

# TEXAS WORKFORCE COMMISSION

UPDATES AND MORE



# OBJECTIVES TODAY

- Introduce newest member of the TWC Training/Education team.
- Update users on what TWC has been doing.
- Showcase a few resources that will be available soon.
- Discuss plans for the future.
- Invite audience to participate or get involved.

# MICHELLE FLATT

## New TWC Education Specialist

### **She will:**

- Travel to schools to present to students, faculty, Counselors, staff, and parents.
- Help work on creating new, workforce-centered educational materials.

### **Her background:**

- 10 years, Economics development.
- 4 years, 21<sup>st</sup> Century CCLC Director
- 2 years, Executive Director for Camp Fire

# REALITY CHECK UPDATE

- TEA has approved the Foundation high school program endorsements alignments for over 800 occupations.
- The list is now in the hands of the TWC IT dept.
- Reality Check software will be updated to match these alignments with occupational info that is provided in the software.

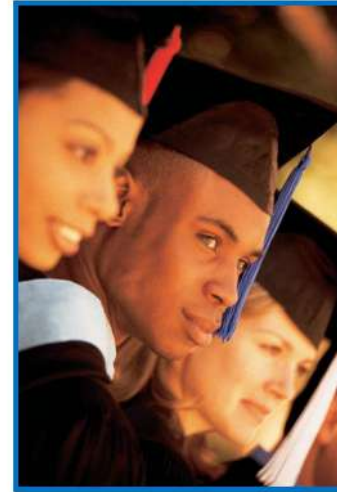


The screenshot shows the 'Texas Reality Check' website interface. At the top left is the Texas Workforce Commission logo. The main heading is 'Texas Reality Check'. Below the heading is a text block: 'Don't know how much money you will need to earn in the future? Don't know which occupation to choose? No problem! Below are three options to help you select the right career for your spending needs.' There are three main buttons: '1 Reality Check' (red), '2 Future Salary' (blue), and '3 Occupation Direct' (green). Each button has a brief description and a play button icon. The '1 Reality Check' button text reads: 'Get a Reality Check. You will buy "stuff" for a sample month. We total it up for a year, then we help you find careers that pay what you need. Let's start.' The '2 Future Salary' button text reads: 'Already know how much money you want to earn? Great! Enter the amount below and get information on which occupations pay that much.' The '3 Occupation Direct' button text reads: 'Already know which occupation you want to pursue? Click here to find how much you can buy with your chosen occupation.' At the bottom, there is a small text: 'If you need assistance, click the Help button.' and 'Brought to you by the Texas Workforce Commission & the Texas Education Agency'. A woman is standing in front of the screen, gesturing towards it.

# CHARTING YOUR COURSE

- Ready for release?
- What is it?
- Who is it for?
- When will it be available?

## CHARTING YOUR COURSE



A Guide for High School Students  
Pursuing Higher Education and Training





# WHAT IS INSIDE THESE BULLETINS?

## Career Cluster Alignments

## Sample Occupation List Based on Endorsements

So you think you might want to select the Arts and Humanities HB-3 endorsement option? This booklet is an informational booklet to help you browse through some of the relevant occupations that are aligned with the Arts and Humanities endorsement to help you decide if this is the right career path for you. In your mind, the information provided will only be a fraction of the career information available. We encourage you to use the information provided to help you decide if this is the right career path for you to research through. Therefore, if you are interested in a career that is not included, or simply want more information about some of the jobs listed in this booklet, please use the following three options to discover what you need to help you make the most informed decisions.

1. Call our 24-hour Hotline at 1-800-822-PLAN (7236)
2. Go to the Texas CARES website and search the World of Work
3. Visit the LMCJ website to see what available products may be available

The decisions you make as early as the 8<sup>th</sup> grade, and even sooner so, can have a significant impact on your future. You are lucky enough to discover what it is you are most passionate about, and we hope that by learning all that you can about potential careers in the area, you will allow you to foster that passion through your work. That is why the information provided in this booklet is hoping that by learning all that you can about potential careers in the area, you will have the knowledge you need to not only find a career that supports your interests, but also one that will provide you with the kind of financial support you will need to maintain the lifestyle you desire. Once you are no longer living with your parents. Therefore, enjoy the booklet, explore the options, and don't be afraid to talk to your parents, friends, teachers, Counselors, and us at the TWIC if you have questions.

Arts & Humanities Occupations can be Found in All of the Following Career Clusters



Familiar Career Cluster Icons

Students should bear in mind that there are many occupations out there for which they would benefit from obtaining an education or training that spans more than one endorsement area. This is when the Multi-Disciplinary Studies option can be a very useful approach. For example, if you are interested in working as an International Business Manager, you would definitely need to take courses within the Business & Industry endorsement, but you should also consider taking coursework included in the Arts & Humanities endorsement because that is the endorsement that covers foreign languages. There are also many occupations within the health industry that would straddle not only the STEM endorsement, but can also fall under the Public Service endorsement as well.

The following table consists of just some of the many occupations whose education and training opportunities could potentially span more than one endorsement area. Can you tell which endorsement options would best support each occupational title?

Sample Multi-Disciplinary Occupations		
Accountants & Auditors	Actors	Aerospace Engineering & Operations Techs
Athletic Agents & Managers	Anesthesiologists	Agricultural & Food Science Technicians
Architectural & Civil Drafters	Biomedical Engineers	Audio-Visual & Multimedia Collection Specialists
Budget Analysts	Chiropractors	Cardiovascular Technologists & Technicians
Choreographers	Clergy	Computer & Information Research Scientists
Commercial Pilots	Computer Programmers	Dental Laboratory Technicians
Desktop Publishers	Economists	Diagnostic Medical Sonographers
Environmental Engineers	Epidemiologists	Emergency Management Directors
Fashion Designers	Forensic Science Technicians	Gaming & Sports Book Writers & Runners
Genetic Counselors	Health Educators	Healthcare Practitioners & Technical Workers
Information Security Analysts	Interpreters & Translators	Jewelers & Precious Stone & Metal Workers
Legal Secretaries	Library Technicians	Licensed Practical & Licensed Vocational Nurses
Makeup Artists	Marriage & Family Therapists	Medical & Clinical Laboratory Technologists
Medical Transcriptionists	Multimedia Artists	Network & Computer Systems Administrators
Nursing Assistants	Nuclear Technicians	Office & Administrative Support Workers
Optometrists	Pharmacists	Personal Financial Advisors
Photographers	Physical Therapist Assistants	Proofreaders and Copy Makers
Physical Therapists	Psychiatrists	Postsecondary Educators (in various specialties)
Psychiatrists		Respiratory Therapy Technicians
		Speech-Language Pathologists
		Tailors, Dressmakers, & Custom Sewers
		Examiners, Collectors, & Revenue Agents
		Geologists & Wildlife Biologists

Numerous Job Titles

...opportunities available within this... the Texas Workforce Commission to help you enter a job title you are interested in. You will best matches the occupation you are... occupation titles will populate. Visit... software.

# WHAT IS INSIDE THESE BULLETINS?

## Recommended Learning Activities

### Recommended Learning Activity (for Use in a Classroom)

**Materials Needed:** Paper, pen or pencil, computer with PowerPoint, and internet access, and the Texas CARES website.

#### Directions:

- Before the session, create a PowerPoint with slides of the occupations listed in each category of career clusters.
- Divide students into five teams to cover each group.
- Assign each group one category and allow them to research. You can choose to have groups focus on the following:
  - Define occupations
  - Research and provide labor market information
  - Define or explain why specific occupations are in that category
  - Explain what education or licensing is required
  - Determine where students could get training
- Allow some time for the groups to create the main points they feel are most important to answer their questions.
- Students should then be allowed to conduct research as a team. The Texas CARES website, [www.texascaresonline.com](http://www.texascaresonline.com), to perform their investigation.
- When research is complete, groups would work together on a presentation (to include visual aids) to answer their assigned discussion questions to the class as a whole.
- Each group will conduct a team presentation.
- The audience should be encouraged to discuss what they know about the questions and occupations, or to ask questions of their own.
- Ensure that everyone is taking notes.

#### Alternative Methods: The Onion Peel

- In one class session, present a series of PowerPoint slides that presents each grouping of career clusters and the occupations that have been identified in each set. Using half-sheets of paper, have students write down as many questions as they want about each slide, ensuring that each question is written on a different piece of paper. Collect all questions.
- Review questions on your own, eliminating any duplicates or inappropriate questions. Crumple one question into the shape of a small ball. Continue wrapping each additional question around the ball and crumpling together to create something resembling an onion.
- In a second class session, toss your onion to one student and have them read the question on the paper aloud.
- Encourage discussion to potentially answer questions as you can, but also have computer and projector set up so that you can utilize the Texas CARES website to answer difficult questions. Ensure students take notes.
- Toss the onion to the next student and repeat until all questions are answered.

When the exercise is complete, teachers can check-in with students to verify they gathered the information shared by completing a quick, oral or written exercise that have students answering questions that relate to information shared in presentations or the answering of questions.

## Class Lesson Examples

## Labor Market Information on Specific Careers

### The Real Deal: Using Labor-Market Statistics to Filter through Career Options

There are a lot of reasons why students make the final decisions they do about career prospects and interests. If we are being honest here, we would admit that the one measurement that probably has the biggest impact in regard to decision making is the amount of money one can earn in any given occupation. Although that is, agreeably, a critical component for the deliberation stage of the career selection process, it is not the only labor-market statistic that students should be considering to narrow down their career options.

Take a look at the following labor market statistics for a few jobs in the Business & Industry fields to see other vital information you can discover on the Texas CARES website. Use this information as a guide to help you determine your search criteria.

#### Welders

**Job Description:** Use hand-welding, flame-cutting, hand soldering, or brazing equipment to weld or join metal components or to fill holes, indentations, or seams of fabricated metal products.

#### Significant Points:

- About 2 out of 3 jobs in this occupation are in manufacturing industries.
- Training ranges from a few weeks to several years of school and on-the-job training.
- Job prospects should be good for skilled welders because employers are reporting difficulty finding enough qualified people.

Projected state employment for 2022	57,610
Education needed:	High School Diploma + Training
Annual Wage:	\$39,950
Turnover:	Low

#### Administrative Assistants

**Job Description:** Perform routine clerical and administrative functions such as drafting correspondence, scheduling appointments, organizing and maintaining paper and electronic files, or providing information to callers.

#### Significant Points:

- This occupation is one of those with the largest number of job openings.
- Job prospects would be best for applicants with experience in the use of computer software applications.

Projected state employment for 2022	230,220
Education needed:	High School Diploma + Training
Annual Wage:	\$31,470
Turnover:	Low

#### Pastry Chef/ Bakers

**Job Description:** Prepare and produce breads, rolls, cookies, cakes, pies, pastries, or other baked goods.

- Processing jobs require excellent attention to detail.
- Excellent job training and attention to detail.
- Demand.

Projected state employment for 2022	14,210
Education needed:	Long term on-the-job training
Annual Wage:	\$22,210
Turnover:	Average

## Job descriptions, outlooks, and wage info.



# WHAT IS INSIDE THESE BULLETINS?

## Interviews with Employees in Specific Fields/Industries

**Long-Term Career Projections**

- How has your job changed over time?
- What's the next step in your career path?
- What will occupation title be doing 10 years from now?

**Career and Life-long Learning**

- What information do you need to keep up with in your field (and where do you get it)?
- What particular skill or function do you use often in your work that surprises you or you weren't expecting would be needed?
- What new skills did you need to learn on-the-job in order to complete your duties?

**Career and Community**

- How do engineers and scientists differ?
- How does being a \_\_\_\_\_ benefit other people in your community/ the world?
- Tell me a funny story of something that happened to you at work.
- Describe something that moved you while on the job.
- What makes space habitats unique? (\* For a space station designer)
- What are you researching/studying/working on right now?
- Please tell me more about solving the \_\_\_\_\_ problem.

<b>What You Need to Know . . .</b>	<b>THE JOB IN BRIEF</b>	
	Job Title:	
	Employer:	
	Description:	
	Travel:	
Hours/week:		
<b>SKILLS AND EDUCATION NEEDED</b>		
Education:		
Science:		
Math:		
<b>OTHER COMMON JOB TITLES</b>		
Medical Radiation Dosimetrist	Radiation Safety Officer	Isotope Technician
Nuclear Cardiology Technologist	Radioisotope Technologist	Radiologic Tech.
<b>FOR MORE INFORMATION</b>		
This specific career:		
Topic of study or working for		
...		
Person's personal work or research:		
For the rest of this interview, select <i>Why Study This??</i> at <a href="http://www.">www.</a>		

## What is happening with these publications now?

- In the content-approval process.
- Interviews still need to be captured.
- Once publication is complete, they will need to be state-level approved.
- Distribution projected SUMMER 2015.

# PLAN TO BRIDGE GAPS

- TWC taking the lead to set up collaboration opportunities among:
  - TWC
  - TEA
  - ESCs
  - WDAs
  - CTE Programs
  - ISD Leadership, faculty, and staff
- What is the plan/vision?
  - Conference-style, one-day events
  - Everyone participating in the same conversations.

# WANT TO BE INVOLVED?

- Contact us with:
  - Who you think we need to be talking to.
  - Region-specific information that connects labor market needs with educational opportunities.
  - CTE program ideas.
  - CTE program needs.

Email: [careerinformation@twc.state.tx.us](mailto:careerinformation@twc.state.tx.us)

# WANT TO BE NOTIFIED?

- To be added to our mailing list:
  - Email [careerinformation@twc.state.tx.us](mailto:careerinformation@twc.state.tx.us)
  - Call our hotline 1-800-822-PLAN (7526)
- You will get notifications regarding:
  - Publication releases/updates
  - Software releases/updates
  - Webinar announcements
  - Newsletter announcements
- To get TWC legislative updates
  - Scan the QR code on the right



# NEED A SPEAKER

- Career Fairs
  - In-Service events
  - Informative presentations
  - Workshops or presentations for:
    - Faculty, Staff, Parents and Students
- 
- Will travel
  - Will customize
  - And it's FREE

# CONTACT INFORMATION

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THANK YOU

**What questions do you have?**

