

# Economic Success Metrics for Higher Education

**HB 2443**

Rep. Chad Magendanz | 5<sup>th</sup> LD

Rep. Reuven Carlyle | 36<sup>th</sup> LD

01/28/2014

# Sample Report

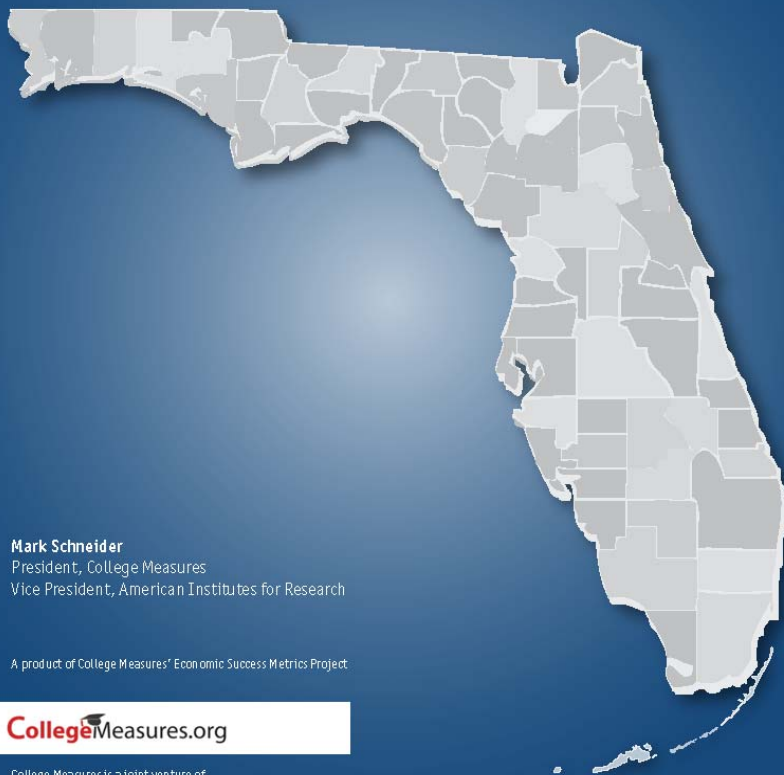
<http://www.collegemeasures.org/esm/>

## **HIGHER EDUCATION PAYS:**

Measuring the Economic Security of Florida's Postsecondary Graduates

# Higher Education Pays:

## Measuring the Economic Security of Florida's Postsecondary Graduates



**Mark Schneider**  
President, College Measures  
Vice President, American Institutes for Research

A product of College Measures' Economic Success Metrics Project

**CollegeMeasures.org**

College Measures is a joint venture of  
the American Institutes for Research®  
and Matrix Knowledge Group

## Executive Summary

This report, the result of a partnership between the State of Florida and College Measures, focuses on the median first-year earnings of recent graduates/completers from two-year and four-year institutions across Florida as well as District Technical Centers. It documents the variation in first-year earnings for graduates of specific degree programs at specific colleges and universities. The report also presents data on the percentage of graduates/completers from various institutions that are receiving public assistance, as well as the percentage enrolled in continuing education. Debt accumulated by students, not just graduates, also is reported. The results show that the degrees and certificates students earn, and where they earn them, matter.

The data source for information contained in this report is the Florida Department of Education's Florida Education and Training Placement Information Program (FETPIP). The Office of Student Financial Assistance also contributed. The data discussed in this report reflect outcomes for graduates/completers in their first year after graduation for a five-year period from academic years 2006–07 through 2010–11.

### *Among the findings in this report:*

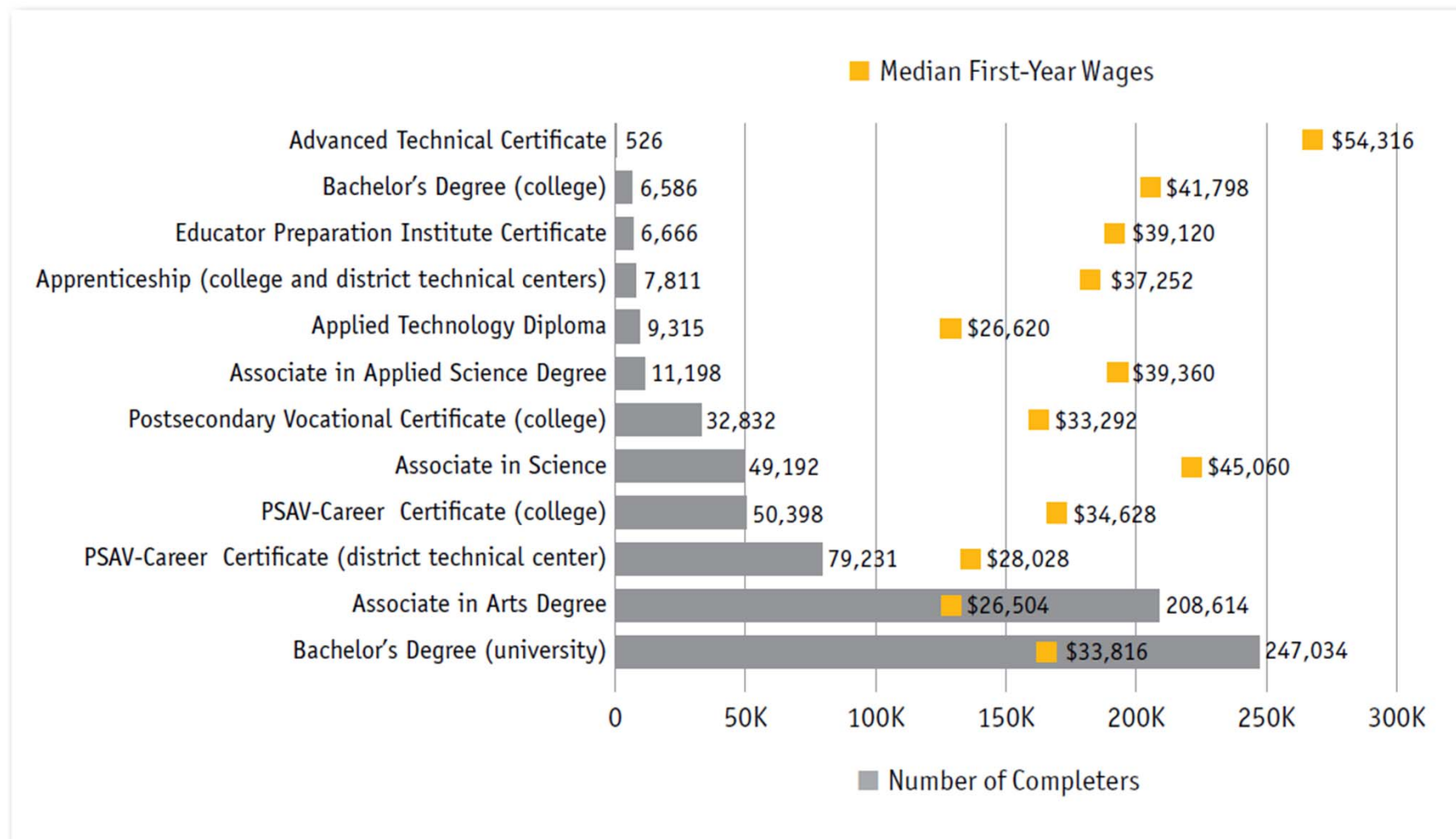
#### Florida State Colleges and District Technical Centers

- The bachelor's degree and the associate of arts (A.A.) degree, designed as a pathway to the bachelor's degree, are the two most commonly awarded degrees in Florida. The median first-year earnings of graduates with these degrees are lower, however, than those of graduates of many other degree and certificate programs. For example, graduates with an associate in science (A.S.) degree have median earnings that are more than \$11,000 higher than graduates with bachelor's degrees and almost \$20,000 higher than graduates with A.A. degrees who are in the labor market.
- The graduate's field of study can greatly affect early career earnings. The median first-year earnings of a graduate with an A.S. degree in child care provider/assistant are around \$25,000. A graduate with an A.S. degree in nursing can expect twice as much, and graduates who earned an A.S. degree as an emergency medical technician—paramedic can expect even more.
- There is a range of median first-year earnings across programs awarding the same degree in the same field of study. Median first-year earnings for emergency medicine technology—paramedic range from less than \$50,000 (College of Central Florida and Santa Fe College) to around \$65,000 or more (Palm Beach State College, Miami Dade College, Indian River State College, Edison State College, and Broward College).

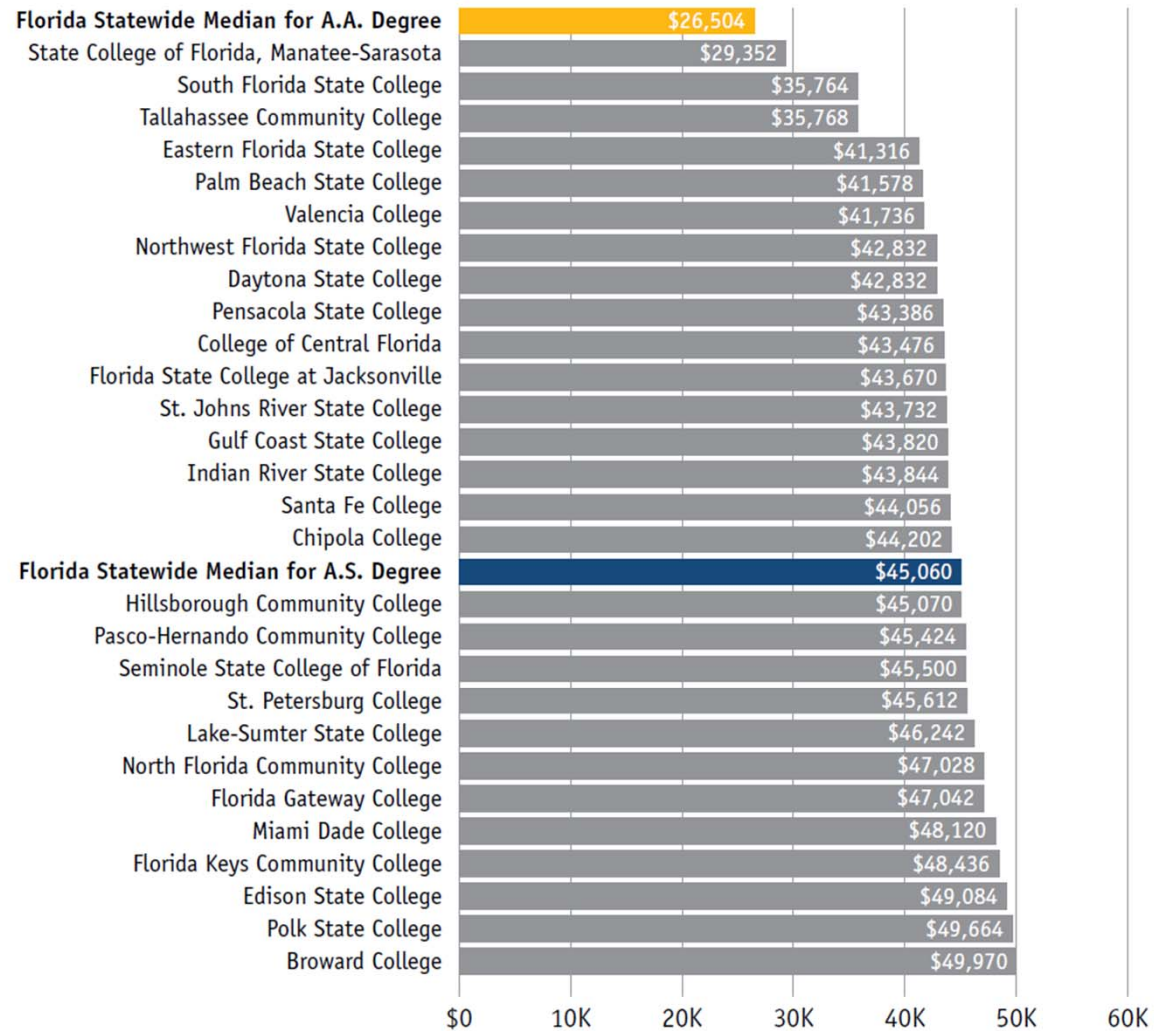
**Table 1: Highest and Lowest First-Year Earnings of State University System Graduates With Bachelor's Degrees, by Institution and Program**

Institution (University)	Program	Median First-Year Earnings
<b>Lowest First-Year Earnings of Graduates With Bachelor's Degrees</b>		
The University of West Florida	Drama and Dramatics/ Theatre Arts, General	\$19,548
University of Florida	Russian Language and Literature	\$19,700
University of Florida	Botany/Plant Biology	\$20,040
University of Florida	Entomology	\$20,660
Florida International University	Physics, General	\$20,704
The University of West Florida	Anthropology	\$20,898
<b>Highest First-Year Earnings of Graduates With Bachelor's Degrees</b>		
The University of West Florida	Electrical and Electronics Engineering	\$58,700
University of Florida	Electrical and Electronics Engineering	\$59,300
Florida Atlantic University	Nursing/Registered Nurse	\$60,220
University of Florida	Nuclear Engineering	\$67,842
University of Florida	Fire Science/Firefighting	\$69,756

**Figure 1: Median First-Year Earnings and Number of Postsecondary Credentials Awarded, Academic Years 2006–07 Through 2010–11**

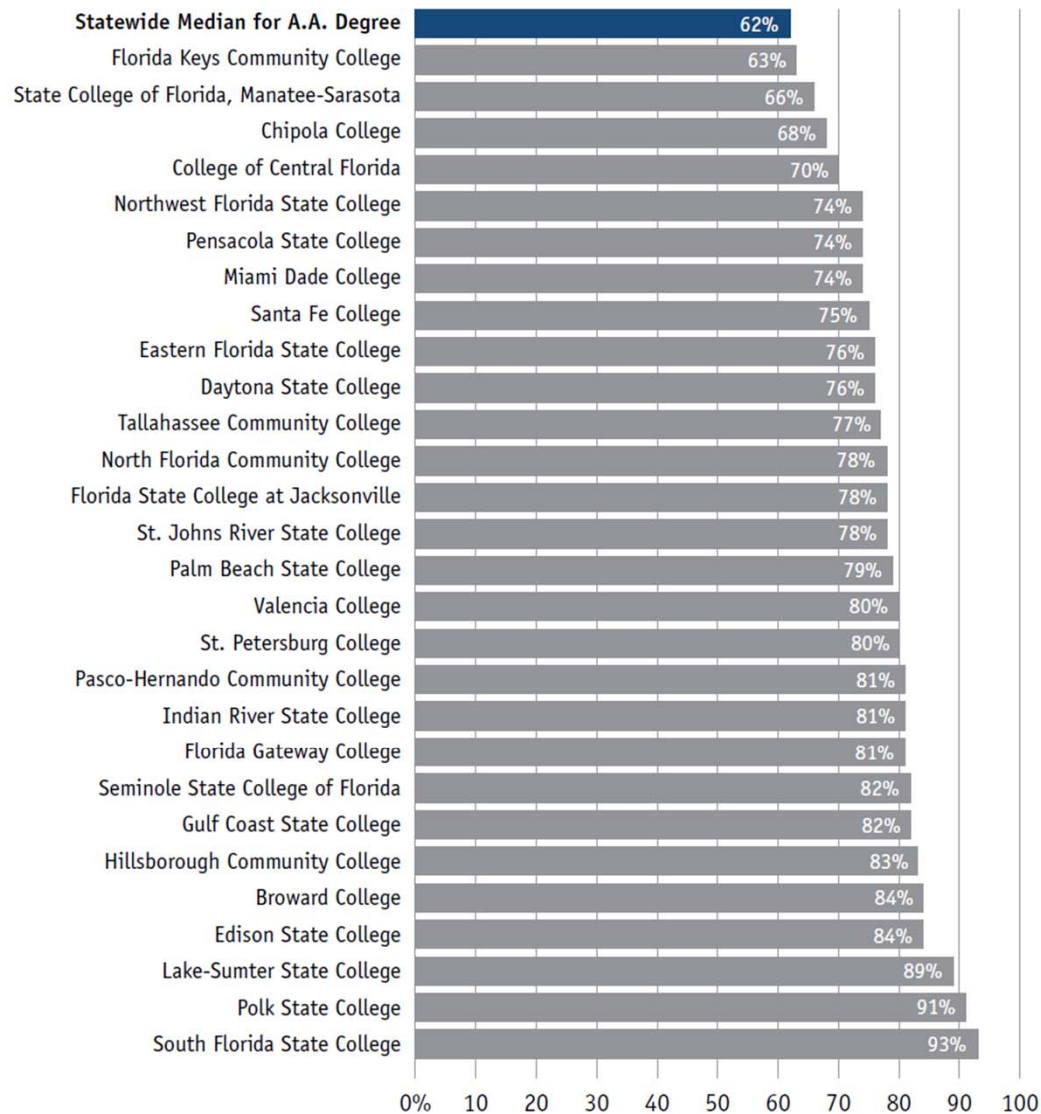


**Figure 3: Median First-Year Earnings of Graduates With A.S. Degrees, by College**





**Figure 4: Total Percent of Graduates With A.S. Degrees Employed, by College**



# Sample Website

<http://beyondeducation.org/>

**FLORIDA**



# A New Website with Key Facts About Education Outcomes In Florida

Higher education is a huge investment. Having a clear understanding of the cost and compensation commanded by certain degrees helps.

This website aims to provide parents and students with postsecondary school information that will help them to make informed education and career choices.

## Degree Types - What you Study Matters

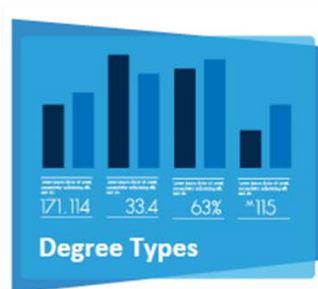
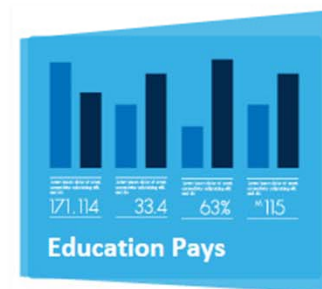


Nursing - Bachelors: \$53,812

Psychology - Bachelors: \$28,852

The website will include information on employment and earnings outcomes of graduates of the State University System, the Florida College System and District Technical Centers as well as other important information.

The following pages preview the consumer data that will be available.



# Beyond Education

[Home](#) [About](#) [Methodology](#) [Other Resources](#) [Contact](#) [College Measures](#) [Explore Data](#) [ES Report](#)

## Top Programs.

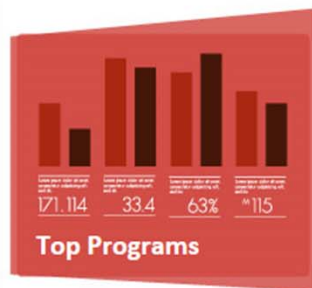
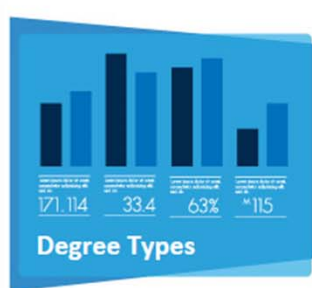
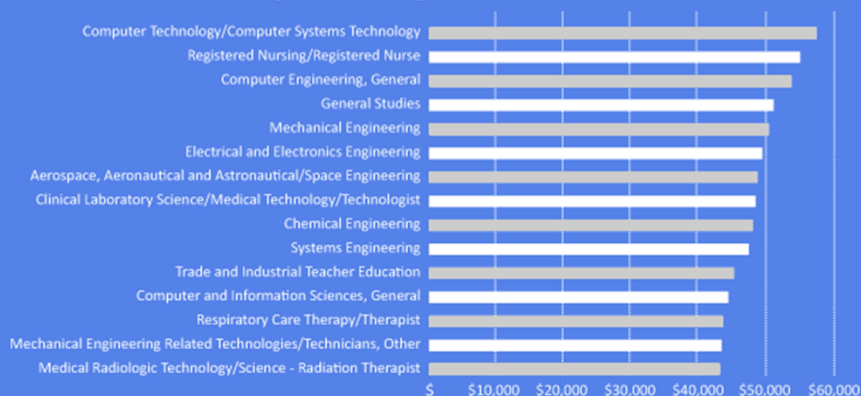
While choice of college and major should be driven by personal interest and skills, knowing about the top degree programs and wages of recent graduates can help students choose a program that best meets their long term career goals.



### Top 15 Bachelor's Programs in Florida by Average Wage

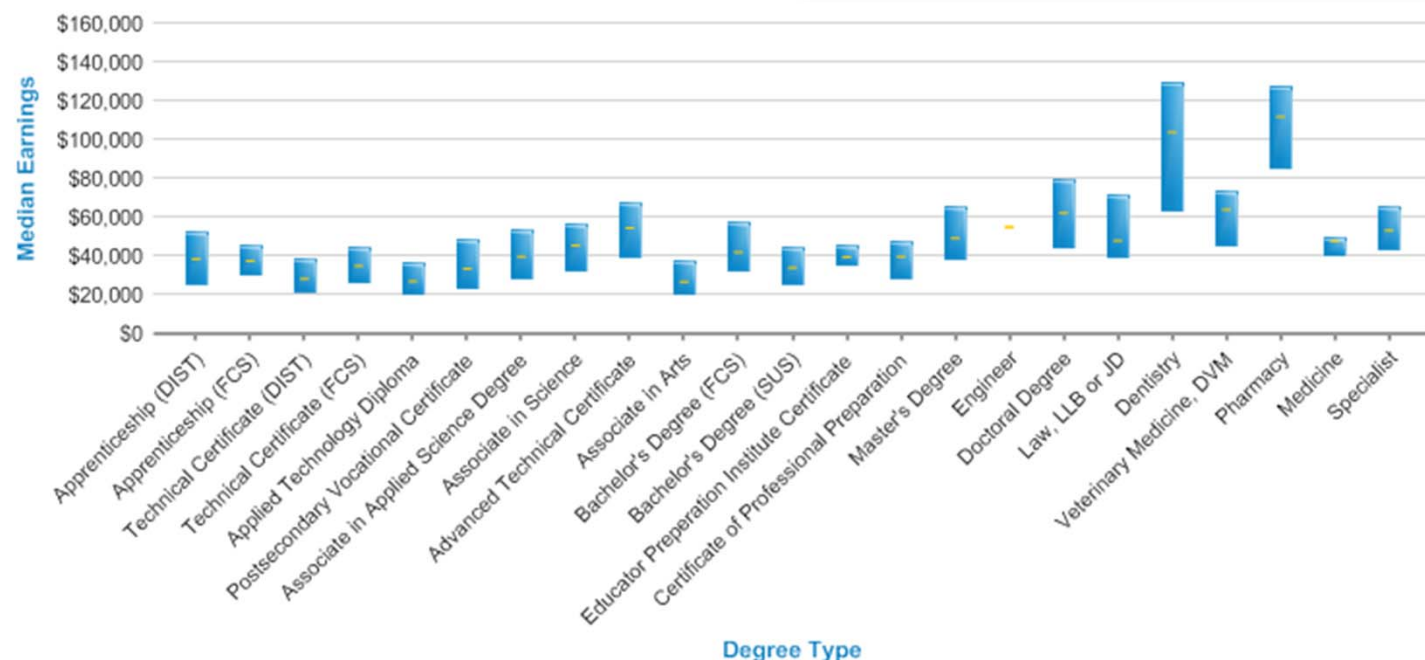
Source: Florida Education and Training Placement Information Program (FETPIP)  
2010-11 Graduates - First Year After Graduation

#### Top 15 Bachelor's Programs by Wages



## Economic Success Measures - Florida

1st Year Outcomes for 5 graduating classes (2006/07 - 2010/11)



Select an Educational Institution

GO

or

Step 1: Select a Study Area

Step 2: Select a Program

GO

## Economic Success Measures - Florida

[Back to home page](#)

### Area of Study

### Computer and Information Sciences, General

Area of Study (CIP) Code: [11.0101]

### Area of Study Description

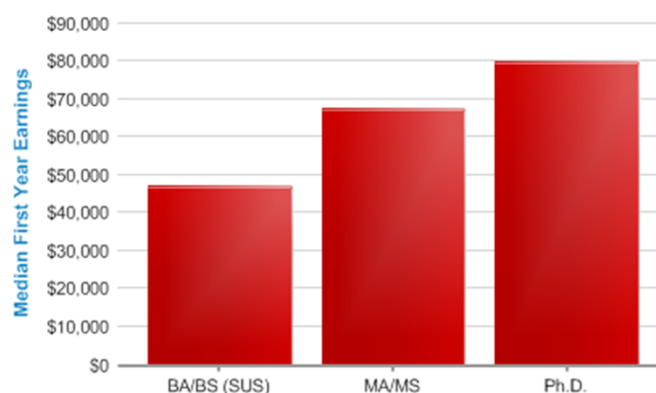
A general program that focuses on computing, computer science, and information science and systems. Such programs are undifferentiated as to title and content and are not to be confused with specific programs in computer science, information science, or related support services.

### Step 1: Select a Study Area

### Step 2: Select a Program

GO

### Median First Year Earnings by Degree Level



1st Year Outcomes for 5 graduating classes (2006/07 - 2010/11)

### Detailed Breakdown 1st Year Outcomes for 5 graduating classes (2006/07 - 2010/11)

Degree Level	Institutions with Disclosable Programs	# of Graduates/Completers	Total Found Employed Percent	Total Found Employed Full Time Percent	Median First Year Earnings	Found Continuing Education Percent	Public Assistance Percent
⊕ Bachelor's Degree	10 institutions	2,148	62 %	56 %	\$47,324	21 %	1 %
⊕ Master's Degree	8 institutions	832	51 %	49 %	\$67,528	16 %	*
⊕ Doctoral Degree	4 institutions	135	28 %	28 %	\$79,864	1 %	*

# Sample Tools

**WAGE GROWTH PREDICTOR**

# WA School Tools

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## Wage Growth Predictor

This tool uses multiple regression analysis to forecast earning potential based on past performance. Use it to explore your higher education options and determine which path is right for you. [More info](#)

Average Entry-Level Wage: \$48,328  
 Your Projected Wage: \$54,283  
 20-year ROI: \$430,478

### ▼ Student Background

First we need some information about you to estimate your earning potential upon entering the workforce. This will establish a baseline for predicting your wage growth for each follow-on education option you explore.

- \$6,827

#### Gender:

- ☒ Male (51.6%) ..... + \$1,568  
☐ Female (48.4%) ..... - \$1,568

#### Race/Ethnicity:

- ☐ White (59.1%) ..... + \$3,785  
☒ Black (4.6%) ..... - \$2,548  
☐ Hispanic (20.4%) ..... - \$2,378  
☐ Asian (7.1%) ..... + \$5,783  
☐ Pacific Islander (0.9%) ..... - \$3,452  
☐ American Indian (1.6%) ..... - \$3,856  
☐ Other (6.3%) ..... - \$4,219

#### Special Programs:

- ☒ Free or Reduce-price Meals (46.1%) ..... - \$5,847  
☐ Special Education (13.0%) ..... - \$12,721  
☐ Transitional Bilingual (9.0%) ..... - \$4,827

### ▼ High School Experience

Whether you finish high school can make quite a difference in your earning potential, and despite our best efforts student outcomes from all high schools are not the same.

+ \$18,116

#### Completion Track:

- ☒ High School Diploma (72.9%) ..... + \$18,568



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### ▼ High School Experience

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#### Completion Track:

- ☒ High School Diploma (72.9%) ..... + \$18,568
- ☐ Equivalency Exam (2.6%) ..... - \$5,568
- ☐ Dropout (30.3%) ..... - \$5,812

#### High School:

A G West Black Hills High School	+ \$785
Academy of Citizenship and Empowerment	- \$548
Academy of Const and Engineering	- \$378
Almira Coulee Hartline High School	+ \$783
Anacortes High School	- \$452
Arlington High School	- \$856
Arts & Academics Academy	+ 398
Auburn Mountainview High School	+491
Auburn Riverside High School	+876
Auburn Senior High School	- \$847
Aviation High School	- \$1721
Bainbridge High School	- \$2,827

### ▼ Beyond High School

+ \$18,803

Here's your chance to explore all the different higher education options available to you. Select an option below and project the impact completing that program could have on your earningspotential.

# WA School Tools

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### ▼ Beyond High School

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+ \$18,803

#### Higher Education Track:

- ☒ Four-year University (49.2%) ..... + \$18,568
- ☐ Community College (12.6%) ..... + \$5,568
- ☐ Technical School (4.8%) ..... + \$3,892
- ☐ None (40%) ..... - \$8,234

#### Organization:

University of Washington	+ \$785
Washington State University	- \$548
Western Washington University	- \$378
Central Washington University	+ \$783
Eastern Washington University	- \$452
Evergreen State College	- \$856

#### Program of Study:

Accounting	+ \$785
Agricultural and Food Business Economics	- \$548
Agricultural and Food Systems	- \$378
Agricultural Biotechnology	+ \$783
Agricultural Education	- \$452
Agricultural Technology and Production Management	- \$856

Thank you.