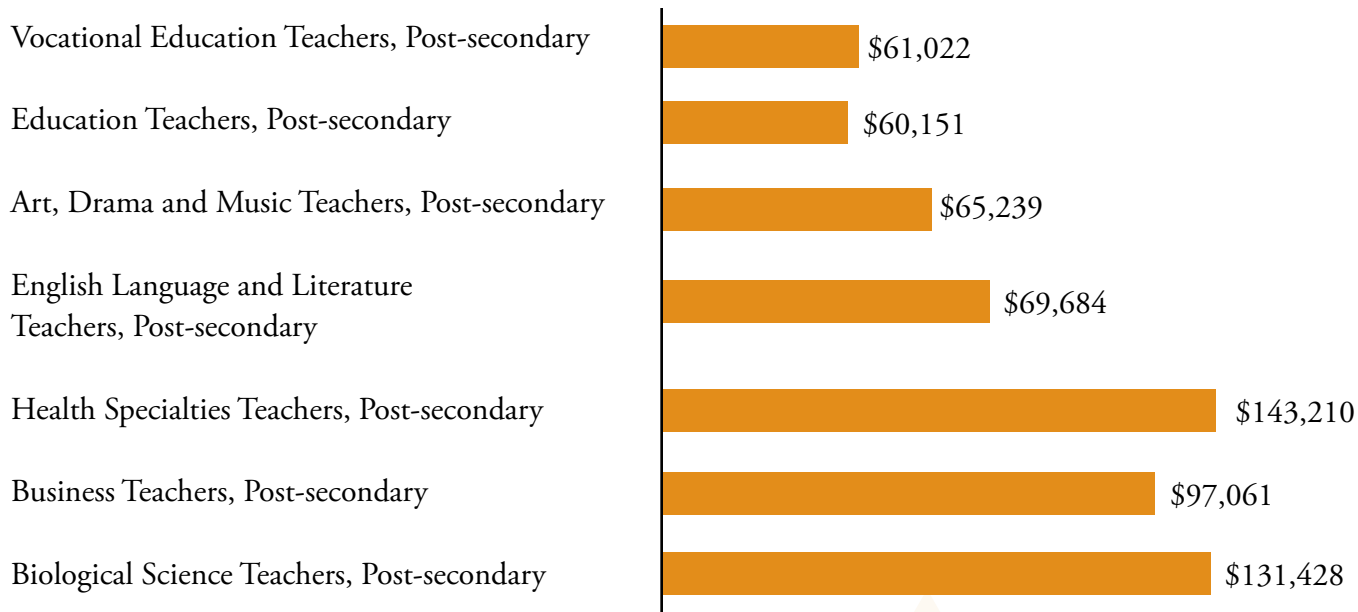
Occupation	Annual Average Employment		Number Change 2010-2020	Growth Rate 2010-2020
	2010	2020		
<b>POST-SECONDARY TEACHERS TOTAL</b>	<b>30,410</b>	<b>37,350</b>	<b>6,940</b>	<b>22.8%</b>
Health Specialties Teachers, Postsecondary	4,480	5,490	1,010	22.5%
Vocational Education Teachers, Postsecondary	3,280	4,200	920	28.0%
Graduate Teaching Assistants	3,240	3,790	550	17.0%
Art, Drama, and Music Teachers, Postsecondary	1,530	1,900	370	24.2%
Business Teachers, Postsecondary	1,510	1,870	360	23.8%
English Language and Literature Teachers, Postsecondary	1,380	1,710	330	23.9%
Postsecondary Teachers, All Other	1,400	1,700	300	21.4%
Nursing Instructors and Teachers, Postsecondary	1,280	1,600	320	25.0%
Mathematical Science Teachers, Postsecondary	1,230	1,530	300	24.4%
Biological Science Teachers, Postsecondary	1,210	1,470	260	21.5%
Education Teachers, Postsecondary	1,160	1,410	250	21.6%
Engineering Teachers, Postsecondary	850	1,010	160	18.8%
Psychology Teachers, Postsecondary	650	800	150	23.1%
History Teachers, Postsecondary	620	770	150	24.2%
Communications Teachers, Postsecondary	610	750	140	23.0%
Computer Science Teachers, Postsecondary	520	650	130	25.0%
Political Science Teachers, Postsecondary	520	640	120	23.1%
Law Teachers, Postsecondary	510	620	110	21.6%
Foreign Language and Literature Teachers, Postsecondary	500	620	120	24.0%
Agricultural Sciences Teachers, Postsecondary	460	540	80	17.4%
Philosophy and Religion Teachers, Postsecondary	380	480	100	26.3%
<b>POST-SECONDARY TEACHERS, NUMEROUS OTHERS!</b>	<b>3,090</b>	<b>3,800</b>	<b>710</b>	<b>23.0%</b>

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## POST-SECONDARY TEACHERS EARN GOOD SALARIES.

### Average Annual Salary Gulf Coast



## A LOOK AT THE PATHWAY TO BECOMING A POST-SECONDARY TEACHER.

Qualifications can vary greatly depending on the field of study and type of educational institution. While many four-year colleges and universities require a doctorate degree, one can break into the field of teaching without it. There are exceptions and the following may help answer some questions:

- Technical and trade schools require varying levels of education completion and often seek industry experience as well as industry certifications, depending on the area of instruction.
- Community colleges generally require at least a master's degree and frequently require a doctorate degree.
- A doctorate degree will be required to hold a professor position at most four year colleges and universities.
- Faculty positions at universities involved in research will likely have additional requirements that include post doctoral studies and published research studies.



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## Additional Information

- Professional societies related to a field of study often provide information on academic employment opportunities.
- The Preparing Future Faculty (PFF) program provides doctoral students, some master's and postdoctoral students with opportunities to observe and participate in faculty duties at a variety of academic institutions: **[www.preparing-faculty.org](http://www.preparing-faculty.org)**
- For information on post-secondary career and technical education teaching positions, contact the Career and Technology Association of Texas (CTAT): **[www.ctat.org](http://www.ctat.org)**
- The Association for Career and Technical Education (ACTE) provides general information on adult and career and technical education: **[www.acteonline.org](http://www.acteonline.org)**



## PREPARING FOR A CAREER AS A POST-SECONDARY TEACHER

Suggested coursework for post-secondary teachers depends upon the area of study. Please review occupational profiles related to the desired area of instruction to determine suggested coursework for grades 9 through 12, as well as the related post-secondary training available in the Gulf Coast region.

## MAJOR EMPLOYERS IN THE GULF COAST REGION

### COMMUNITY COLLEGES

- Alvin Community College
- Brazosport College
- College of the Mainland
- Galveston College
- Houston Community College System
- Lee College
- Lone Star College System
- San Jacinto College
- Wharton County Junior College

### UNIVERSITIES

- Houston Baptist University
- Prairie View A&M University
- Rice University
- Sam Houston State University
- Texas Southern University
- Texas Woman's University
- University of Houston
- University of St Thomas
- University of Texas Health Science Center of Houston
- University of Texas Medical Branch

### MAJOR BUSINESS, TECHNICAL, TRADE SCHOOLS, AND PRIVATE COLLEGES IN THE GULF COAST REGION

- The Academy of Healthcare Professions
- The Art Institute of Houston
- College of Biblical Studies
- Everest (formerly National Institute of Technology)
- ITT Technical Institute
- Remington College
- Sanford-Brown College
- South Texas College of Law
- Texas Chiropractic College
- Texas School of Business
- Universal Technical Institute

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