

Welcome to **PATHWAYS**, a goal planning guide that matches student interests to education and career paths in preparation for entry into the 21st century job market.

**Pathways encourages students to prepare for their future now!**

**Fact:** 84% of high school students anticipating earning a college degree, are unlikely to prepare for a career following high school.

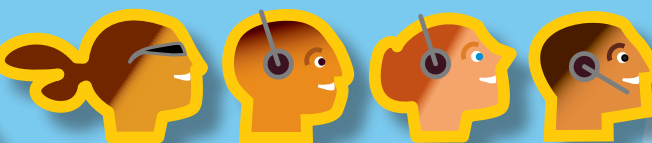
Rosenbaum, J. E. (2002). *Beyond Empty Promises: Policies To Improve Transitions into College and Jobs. U.S.; Illinois: 42*

**Pathways encourages students to plan, choose and set goals**

**Students** use Pathways to investigate a wide range of career choices.

Pathways make it easier for students to understand the relevance of required courses and to select elective courses more wisely. Pathways identifies and groups courses within Career and Technical Education (CTE) programs of study that offer students depth of knowledge and skill, linked with specific post-secondary programs leading to degrees or certificates.

**LOOK!  
CAREER PATHWAYS,  
CHECK THE ONE YOU  
LIKE BEST!**



**OPPORTUNITY EXPRESS**

**Pathways encourages student / parent collaboration**

**Parents** learn what academic and technical courses their children

need for college and a variety of career fields. Pathways and the high standards that go with them reassure parents that their children will be fully prepared for college and the workplace.

A major benefit is that students make a smoother entry into postsecondary education and complete a degree in a shorter time period. Students also make better career decisions having had the opportunity to experience their field before making huge investments in education and training.

**Arts, Media & Entertainment**



**If you prefer:**

Being creative  
Working with programs  
Applying your leadership skill  
Technical information

**Consider these careers:**

Videographer  
Graphic Designer, Animator  
Web Designer  
Sound Engineer, Music Mixer  
Scientific Illustrator  
Choreographer  
Producer, Editor  
Technical Director  
Set / Lighting Designer  
Scriptwriter

**Middle School courses:**

Photography\*  
Stage Productions  
Technology Lab

**High School courses:**

Cinematography\*  
Community College Media  
ROP Animation\*  
ROP Professional Dance\*  
Technical Literacy\*  
Technical Theater\*

**Community College courses:**

Art  
Dance  
Theater Arts  
Game  
Cinematography  
Articulated Media

**Building Trades & Construction**



**If you prefer:**

Working with your hands?  
Working outdoors  
Organizing projects

**Consider these careers:**

Electrical Apprentice  
Mechanical Apprentice  
Plumber  
Electrician  
Engineer  
Surveyor  
Contractor  
Construction Management  
Architect

**Middle School courses:**

Technology Lab  
Wood Shop\*

**High School courses:**

Construction Technology  
Academy\*  
Construction 1-6\*  
• ROP Construction Academy\*  
• Tech Cabinetry\*  
• ROP Wood Products Manufacturing\*

**Community College courses:**

Construction  
Cabinetry

**Education, & Family Services**



**If you prefer:**

Working with children  
Organizing things and keeping good records  
Being creative  
Communicate well with others

**Consider these careers:**

Child Care Provider  
Preschool Aide  
After-School Program  
Supervisor  
Preschool Teacher  
Teachers Aide  
Preschool Director  
Teacher  
School Administrator  
Child Psychologist  
School Counselor

**Middle School courses:**

Growing Up Ready\*

**High School courses:**

Child Development\*  
ROP Child Development\*

**Community College courses:**

Child Development

**Engineering & Design**



**If you prefer:**

Finding new ways to do things  
Building things  
Technical information  
Using technology  
Science projects

**Consider these careers:**

Computer Repair  
Apprentice Technician  
Electrician  
Computer Networking Tech  
Network Administrator  
Computer Engineer  
Journeyman Engineer  
Electrical Engineer  
Industrial Engineer  
Telecommunications  
Engineer

**Middle School courses:**

Technology Lab

**High School courses:**

ROP Robotics\*  
(Oceanographic Study)  
ROP Intro to Engineering\*  
Robotics\*

**Community College courses:**

Electronics  
Engineering

**Finance & Business**



**If you prefer:**

Being a leader  
Organizing activities  
Persuading others to see things your way  
Competing in team sports  
Being with people

**Consider these careers:**

Claims Clerk  
Insurance Appraiser  
Claims Examiner  
Underwriting Assistant  
Budget Analyst  
Finance Director  
Financial Planner  
Securities Manager

**Middle School courses:**

Computer Applications\*\*

**High School courses:**

BETA Academy\*  
• ROP Business Tech\*  
• ROP Virtual Business\*  
• ROP Intro to Law\*

**Community College Courses:**

Business Administration  
Business Accounting

**Health Sciences & Medical Tech**



**If you prefer:**

Doing experiments  
Helping people  
Being calm in a crisis  
Listening well to others

**Consider these careers:**

Biotechnology Assistance  
Medical Lab Aide  
Biotechnology Technician  
Biomedical Chemist  
Biostatistician  
Radiology Tech  
Medical Lab Tech  
Radiologist  
Nurse  
Doctor

**Middle School courses:**

Science

**High School courses:**

Medical and Science  
Academy\*  
• ROP Biotechnology\*  
• ROP EMR\*  
• ROP Hospital Occupations\*

**Community College courses:**

Nursing  
EMT

**Hospitality, Tourism & Recreation**



**If you prefer:**

Leading and Coordinating  
Structure and Organization  
Creating Excitement  
Meal Preparation and Presentation  
Working with your hands

**Consider a career in:**

Line Cook  
Pastry Chef Assistant  
Caterer  
Pastry Chef  
Chef  
Food Service Manager  
Sous Executive Chef  
General Manager  
Food Service Director  
Food & Beverage Analyst

**Middle School courses:**

Foods 7/8

**High School courses:**

Foods 1-6  
ROP Bistro

**Community College courses:**

Culinary Arts  
Hospitality

**Information Technology**



**If you prefer:**

Working with computers  
Gathering, calculating and using information  
Reading and learning about new inventions  
Technical information

**Consider these careers:**

Administrative Assistant  
Desktop Publisher  
Information System  
Specialist  
Software Engineer  
Information Systems  
Architect  
IT Director  
Chief Technology Officer  
Network Administrator  
Network Engineer  
Network Manager/Director

**Middle School courses:**

Technology Lab  
Computer Applications\*\*

**High School courses:**

ROP Graphic Communications\*

**Community College courses:**

Graphic Communications

**Manufacturing & Product Devel.**



**If you prefer:**

Being creative  
Hands-on activities  
Working with time lines and deadlines  
Working with your hands  
Seeing a product emerge from your work

**Consider these careers:**

Desktop Publisher  
Printing Equipment Operator  
Pre-Press Designer  
Production Manager  
Graphic Artist  
Publisher  
Product Developer  
Graphic Designer

**Middle School courses:**

Technology Lab  
Computer Applications\*\*

**High School courses:**

ROP Graphic Communications\*

**Community College courses:**

Graphic Communications

**Marketing Sales & Services**



**If you prefer:**

Leading and Coordinating  
Organizing activities  
Working with your hands  
Persuading others  
Promoting Goods and Services to Motivate

**Consider these careers:**

Customer Service Rep  
Account Supervisor  
E-commerce Specialist  
Sales Representative  
International Trade Specialist  
Marketing Research Analyst  
Entrepreneur / Franchisee  
Chief Executive Officer  
Account Executive

**Middle School courses:**

Computer Applications\*\*  
Technology Lab

**High School courses:**

ROP Graphic Communications\*

**Community College courses:**

Graphic Communications

**Public Services**



**If you prefer:**

Helping people  
Working outdoors  
Writing reports  
Being physically active  
Science projects

**Consider these careers:**

Attorney  
Security Guard  
Emergency Medical  
Technician  
Parking Enforcement  
Police Officer  
Firefighter  
Paramedic  
CSI  
Customs Official  
Federal Marshall  
FBI/ATF/DEA Agents

**Middle School courses:**

Science

**High School courses:**

Police and Fire Academy\*  
• ROP Police and Fire\*  
• ROP EMR\*

**Community College courses:**

EMT  
Administration of Justice  
Fire Technology

\* Not available at all schools

\*\* May be offered in middle school and high school

**CTE Academics:** Crescenta Valley: Science and Medicine; Hoover: Business, Engineering and Technology; Police and Fire Academy; Glendale: Cosmetology; Construction Technology; Clark: Math, Science, and Engineering; Computer Applications; Digital Arts; and Technology Systems.

**Transportation**



**If you prefer:**

Working with time lines and deadlines  
Working with your hands  
Hands-on activities  
Working with people  
Making things work

**Consider these careers:**

Lube Technician  
Aftermarket Sales Rep  
Vehicle Maintenance Intern  
Parts and Service Counter  
Vehicle Maintenance  
Technician  
Service Writer  
Smog Technician  
Shop Foreperson  
Parts and Service Manager  
Manufacturer's Rep

**Middle School courses:**

Technology Lab

**High School courses:**

Auto Mechanic 1-4\*  
ROP Auto Maintenance\*  
ROP Auto Specialist\*

**Community College courses:**

Automotive Specialist

# 21st Century Essential Education, Job & Career Skills:

## Critical Thinking

- Information & Discovery • Interpretation & Analysis
- Reasoning • Constructing Arguments
- Problem Solving • Systems Thinking

## Communication:

- Effective Listening • Delivering Oral Presentations
- Communicate Using Digital Media
- Engaging in Conversations & Discussions
- Communicating in Diverse Environments

## Collaboration:

- Leadership & Initiative • Cooperation
- Flexibility • Responsibility & Productivity
- Collaborate Using Digital Media
- Responsiveness & Constructive Feedback

## Creativity:

- Idea Generation • Idea Design & Refinement
- Openness & Courage to Explore
- Work Creatively With Others
- Creative Production & Innovation

**Education & Career Pathways** unites parents, teachers and counselors in a common mission to encourage academics and real-world job skills so students may achieve their chosen career goals. *Get helpful tools from WEBSITE & APP DIRECTORY: page 6.*



# STUDENTS...

parents and counselors, here's a **WEBSITE & APP\* DIRECTORY** filled with 21st century tools and information to help you choose the right **EDUCATION & CAREER PATHWAY**

- Career profiles • Job search • Personality & Aptitude assessments
- Tutorials • Resume writing • Resource guides • College searches • Interest surveys

## COOL WEBSITES—

### ASSIST

[www.Assist.org](http://www.Assist.org)

This site helps you explore majors offered at UC and CSU campuses. Follow a pathway to learn about specific majors, requirements for major, major preparation at community colleges, and transferring courses to the University of California or California State University.

### CALIFORNIA CAREER CENTER

[www.CalCareerCenter.org](http://www.CalCareerCenter.org)

A one-stop virtual counselor that answers questions about: career options, education & training choice, getting a job, life challenges, salaries and budgeting. Also, parent handbooks in eight language.

### CALIFORNIA CAREER ZONE

[www.CaCareerZone.org](http://www.CaCareerZone.org)

After high school and college you will need to work to pay for housing, transportation, clothes etc. Find out how much money you will need. Click on "occupations direct" for salary information.

### CAREER GIRLS

[www.youtube.com/user/careergirls](http://www.youtube.com/user/careergirls)

A video-based career exploration tool for girls, emphasizing Science, Technology, Engineering and Math (STEM) careers. It's free to use.

### LINKED IN

[www.LinkedIn.com](http://www.LinkedIn.com)

LinkedIn is a social networking website designed for professionals in all industries. By using it, you can begin networking and connecting with individuals in your field of interest. Recruiters use LinkedIn to find college interns.

### MY NEXT MOVE

[www.MyNextMove.org](http://www.MyNextMove.org)

Search for information about hundreds of jobs based on key words, by industries, or not sure. You can take a quick assessment to obtain a list of possible careers to explore.

## MORE COOL WEBSITES—

### O\*NET ONLINE

[www.Online.OneToOnline.org](http://www.Online.OneToOnline.org)

This site has detailed descriptions of the world of work for use by job seekers, students, researchers, and more! To get the information you need, just click on "find occupation".

### SALARY SURFER

[www.SalarySurfer.CCCCO.edu](http://www.SalarySurfer.CCCCO.edu)

The Salary Surfer uses the aggregated earnings of graduates from a five year period to provide an estimate on the potential wages to be earned two years and five years after receiving a certificate or degree in certain disciplines. This tool also provides information on which colleges offer programs in those specific disciplines. The Salary Surfer does not contain information about wages earned by community college students who transfer to a four-year institution.

### WhoDoUWant2B

[www.WhoDoUWant2B.com](http://www.WhoDoUWant2B.com)

This site includes information on California high school and community college courses, career options, and financial assistance. It will help you make decisions about taking the right courses in high school and community college and give you the opportunity to turn your passion into a great job and a great future.

## COOL MOBILE APPS—

### CAREER SURFER MOBILE APP

Career Surfer makes it easy to explore many occupations. Search job family categories, required educational levels, keywords, salary ranges and more. Remember to take your career exploration tools with you by downloading the Career Surfer mobile application for iPhone or Android.

### HERE TO CAREER MOBILE APP

The Here to Career mobile app empowers California students to find degree programs that match their career interests.

# EDUCATORS...

share their observations on how students have benefited while actively pursuing their 21st Century goals in the **CAREER & TECHNICAL TRAINING PROGRAM**

"Whether a high school student is headed directly to a four year college or university or directly into the workplace, all high school programs are enhanced by career/technical education."

**Alumni:** "Clark salutarian, Angie Wang's applications to Cal Tech and MIT were greatly enhanced by her career technical education in robotics. She was able to leverage her experiences there to give life and texture to her personal statements and received acceptance to both of these prestigious schools."

**Alumni:** Gayane Vardoyan's CISCO certification helped pay for some of her college expenses at UC Berkeley. Former student Ruben Rojas's work in the Hoover autoshop ROP class helped him make a superior senior project and boost his senior English grade."

Karen S. Carlson, Counselor,  
Clark Magnet High School,  
Glendale Unified School District

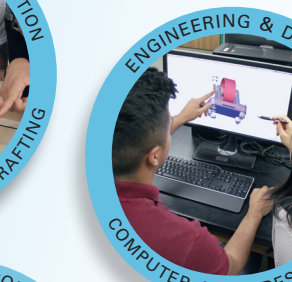
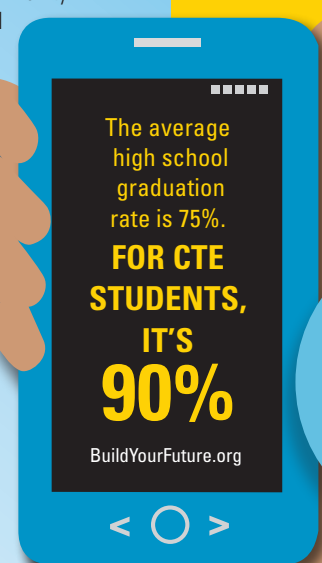
"Most employers do not have the time or money to train employees with the necessary skill sets required for their related projects. And many universities do not offer the comprehensive skill based courses needed for graduate students entering the workforce. Community colleges offer a wide variety of CTE courses that facilitate the transition of the student to the workforce, whether they are high school or university students, or graduates, or someone already employed needing to upgrade their job skills."

Tom Ferguson,  
Instructor, Engineering,  
Glendale Community College

## (CTE) VISION STATEMENT

Career & Technical Education will engage every student in high-quality, rigorous, and relevant educational PATHWAYS and programs developed in partnership with business and industry to promote creativity, innovation, leadership, community service and lifelong learning to enable students to turn their "passions into paychecks"- their dreams into careers.

Tom Torlakson, state Superintendent of Public Instruction  
California Department of Education



Main Campus:  
**GLENDALE COMMUNITY COLLEGE**  
1500 N. VERDUGO ROAD, GLENDALE, CA 91208  
For information please call 818-240-1000 or [www.glendale.edu](http://www.glendale.edu)  
Registration applications for CAREER & TECHNICAL PROGRAMS are currently being accepted at our Main Campus

For latest **CAREER & TECHNICAL PROGRAMS** updates go to: [www.glendale.edu/cte](http://www.glendale.edu/cte)



Last semester, hundreds of new grads from the **Glendale Community College CAREER & TECHNICAL PROGRAM** proudly entered local, regional and global job markets empowered with employable job skills, certificates, associate degrees and a **new confidence in their future. It's your turn now**

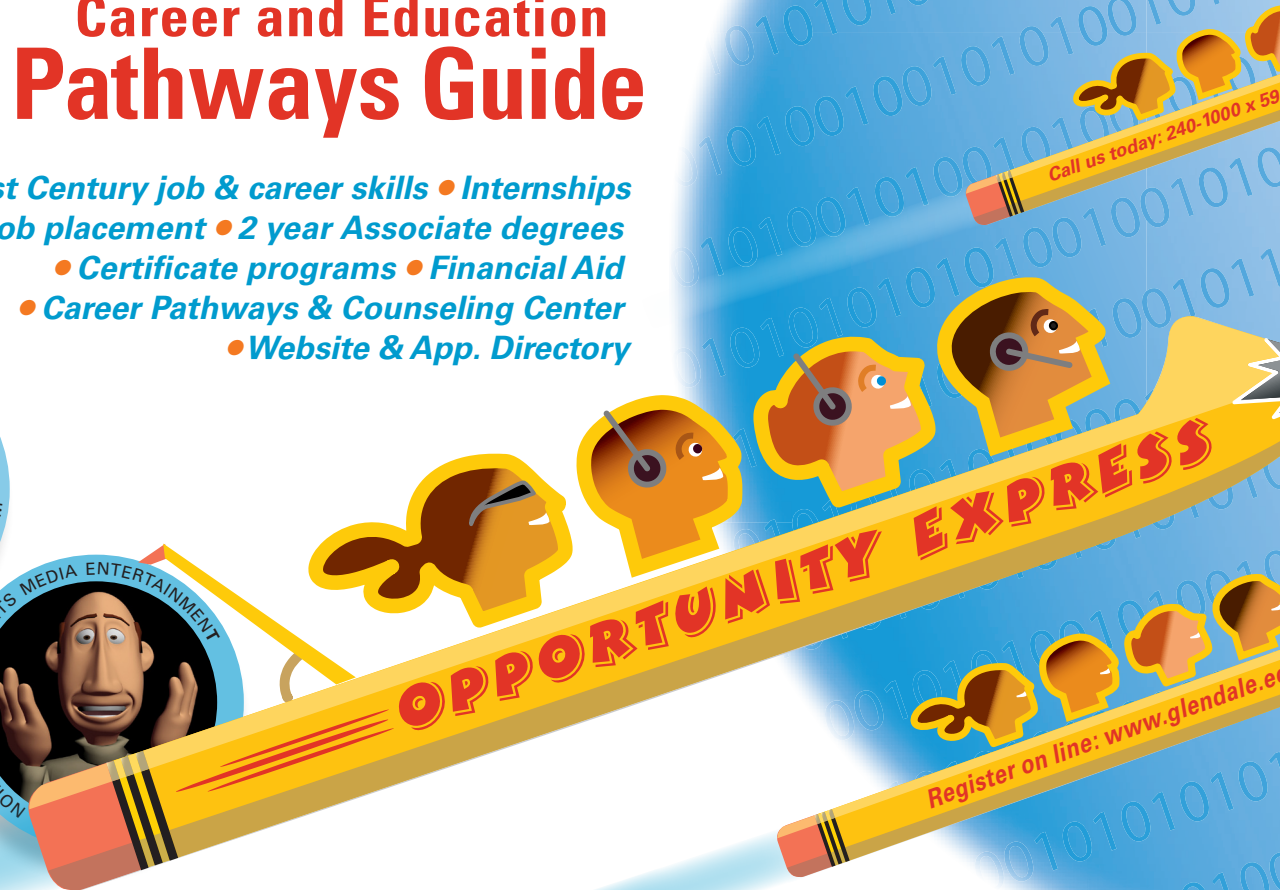
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# career & technical programs

## Career and Education Pathways Guide

- 21st Century job & career skills • Internships
- Job placement • 2 year Associate degrees
- Certificate programs • Financial Aid
- Career Pathways & Counseling Center
- Website & App. Directory



Call us today: 240-1000 x 5910

Register on line: [www.glendale.edu](http://www.glendale.edu)