

April 2007

Our Mission:  
The Los Angeles County  
Regional Occupational  
Program is a  
collaborative of the Los  
Angeles County Office  
of Education and  
member districts to  
deliver quality career  
preparation.



# Focus on Learning

A Curriculum Hotsheet

## *Congratulations to our Gold and Silver Medal Recipients!* *LACOROP Student Recognition Program*



### Agriculture & Home Economics

Gold Emily Gerard—Food Service, Temple City  
Silver Ashley DeSilva—Food Service, Lynwood  
Chase Kittleson—Food Service, Monrovia  
Ashley McKenzie—Careers in Educ., So. Pasadena  
Andrea Morales—Food Service, Arcadia  
Caroline Silva—Food Service, Las Virgenes

### Creative Arts

Gold Chase Owens—Film & Video Prod., Bellflower  
Silver Devon Martinez—Prof. Actor, Santa Monica-Malibu  
Joey Morales—Film & Video Prod., Downey  
Adam Moskowitz—Audio Technology., Las Virgenes  
Briana Price—Film & Video Prod., Arcadia  
Jessica Rubio—Commercial Photographer, Pasadena  
Mallory Yu—Prof. Actor, San Gabriel

### Marketing

Gold Nolan Melson—Bus. Mgt./Entrepreneurship, Beverly Hills  
Xiaodi (Karen) Yao—Bus.Mgt./Entrepreneurship, So. Pasadena  
Silver Catherine Eskandar—Retail Mktg., Burbank  
Gerardo Martin—Bus. Mgt./Entrepreneurship, Santa Monica-Malibu  
Elizabeth Seaford—Retail Marketing, Alhambra  
Ivana Tay—Fashion Merchandising, San Gabriel  
Hannah Wang—Bus. Mgt./Entrepreneurship, Temple City

### Business

Gold Andrew Hsia—Comp. Acctg., So. Pasadena  
Silver Nie-Fan Cheng—Legal Asst. Clerk, Arcadia  
Ying Gu—Comp. Science, Alhambra  
Doris Hernandez—Office Occu., Paramount  
Shanysa Malis—Office Occupations, Santa Monica-Malibu  
Randal Moss—Graphics Communications, Duarte  
Cyrene Wagoner—Bus. Mgt./Entrepreneurship, San Gabriel

### Health

Gold Tammy Lo—EMT, Alhambra  
Jaom-Ju Wang—Sports Injury Prevention, Arcadia  
Silver Kimberly Barlow—Sports Injury Prevention, Burbank  
James Cervantes— Fire Service Occu., Bellflower  
Crystalrose Guerra—Sports Injury Prevention, Culver City  
Joanna Machnicka—Biotechnology, Glendale  
Wendy Rodriguez—Medical Asst., Lynwood

### Trade & Industry

Gold Meredith Anderson—Commercial Photo., Burbank  
Silver Ari Baquet—Automotive Tech.—Santa Monica-Malibu  
Amanda Chong—Graphics Communications, San Marino  
Clement Lee— Graphics Communications, Arcadia  
Olivia Marsico— Film & Video Prod., LACHSA  
Sarah Waldorf—Graphics Communication, So. Pasadena

The awarding ceremony will be on Tuesday, May 1, 2007 during the 3 p.m. Board of Education meeting at 9300 Imperial Highway in Downey. A reception will be held at 2 p.m. prior to the ceremony.

## *Meet The New Marketing & Creative Arts Consultant, Evan Bartelheim*

Having been asked to introduce myself as the new Marketing and Creative Arts consultant, I immediately asked if it would be okay to write something in the first person. To me the only thing harder than writing about yourself is writing about yourself as if you were somebody else. (As if you wouldn't know who wrote it.) So, here it goes!

I'm very happy to join LACOROP after eight years with the Los Angeles Unified School District, where I worked exclusively in Career Technical Education. While at LAUSD, I served six years as a teacher adviser with the District ROP office, working extensively with programs in Small Business Management/Entrepreneurship, TV/Video Production, Animation and Graphic Design. I was also a Career Adviser at Gardena High School and a Perkins adviser in the Career Development Branch. In addition, I taught ROP classes at Gardena High School, Venice High School, Magic Mountain, and the Veterans' Administration Hospital. Through these experiences, I believe I share some common experiences with everyone in the schools and districts ROP serves, including teachers, counselors, techs and administrators.

My career in education didn't actually begin in CTE, however. I started as a high school English Language Arts teacher in Reno, Nevada (my hometown). Given the new role of CTE to integrate and support academic standards, I believe my dual credential will be very useful. More importantly, it provides me with an "academic" teacher's perspective on CTE -- one you might find surprising. As I struggled to make English relevant to my students, I recognized that "real-world" assignments and authentic audiences motivated my students more than anything. So it was easy to convince me of the value of CTE, which so



*Evan Bartelheim*

# Using the Standards-Based Lesson Plan Template

Standards-Based Instructions



A copy of the standards-based lesson plan template is included in this issue of Focus On Learning (FOL). A blank template has been placed on the website [www.lacorop.org](http://www.lacorop.org). To locate: click on Curriculum Corner; click on the lesson plan template section. Alternately, the form is available on the state association website [www.carocp.org](http://www.carocp.org). To locate: click on Curriculum, click on Standards-Based Lesson Plan Template.

The first step in utilizing this lesson plan template is to write and “unwrap” the standard and indicators being taught. This highlights what the student will know (the nouns, concepts or content) and what the student will be able to do (verbs or skills) at the end of the lesson. Information on unwrapping a standard is available through participation at the Making Standards Work trainings. Unwrapping standards has also been presented as part of the New Teacher Inservice and in various professional development workshops. For additional information on completing this first and critical step, please contact your subject area consultant.

After “unwrapping” the standard and completing step one on the template, step two addresses the assessment of skills. This section includes planned performance tasks/projects, tests and quiz questions, essay prompts, and student self-assessments. This area allows the teacher to address a variety of learning styles and levels of Bloom’s Taxonomy.

Step three on the template focuses on the teaching strategies and activities of the lesson. This includes stating the objective based on the “unwrapped standard” (as developed in step 1; the objective can be cut and pasted in this area). Additional work includes creation of a motivating introduction, presentation, activities, materials and reflection. The assessment and evaluation included in this step is a brief review of the assessment tools developed in step two.

So how does this differ from a Performance-Based Assessment (PBA)? A PBA is a collection of related tasks, starting from a basic level and moving to an advanced level of instruction and learning. The length of completion time for a PBA is generally considered in terms of weeks, not days. In contrast, the lesson plan template can be used to further define lessons into components of one to five days, depending on the standard and activities. Teachers may choose to define the teaching and learning activities of their lessons on a daily basis through use of the lesson plan template. A good way to consider this is to view the PBA as the state map, and the lesson plan template as the map of a city. It provides greater detail and clarity on the larger picture.

## Culinary Tidbits by Debra Mustain

Resources

The Los Angeles County Public Health website ([www.lapublichealth.org/eh/](http://www.lapublichealth.org/eh/)) has useful information and activities for students in culinary arts and food service occupations. This informative site includes “inspect your home kitchen”, a self-guided quiz on kitchen safety and sanitation. Another feature of the website is the restaurant ratings and closures listings, which provide potential restaurant patrons with the latest health and sanitation safety rating. This can be used in class as a discussion starter on food safety. The ratings area also explains how the ratings are used, and defines the areas and types of concerns within an establishment that are examined during a health department visit. There are additional links within the to other important safety bulletins.



Try the Center for Science in the Public Interest's new online restaurant quiz. The quiz is available at [www.cspinet.org/nutritionpolicy/restaurant\\_quiz.html](http://www.cspinet.org/nutritionpolicy/restaurant_quiz.html).

For information about the impact of eating out on Americans' diet and health, visit [www.menulabeling.org](http://www.menulabeling.org)

New York City health officials made headlines last year by banning trans fats from all city restaurants and bakeries. They also made a move that got less attention: As of this year, chain restaurants must display calorie counts on menus or menu boards. [National Restaurant Association](#)

According to a survey of more than 1,000 chefs, bite-sized desserts, locally grown produce, organic produce, flatbread and bottled water are some of the hottest food trends for 2007. [National Restaurant Association](#)

Salmon, swordfish and lamb bellies could be on the list of the next big things, according to those who are "in the know" about food trends. As chefs seek out new dishes to serve, diners might be looking for anti-aging foods, smaller desserts and fish that are low in toxins and PCBs. [The Miami Herald](#)

It will be at least five years before food made from cloned animals will be available to consumers, predicts the president of ViaGen, which holds many cloning patents. There is a voluntary ban on cloned foods, but the FDA recently reported there is no difference between cloned and traditionally made foods. [The Philadelphia Inquirer/Associated Pr](#)

## CTE: Teaching Innovation and Creativity

A recent survey by the American Management Association indicated that 81% of CEOs considered innovation to be the single most important factor to assure the future success of their business. Innovation will be the engine that drives the corporate train into the future. Some have said, “innovate or die,” others, “innovate or evaporate.”<sup>1</sup> In a recent New York Times article, Thomas Friedman echoed this sentiment: “In a globally integrated economy, our workers will get paid a premium only if they or their firms offer a uniquely innovative product or service, which demands a skilled and creative labor force to conceive, design, market and manufacture -- and a labor force that is constantly able to keep learning.” As CTE teachers, we are in a unique position to foster both the ability to think creatively and the understanding of the need for lifelong learning.

1. “On the QT” Newsletter, (wblconnections.com)

[Photo shows students from **Elaine Snodgrass’** Entrepreneurship class at Clark Magnet High School, Glendale USD, tap into their creativity with “The Green Machine” a laser-engraver that they use to create customized products. From left to right, **Edis Asadourian, Henrik Manukian, Hamlet Takhnasyan, Arthur Sargifian** and **Haik Movsesian**. Inset: a sample product.]



## LACOROP Student Entrepreneurs Resound at ECHO Competition

Congratulations to ROP instructors **Shauna Royston** of Beverly Hills High School, **Cathy Mason** of South Pasadena High School, and **Teri Jones** and **Anita Kemp** of Santa Monica High School, whose students participated in the Third Annual Project ECHO Business Plan Competition on February 24<sup>th</sup> at UCLA Anderson School of Business. The teams competed in one of three categories: Existing On-Campus Business, New On-Campus Business and New Business Concept. The team from Santa Monica’s Vike’s Inn Café took first place in the Existing On-Campus Business, while the South Pasadena Tempest Boards team took a very close second to the Beverly Hills NM4 Productions in the New Business Concept Category.



Santa Monica High School’s Vike’s Inn team cash in on their business idea. Photo courtesy of Project ECHO



**Nolan Melson**, Beverly Hills Entrepreneurship student “sells” his business plan at the ECHO Competition. Photo courtesy of Project ECHO.



Students from South Pasadena answer audience questions about their business concept.” Photo courtesy of Project ECHO

## Save the Date

The 8<sup>th</sup> Annual “**Getting Ready for Southern California’s Leading Industries: Careers in the Fashion Design and Entertainment Arts Student Conference**” will be held at the LA Convention Center on Thursday, May 31, 2007. The conference gives students the opportunity to meet industry professionals from fashion, entertainment and media industry sectors.

## The Perfect (FREE) Pre-Production Tool

Thanks to **Matt Stroup** at Clark Magnet High School, Glendale USD for introducing me to CeltX, “the first, cross-platform media application that provides support for the entire pre-production process.” It’s available for download at ([www.celtx.com](http://www.celtx.com)). Did I mention that it’s free?!

## Creating Great CTE Programs: It’s Really No “Secret”

Whether you call it the “secret” or the power of positive thinking, in order to create something, you must first be able to visualize it. More importantly, you then need to act on it. This is an essential component of the creative process we need to teach our students in Marketing and Creative Arts classes. But how does it apply to us as teachers? I recently encountered a good illustration of vision in action at Warren High School in Downey. Warren’s Film and Video Production teacher **Andy Lundsberg** and Steering Committee Representative **Phil Davis** are a model of how powerful vision can be as they build what will undoubtedly be a flagship CTE program. Construction is currently underway at Warren on an impressive new production facility, a result of a knowledgeable and enthusiastic teacher crossing paths with a passionate district administrator. Throw in some available funding, support from the school administration and magic things start to happen. While you may not have such a serendipitous situation at your school, ask yourself this: do you have a clear vision of the program you’d ultimately like to create? Have you shared this vision with anyone? Recently, one-time grant money was available exclusively to purchase equipment for CTE programs. Yet many teachers didn’t ask for anything. Every teacher should have a wish list ready for those times when money “appears.” Better yet, start clarifying your vision of the most amazing program you can imagine by sharing it with every one on your campus who will listen. And don’t get discouraged. As Goethe said, “To put your ideas into action is the most difficult thing in the world.”

## Trade and Industry by Linda Matzek

Best Practices

The Educator Summit and VIP dinner was held at the Los Angeles Convention Center in Los Angeles on March 28, 2007. This year's theme was "Career Academies: Preparing Students for College and Careers." John Ferrandino, President of the National Academy Foundation was the keynote speaker. He gave an excellent presentation about "The New Fourth R: Reality – The Future of American Secondary Education." The event was very successful.



### WESTEC Student Summit

The WESTEC Student Summit was held at the Los Angeles Convention Center on March 29, 2007. The Society of Manufacturing Engineers (SME), Small Manufacturing Institute (SMI), The Century Club, and the Coalition Manufacturing Careers (CMC) sponsored this event.

Over 600 students participated in this educational event. Students had the opportunity to visit technology demonstrations, exhibitors, college/university displays, tour the manufacturing trade show and attend various presentations.

After the presentations, the students continued to tour the manufacturing trades show. Students, instructors, and counselors enjoyed the hands-on demonstrations, interacting with industry leaders, and viewing the latest in manufacturing technology.

### SkillsUSA Region 3 Competitions

Congratulations to the students that received gold and silver medals at the SkillsUSA Region 3 competitions.

| District   | Gold Medals | Silver Medals |
|------------|-------------|---------------|
| Alhambra   | 32          | 8             |
| Bellflower | 17          | 1             |
| Monrovia   | 10          | 2             |
| Montebello | 6           | 5             |

### CITEC Event Calendar

#### Plastic Manufacturing and Integrated Performance Activities (IPAs)

Cerritos College, 9:00 am – 4:00 pm, Friday, April 27, 2007

#### Understanding Digital Camera Controls

Hermosa Valley School, 9:00 am – 4:00 pm, Saturday, May 12, 2007

#### ITE Professional Development Institute

CSULA, 8:00 am – 3:30 pm, Saturday, May 12, 2007

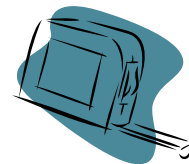
#### Construction/Woodworking Conference

Campolindo H.S. (Bay Area), Friday & Saturday, June 15-16, 2007

#### ITE Professional Development Conference

Hanalei Hotel (San Diego), Friday & Saturday, June 29-30, 2007

For additional information and/or to register contact **Cynthia Nunez** at 562-922-6729 or by email: [nunez\\_cynthia@lacoed.edu](mailto:nunez_cynthia@lacoed.edu).



## Erosion of Science and Technology in the U.S.

Labor Market Trends

As China, India, and the former Soviet Union continue to increase their clout in the global marketplace, enthusiastically embracing capitalistic ideals, the U.S. seems to be in denial about losing its grip as the top superpower. Much of the concern centers on the erosion of science and technology in the U.S., particularly in education. In 2006, the national academies of the sciences, engineering, and medicine published a joint report that concluded that the "scientific and technical building blocks of our economic leadership are eroding at a time when many nations are gathering strength." The report points out that China and India combined graduate 950,000 engineers every year, compared with 70,000 in the United States; that for the cost of one chemist or engineer in the U.S. a company could hire five chemists in China or 11 engineers in India; and that of the 120 billion dollar chemical plants being built around the world, one is in the United States and 50 are in China. General Electric CEO Jeffery Immelt says "More people will graduate in the United States in 2006 with sports-exercise degrees than electrical engineering degrees."

It has been a great second semester as the ROP Business Occupations Consultant. I have enjoyed meeting many wonderful teachers and students. I have seen your dedication and commitment to your students in Making Standards Work. It is an honor to work with such a great group of people.

## Technology in the Classroom

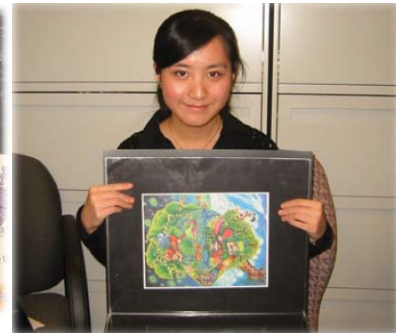
I was quite impressed after visiting Mr. **Martin Zabel's** classroom at Arcadia High School. Martin has been teaching ROP of over 20 years. He demonstrated his effective use of technology in the classroom. He has set up each class with an e-mail address, all students have a email account specifically for their class. He regularly communicates with his students through email regarding assignments. Students can access lessons through his website and work on them at their own pace. A student may watch a PBS video clip from the ROP server and take an online pre-test and post-test. Once completing the 10-15 lessons for each project, students email all assignments to turn them in. Mr. Zabel can create exams using ExamView that students take online and scores are immediately sent to him. He updates grades in his grading program and can select to email the student and parents the updated grade. Mr. Zabel ensures all students are on task using SynchronEyes from his station. Thank you, Mr. Zabel, for sharing your effective use of technology in the classroom!



Marlin Zabel

## Student Recognition

Congratulations to all the students who participated in the Student Recognition Competition and thank you to all of you who nominated your students. It was a great day meeting the students and hearing them speak of what they have learned in your courses and the impact the experience has



had on their lives.

## Picked Up at the ASCD Conference

WWW.teachade.com — A free online community for teachers! Create a login to access resources, lessons and create your own page.

Resources from Target and the Tiger Woods Foundation. Start Something is a free program designed to help kids dream, lead, and created positive changes. Curriculum is free to download or order. Visit their website [www.target.com/startsomething](http://www.target.com/startsomething)

## Teacher Highlights



Lucinda Miedama

Congratulations to **Lucinda Miedama**, ROP Instructor in Downey! Thank you for the invitation to attend the Brooks College Runway Show. The show was held at the California Market Center on March 15, 2007. Those in attendance were treated to a fabulous fashion show featuring Lucinda's college students' designs. She was the fashion show producer and is to be credited for the great show.

**Shirley Hall**, ROP Instructor from Alhambra attended the California Council on Economic Education (CCE) workshop for teachers on home buying and teaching economic principles. Shirley encouraged her students to enter an essay contest and one of her students won \$1,000! Congratulations, Shirley, for making this opportunity available to your students.

## Blair Health Career Academy (HCA) – Helps Lion’s Club and the Lion’s Club –4 helps the HCA

Throughout the year, Blair students collect hearing aids and eye glasses. The students are taught by Lion’s representatives how to analyze the prescription. The glasses are then donated to the Lion’s Club to be distributed in Africa to those less fortunate.

Not only does the Lion’s Club provide training to analyze eye glasses but they also provide the equipment and funding for student scholarships.

Blair HCA hits the news again with bringing home medals from the HOSA (Health Occupations Students of America) California Skills Competition. **Debbie Curtin’s** class had 15 students place and 4 students qualified to go to nationals in June 2007 in Florida. – The fund raising begins!



The Blair HCA students assisted the Lion’s Club in their community glaucoma screening.



While writing this news article, the Department of Health Services is performing unannounced surveys of our LACOROP nursing programs. During a survey, the Department of Health staff examines instructor, program, student, and facility paperwork for compliance issues. They speak with students, the ROP staff, and long term care facility staff. They review our policies, procedures, forms, and techniques in training. Our instructors prepare for these surveys and the results will reflect the outstanding work they do.

**May is Nurse’s Month!** Its a good time to acknowledge the work done by our nursing instructors.

Thank you **Judy Hudson, Marla Keeth, Marie DelaCruz, Susan Venzke, Chriss Zimmerman** and **Ruthie Kerr!**



## Some Things Change While Some Remain the Same!

**S**ports Injury Prevention, Treatment, and Rehabilitation course has been changed to **Sports Therapy**. – *This is only a name change.*

**Sports Medicine** is our new UC approved course and the following schools are currently approved to run this program: Beverly Hills, Burbank, Calabasas, Culver City, and Santa Monica

<http://www.boardgames.com/makyourownmo.html>

Make your own Monopoly game

<http://urbanlegends.about.com/> check out those rumors

## One of Our Newest Classes is One of the Oldest Professions

**B**iototechnology has been approved for UC laboratory science credit and is running at La Crescenta.



## Meet the Marketing Consultant.... continued from page 1

effectively takes students beyond the classroom. Today, growing numbers of educators and community members recognize the value of providing both academic and CTE classes for students. The truly enlightened also see how well these teachers can work together to create a powerful and symbiotic relationship. It is one of my goals to help bridge the divide that still separates CTE and academics in many schools.

Like everyone in ROP, I’ve had many experiences outside of education that I will also be drawing on in my new role. My first “real” job after graduating from the University of Southern California was as the marketing and publicity manager for Catch A Rising Star Comedy Club. In addition to the marketing skills, the job required a little bit of stagecraft as well as some professional acting. (Okay, so maybe I only read the comics’ introductions over the house PA, but I was convincing.) In addition, I’ve worked in radio advertising sales, magazine editing, marketing communications, instructional development, documentary filmmaking and hospitality. I never would have guessed that these eclectic experiences might all be relevant to one position, but I think I might have found it.

My top priority is to meet all of the teachers and ROP school-site staff as soon as possible, but given the size of the county, I’m sure you’ll understand if it takes a little while. And as if learning how to navigate among the County’s 23 districts isn’t enough of a challenge, I’m about to become a father for the first time in May...with twins! As the newest addition to the ROP team, I’m looking forward to continuing the tradition of building and supporting innovative and effective programs.

Visit our website: [www.lacorop.org](http://www.lacorop.org)

## Improving Dropouts' Chances of Staying in School

Vital changes that high school dropouts agree would help keep students in school.

- Opportunities for real-world learning to make the classroom more relevant (81% agree)
- Better teachers who keep classes interesting (81% agree)
- Smaller classes with more individual instruction (75% agree)
- Better communication between parents and school, get parents more involved. (71% agree)
- Parents make sure their kids go to school every day (71% agree)
- Increase supervision at school; ensure students attend classes (70%)

Source: Catherine Gewertz, "H.S. Dropouts Say Lack of Motivation Top Reason to Quit," *Education Week*, Vol. 25, No. 26. March 8, 2006. p. 14.  
Statistical Source: Civic Enterprises.

## Staff and ROP Partner Recognized!

Coordinator-in-Charge **Rebecca Seher**, was selected as the 2007 ACSA Career Technical Education Administrator of the Year. ACSA is the Association of California School Administrators (ACSA) Region XIV. **Rebecca** is one of the 19 administrators in different job-alike categories for their great work in school leadership. LACOROP business partner and WASC Leadership Team member **AJ Willmer** and his company AJ & DJ Systems, was also selected by the same body to receive the Partners in Educational Excellence Award. **AJ** and **Rebecca** will be presented with their awards during a reception on April 26, 2007 at the Grand Event Center in Long Beach. Congratulations!



Rebecca Seher



AJ Willmer

## Burbank Student Receives Award!

ROP Advanced Photo student **Ian Cervantes** of John Burroughs High School in Burbank won 1st place finalist for Photography in Music Center Spotlight Awards held March 11, 2007.. He will formally receive his trophy and cash award on April 14, 2007 at the Dorothy Chandler Pavilion. This event will be televised on KCET. Congratulations, **Ian!**

## A Teaching Tip

### Use Color to Convey Importance

Tell the students up-front what color you will use while presenting information for that which is important to learn for the "test" or other "graded" events. Try blue for what they are expected to learn. Assure them that you will use other colors like black, green or purple for other items like announcements, assignments, and directions for activities. Why? Because we are making it easier for visual preference learners to quickly separate out what is important to know.



Be careful to be consistent! Ask the students to help you help them and point out immediately if you ever accidentally use a "wrong" color. This will not only help everyone learn, it will focus the students on essential learning.

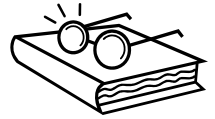
From: Teaching Tips by Spence Rogers

Save the Date!!  
All District In-Service  
August 17, 2007  
8:00 a.m.—3:30 p.m.  
Rio Hondo Community College  
Call 562(922-6601) for more details.

**Fall New Teacher In-service**  
**Part 1—Oct. 2, 2007**  
**Part 2—Aug. 20 & 22, 2007 or**  
**Oct. 10, 2007**  
**Part 3—Oct. 18, 2007**  
**Part 4—Oct. 26, 2007**

# Legislative Update

Carl D. Perkins Career and Technical Education Improvement Act of 2006  
 “Programs of Study”



One major change of the new Perkins Act is the requirement for the development and implementation of “career and technical programs of study.” These programs of study are defined and referenced throughout the Act. Programs of study are very similar to, and built on, positive initiatives already underway in CTE programs such as Tech Prep, career pathways, career academies, and industry sectors.

Programs of study:

- Incorporate secondary education and postsecondary education elements;
- Include coherent and rigorous content aligned with challenging academic standards and relevant career and technical content in a coordinated, non-duplicative progression of courses that align secondary education with postsecondary education to adequately prepare students to succeed in postsecondary education;
- May include the opportunity for secondary education students to participate in dual or concurrent enrollment programs or other ways to acquire postsecondary education credits; and
- Lead to an industry-recognized credential or certificate at the postsecondary level, or an associate or baccalaureate degree;
- Identify and address current or emerging occupational opportunities.

## What Does This Mean for LA County ROP?

LA County ROP is already addressing many of the new requirements of Perkins:

### Programs of Study

AB2448 (the ROP Reform Bill) requires that 90% of our courses be sequenced from middle school through postsecondary education. Since December 2006 our district partners have been identifying existing courses at the middle school, high school, ROP, and postsecondary that forms a sequence. Beginning this spring and continuing through fall 2007 districts will be meeting with postsecondary partners to discuss course offerings and identifying potential opportunities for articulation.

### Integration of Academic Standards

“Making Standards Work” has been offered through 22 school districts and, to date, 225

ROP members have participated in training. The workshop directly addresses how to integrate challenging academic standards along with relevant career content.

### Certifications and Licenses

Many ROP courses already end with examinations for state and national certification. Certifications such as CISCO, MOS, and A+ (Computers), Certified Nursing Assistant and EMT (Health), NATEF (Auto), NRF (Retail), ServSafe (Food Service) can be obtained at the completion of related courses.

## *Making Standards Work—The Numbers Game*

*Data*

Two hundred nine teachers attended the 3-day MSW workshops. The following tables show the distribution according to districts and subject areas:

| Districts     | # of Teachers | Districts           | # of Teachers |
|---------------|---------------|---------------------|---------------|
| Alhambra      | 23            | Las Virgenes        | 6             |
| Arcadia       | 3             | Lynwood             | 5             |
| Bellflower    | 5             | Monrovia            | 8             |
| Beverly Hills | 5             | Montebello          | 29            |
| Burbank       | 13            | Paramount           | 6             |
| Culver City   | 7             | Pasadena            | 19            |
| Downey        | 9             | San Gabriel         | 4             |
| Duarte        | 9             | San Marino          | 5             |
| El Monte      | 12            | Santa Monica-Malibu | 12            |
| Glendale      | 18            | South Pasadena      | 7             |
| La Canada     | 1             | Temple City         | 3             |

| Subject Area     | # of Teachers Attended |
|------------------|------------------------|
| Business         | 54                     |
| Creative Arts    | 24                     |
| Health           | 18                     |
| Home Economics   | 31                     |
| Marketing        | 23                     |
| Trade & Industry | 59                     |