



WORKFORCE INVESTMENT BOARD OF VENTURA COUNTY

MANUFACTURING COMMITTEE MEETING

Wednesday, April 8, 2015

8:00 a.m.-9:30 a.m.

VCCF Nonprofit Center (Community Room)
4001 Mission Oaks Blvd., Camarillo

AGENDA

8:00 a.m.	1.0 Call to Order and Agenda Review	Bill Pratt
8:02 a.m.	2.0 Public Comments <u>Procedure:</u> The public is welcome to comment. All comments not related to items on the agenda may be made at the beginning of the meeting only.	Bill Pratt
8:05 a.m.	3.0 Committee Vice Chair Comments	Bill Pratt
8:08 a.m.	4.0 Approval of Minutes: February 11, 2015	Bill Pratt
	5.0 Ventura County Regional Strategic Workforce Development Plan	
8:10 a.m.	• AMP SoCal Pillar Committees: Update	Jason Miller
8:25 a.m.	• Manufacturing Readiness Skills Curriculum Development: Update	Committee Member
8:35 a.m.	• Biomedical Device Manufacturing Certificate: Update	Committee Member
8:40 a.m.	• VC STEM Regional Network: Update	Committee Member
8:45 a.m.	• Deputy Sector Navigator: Manufacturing Update	Joe Klocko
8:50 a.m.	• Career Pathways: Update	Committee Member
8:55 a.m.	6.0 Mechatronics in Ventura County	Bill Cunneen
9:10 a.m.	7.0 Transition from WIA to WIOA	Cheryl Moore
9:25 a.m.	8.0 Committee Member Comments	Committee Members
9:30 a.m.	9.0 Adjournment	Bill Pratt

Next Meeting

June 10, 2015 (8:00 a.m.-9:30 a.m.)
VCCF Nonprofit Center (Board Room)
4001 Mission Oaks Blvd, Camarillo

Individuals who require accommodations for their disabilities (including interpreters and alternate formats) are requested to contact the Workforce Investment Board of Ventura County staff at (805) 477-5306, at least five days prior to the meeting. TTY line: 1-800-735-2922.

For information about the Workforce Investment Board of Ventura County go to <http://www.wib.ventura.org>



WIB Manufacturing Committee Meeting
February 11, 2015

MINUTES

Meeting Attendees

Committee Members

Vic Anselmo*
Mark Fegley*
Jason Miller
Subhash Karkare
Joe Klocko
Tiffany Morse
Alex Rivera*
Marybeth Jacobsen

**WIB Members*

WIB Staff

Talia Barrera
Terri Duke
Cheryl Moore

WIB Member

Iris Ingram (Moorpark College)

Guests

Kay Faulconer Boger (Workforce Accelerator Grant)
David Finn (Organizing for Action Ventura County)
Fred Garcia (Community Services Department/WIA)
Kim Hoffman (Moorpark College)
David Armstrong (MAKE Ventura)
Steve Thompson (Ventura Adult and Continuing Education)
Melissa Remotti (California State University, Channel Islands-CSUCI)
Phil Hampton (CSUCI)
Jim Rose (Oxnard Union High School District)
Lisa (Ventura County Office of Education)

1.0 Call to Order and Agenda Review

Acting Chair Alex Rivera called the meeting to order at 8:16 a.m. No changes were made to the agenda.

2.0 Public Comments

No public comments

3.0 Committee Chair Comments

Alex Rivera thanked Subhash Karkare for hosting the meeting and lab tour at Moorpark College.

4.0 Approval of Minutes: December 10, 2014

Motion to approve: Tiffany Morse
Second: Vic Anselmo
Motion approved

5.0 Ventura County Regional Strategic Workforce Development Plan

- **Advanced Manufacturing Partnership for Southern California (AMP SoCal)**

Jason Miller provided an update on the AMP SoCal Pillar Committees. The role of the Pillar Committees is to convene key stakeholders, examine the trends of the respective industrial ecosystem pillar, and make recommendations to the AMP SoCal Executive Council. Additionally, Pillar Committees will review the progress of AMP SoCal implementation Strategy Working Groups quarterly. Pillar Committees include (Workforce and Training, Supplier Networks, Research and Innovation, Infrastructure and Site Development, Trade and International Development, and Operations Improvement and Capital Access). Jason Miller shared the activities and opportunities that are being discussed in the Research & Innovation

Pillar Committee. The committee is working on a grant proposal to the National Science Foundation that will establish an industry/university cooperative research center for advanced manufacturing. Another opportunity for the county in the future is to have a two-year grant focusing on aerospace and defense.

- Biomedical Device Manufacturing Certificate

Subhash Karkare reported that students may enroll at Moorpark College and/or Ventura College to take courses leading to the certificate. The first cohort of students is expected to be awarded certificates in May 2015. Committee members suggested it would be a good idea to share a list of local employers who can hire those students who receive their certificate.

- VC STEM Regional Network Grant

Phil Hampton shared with the committee a presentation which included information that the Amgen Foundation had approved a grant to support California State University, Channel Islands on a new VC STEM project. Supported by the P-20 Council as a Ventura County steering committee, this project will plan for and implement Science, Technology, Engineering, and Math (STEM) regional networking to enhance k-16 education in Ventura County. The California Regional STEM Learning Networks are strategically placed around the state to actively build partnerships that engage students, teachers, and community stakeholders and address regional needs in STEM education. The Ventura County STEM Network already has formed a steering committee and is working on a mission and a vision for their strategy.

- Career Pathways

Tiffany Morse provided an update on the regional *VC Innovates* initiative. Industry liaisons have been hired and will start connecting with businesses to provide students the opportunity to have job shadowing, internships, on-the-job-training, summer internships, and site tours. *VC Innovates* also has created a dinner series, *Entrée to Employment*, where businesses, educators, and students can discuss career opportunities in different sectors. Scot Rabe provided an update on work readiness skills curriculum development for the community colleges and asked Committee members for additional feedback on the content.

6.0 Makers Space

David Armstrong the founder of MAKE Ventura, described an initiative to provide maker space where people can prototype their ideas. A non-profit organization that provides access to tools and training for creating and building things, MAKE Ventura offers easy access to a wide range of tools and technology such as CNC-based tools, metalworking, woodworking, bicycle repair, electronics, jewelry making, sewing, vinyl cutting, 3D printers and design software. David noted the opportunities to collaborate with innovative thinkers and to connect business and education.

7.0 Workforce Accelerator Grant: STEPS Program

Kay Faulkner Boger shared with the committee an overview of the STEPS Program, which is a partnership between the County of Ventura Probation Agency and the Human Services Agency/Community Services Department (CSD), supplemented by the WIB through its Workforce Accelerator Grant funding. STEPS provides re-entry employment services for non-violent, non-sexual offenders, on probation and connects them with employers after careful screening by both the Probation Agency and CSD. The STEPS Programs offers re-entry job seekers ongoing education, training and employment guidance.

8.0 Transition from WIA to WIOA

Cheryl Moore gave an update on the new Workforce Innovation and Opportunity ACT (WIOA). WIOA will focus on aligning federal and state workforce development programs and support services with sector, regional, economic development and training and education initiatives. Among the changes when WIOA takes effect on July 1, 2015, will be a transition from the current Workforce Investment Board (WIB) to the new Workforce Development Board (WDB) designation.

9.0 Committee Member Comments

No comments

10.0 Adjournment

Alex Rivera adjourned the meeting at 9:30 a.m. Committee members and guests joined Subhash Kakare for a guided tour of the Biotechnology Lab at Moorpark College.

Next Meeting

April 8, 2015 (8:00 a.m.-9:30 a.m.)

VCCF Nonprofit Center (Community Room)

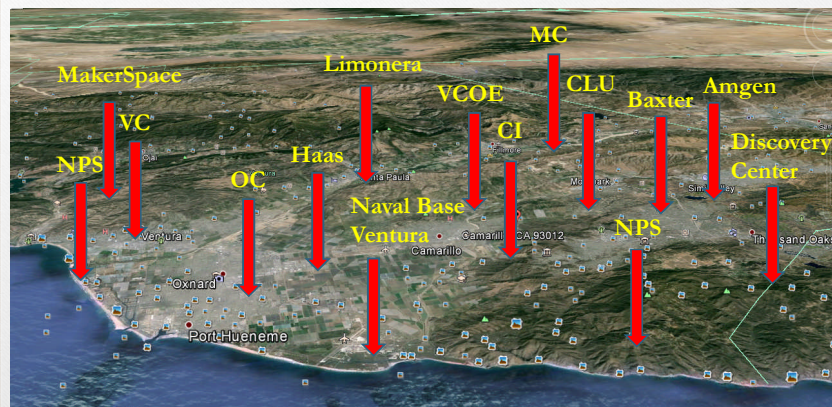
4001 Mission Oaks, Blvd., Camarillo, CA

VC-STEM

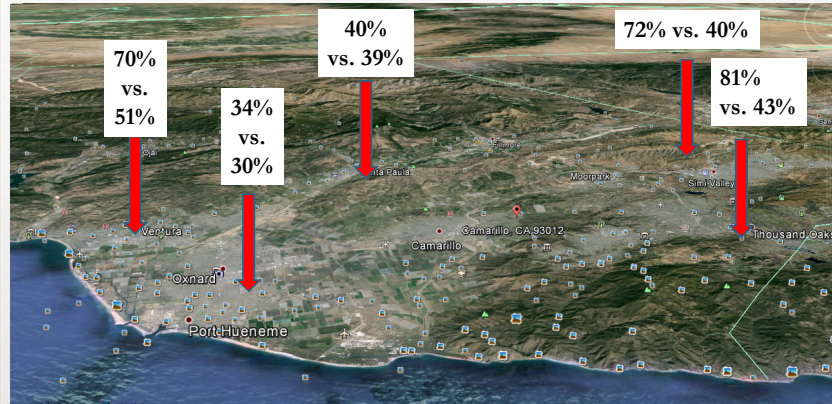
Planning for and Implementing
a STEM Regional Network to
Enhance PK-12 Education in
Ventura County



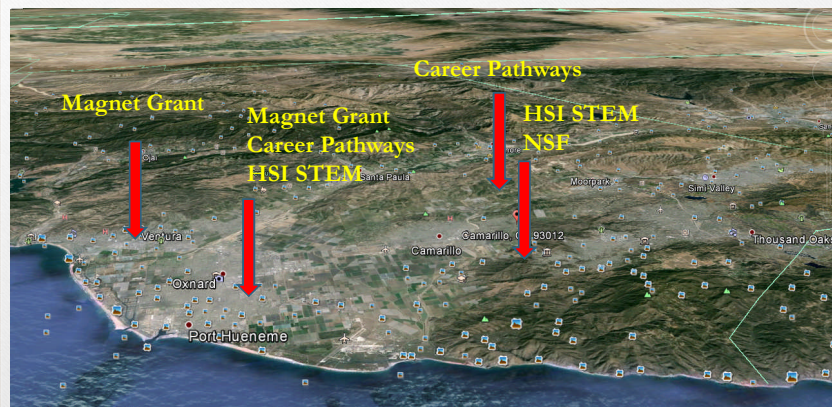
Opportunity



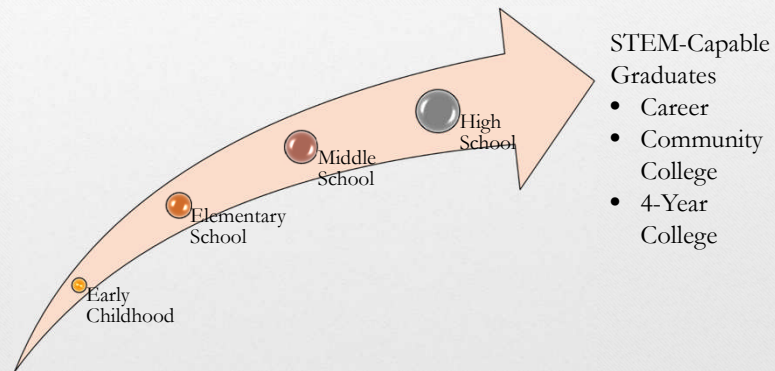
Challenge: STEM Preparation of Ventura County Students



Opportunity



Integration of Efforts



California STEM Network

Vision & Mission Statement

Regional Networks

Our Team

Contact

Partner Portal

Regional Networks

Regional Networks are the central organizing structure of CSLNet. CSLNet provides technical assistance and tools to help launch and build the capacity of regional networks as well as assess their progress. In addition to convening network leaders in a peer learning community through regular meetings and conference calls, we are working to harness the power of new communications technologies to increase information sharing, learning and collaboration among network partners.

Our Mission

CSLNet's mission is to help California prepare the nation's most STEM-capable graduates.

Gateways East Bay STEM Network

The Gateways East Bay STEM Network, based at California State University, East Bay, is a leadership hub for regional stakeholders working together to improve educational outcomes in STEM for young people "from cradle to career" across Alameda and Contra Costa counties.

VISIT >

California STEM Learning Network

Current Steering Committee

P-20 Council

- Duarte

Pre-K

- Harrison

VCOE

- Inouye

PTA

- Steck

CC

- Herrera

CSU

- Kinsey
- Hampton

WIB

- McNeal

Private Univ

- Hanrahan

Non-Profit

- Klein-Williams

Draft Mission Statement

The Ventura County STEM Network serves as a leadership hub for regional stakeholders who are working together to improve educational outcomes in STEM (science, technology, engineering and mathematics) for all students throughout Ventura County.

Draft Vision Statement

- Students benefit from high quality STEM learning opportunities,
- Graduate with the STEM knowledge, skills, and applied learning opportunities necessary for success in college and/or careers

Preliminary Strategies

PK-3

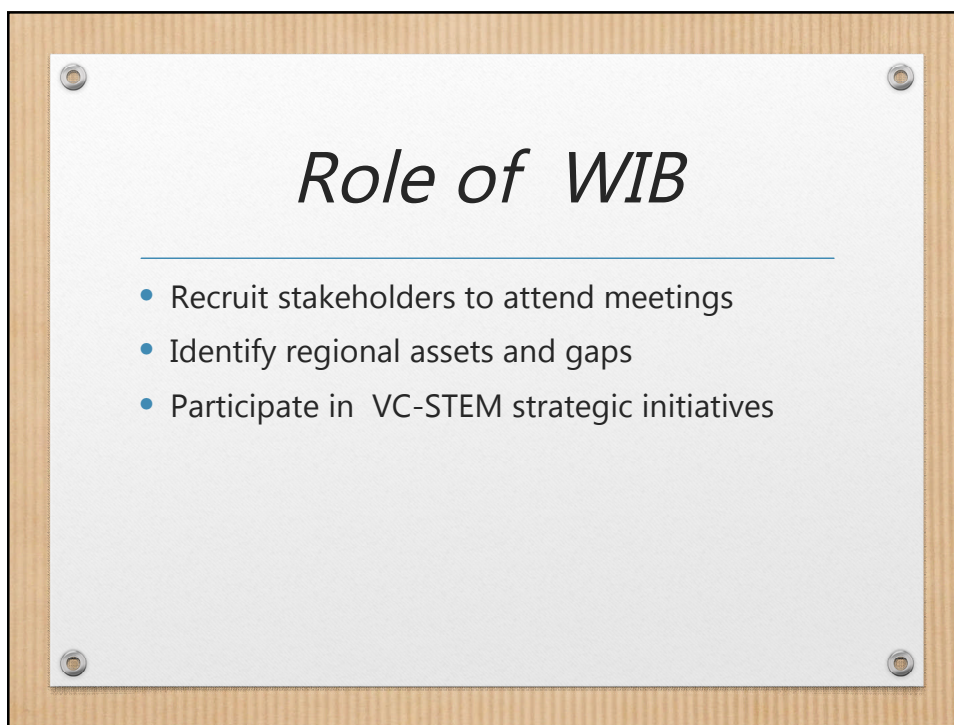
- Early STEM Learning
- Emphasis on early numeracy

K-8

- STEM Learning in Out-of-School Time
- Professional Learning Communities for Teachers

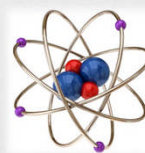
9-16

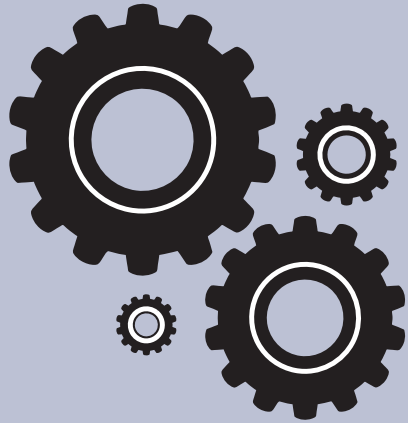
- STEM College/Career Pathways (CPT Grants)
- Retention & Graduation Initiatives



Thank you!

Phil Hampton, Ph.D.
Professor of Chemistry
Director, HSI-STEM Grant
CSU Channel Islands
philip.hampton@csuci.edu
(805) 437-8869





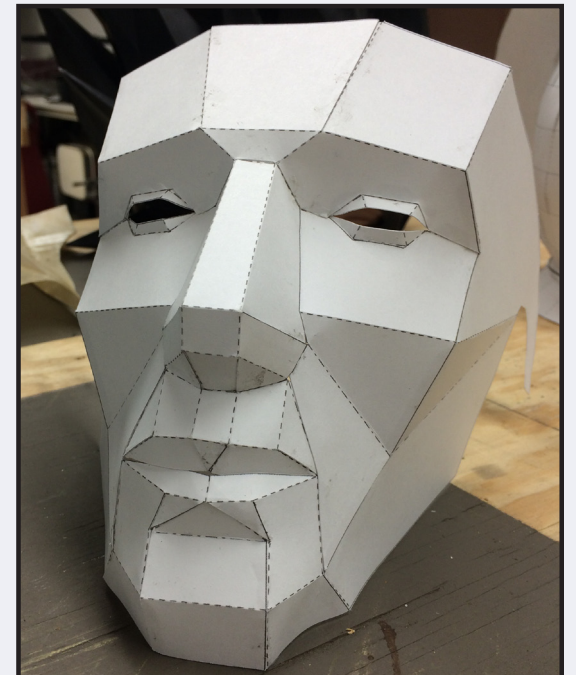
Designing an Innovation Eco-system



"Chance favors the connected mind."

Steven Johnson

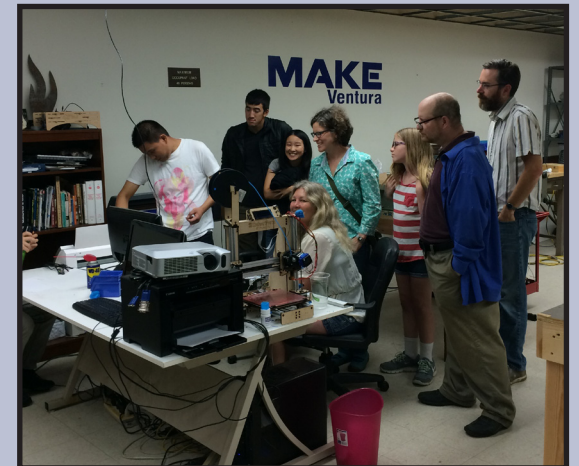
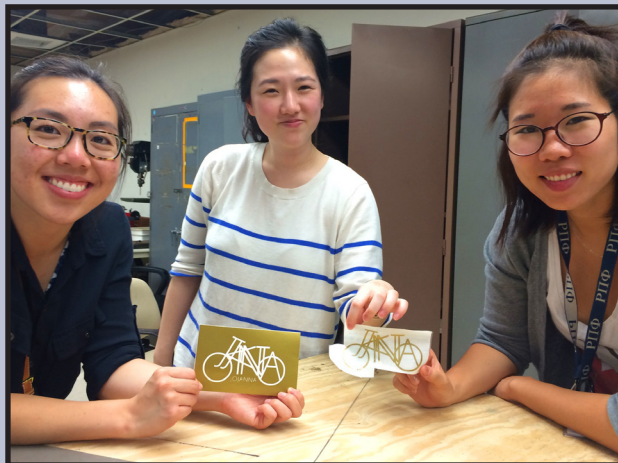
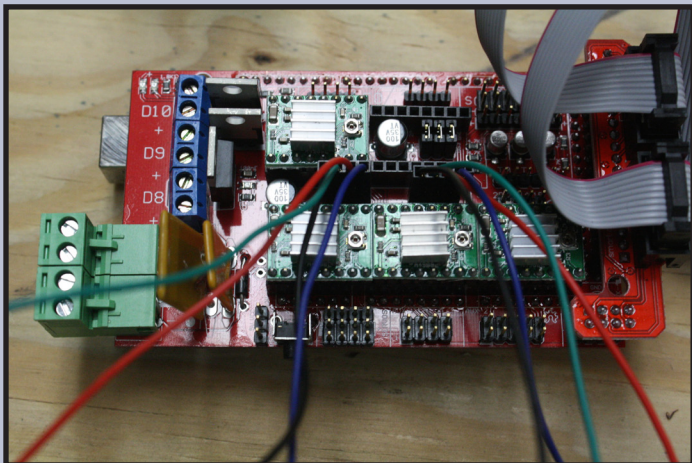
**Build Ventura County's
maker infrastructure
to develop, attract & retain
the skilled, adaptable workforce
necessary for a
changing & competitive economy**



Education & Skills

Opportunity

Coordination



Education & Skills

Complement existing initiatives

Accessibility

Compelling



Opportunity

Create greater connections



Engagement

Eco-System



Escape Room
MELBOURNE

THE GAME

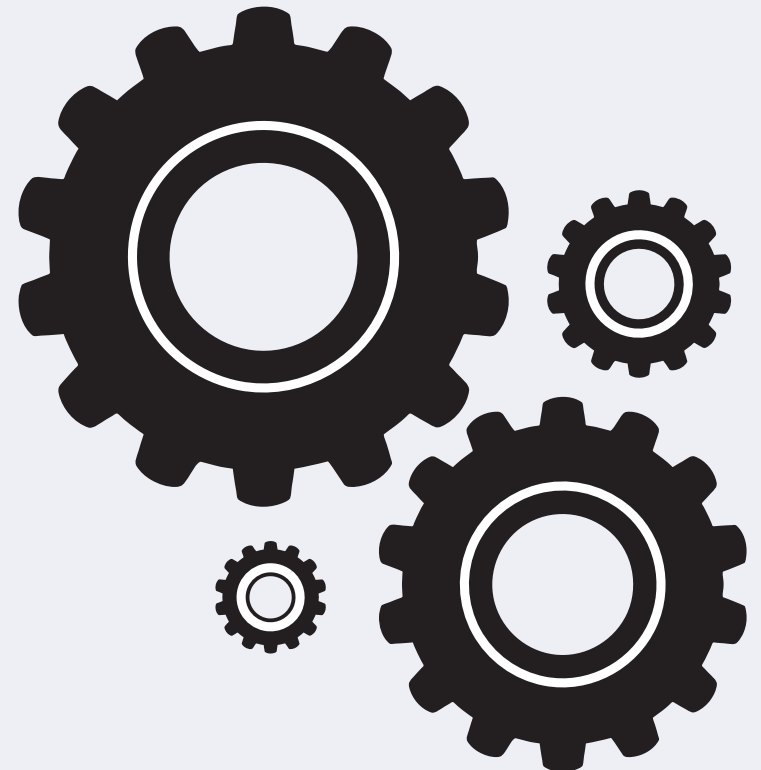
WORK TOGETHER IN A TEAM OF TWO	THE CLOCK IS TICKING...	A CHALLENGE FOR ALL TYPES	THE FIRST IN MELBOURNE
			
It'll take more than one brain to decipher the challenges packed into Escape Room Melbourne. Choose your puzzling partner wisely!	Can you puzzle your way to the intriguing conclusion and escape the room in 60 minutes?	Our puzzles will test all of your abilities – be prepared to flex your mental muscles to solve lingual, visual, mathematical, spatial, physical and lateral brain teasers.	Australia's definitive escape room experience. Be one of the first to experience the new wave of interactive entertainment.

Coordination

Too small

Complementary assets

Provide a full spectrum



The background is an abstract composition of thick, expressive brushstrokes. A vibrant blue is layered with bold, textured strokes of orange and brown, creating a sense of depth and movement. The colors are not uniform, with visible texture and varying intensities of the primary palette.

MAKE
Ventura

STEPS *Key Partners*

- Citizens
- Community Support Services
- Correctional Agencies
- Educational Institutions
- Employers
- Employment Services
- Faith-based Organizations
- Judicial Systems
- Social Services
- Supervision Agencies

Ventura County *Probation Agency*



To promote dynamic leadership in community corrections as we design and implement innovative, efficient, and fiscally sound programs that are models of success in the criminal justice system.

Human Services *Agency*



We strengthen families, support self sufficiency and promote safety, health and well being.

All Human Services Agency program services operate and perform at the highest level to meet individual, family, and community needs by providing assistance, aid, protection, and help.

BELIEVE IN *Second Chances!*



Ventura County **Probation Agency**

800 S. Victoria Avenue
Ventura, CA 93009

www.venturaprobation.org

Human Services Agency

855 Partridge Drive
Ventura, CA 93003

www.vchsa.org

1-(800) 500-7705



STEPS

Specialized Training & Employment Project for Success

*Re-Entry Employment Services
for Prepared Job Seekers*

*A Community Service from
County of Ventura
Human Services Agency &
Ventura County Probation Agency*

STEPS *Profile*

The County of Ventura Human Services Agency and the Probation Agency have partnered to provide a business services model to connect reentry workers with employers.

STEPS uses an employment services method to develop a pool of job seeker candidates prepared for employment with employers throughout Ventura County.

STEPS *Goals*

- Prepare job seekers for employer workforce recruitment opportunities
- Match qualified job seekers with employers that hire general services, production, retail, food service, and other entry level to skilled level workers
- Make STEPS staff contact easy through e-mail, online, telephone, and in-person

STEPS *Specialized Services*

- STEPS job seekers receive personalized services in professional development
- STEPS employers are recognized as innovators and community workforce leaders
- STEPS staff can tailor an employee hiring plan that could include Employer On-the-Job Training services. STEPS employer can access information and services about training funding to assist with training costs.

EMPLOYER *Benefits*

- The STEPS Project provides reentry job seekers with ongoing education, training and employment guidance.
- STEPS staff provide support to employers who may be hesitant to consider qualified reentry workers.
- STEPS staff are able to coordinate employee Fidelity Bonding that can financially protect employers.
- STEPS staff are able to coordinate (when available), employer tax incentives commonly known as WOTC/Work Opportunity Tax Credit

EMPLOYER *Incentives*

- No-cost business workforce consulting
- STEPS staff can meet you at your business location
- No-fee job opening sourcing with the STEPS candidates
- No-fee referral to other online job posting services
- No-fee job postings on the County of Ventura labor exchange website:
venturacountyjcc.org/employerservices
- No-fee business referrals to other community business services
- Staff assisted recruitment services

Learn *More*

Human Services Agency/Job & Career Centers
[www.venturacountyjcc.org/employerservices/
accountexecutives](http://www.venturacountyjcc.org/employerservices/accountexecutives)

Ventura County Human Services Agency
www.vchsa.org

E-mail: HSA-Employer-Services@ventura.org

GETTING *Started*

STEPS can help you fill that job opening or refer you to the Job & Career Centers for additional employer services.

- Call 1-800-500-7705
- Click www.venturacountyjcc.org or www.vchsa.org
- E-mail HSA-Employer-Services@ventura.org
- Meet with the STEPS Account Executive at your place of business



“We are looking for employers willing to give our clients a second chance for a brighter future. Our clients need the opportunity to work and provide for their families.”

Career Technical Education Curriculum Redesign

credit and not-for-credit pathways

flexible competency-based instructional delivery with an integrated learning management system

Advanced Skills Education and Training

Associate Degree General Education Courses

Natural Science

Social/Behavioral

Humanities

Language/Rational

Health/PE

Career Pathway Certificates or Degrees

Automotive

Diesel

Hybrids

Aviation

Transportation

Computers

Solar/Wind Energies

Construction

Medical Equip Tech

Water Science

Technologies

Machining/CNC/CAM

Welding

Mechatronics

Drafting/CAD

Manufacturing

Common Curriculum: Entry Level Career Pathways (MATH)

Safety

Basic Skills

Principles of Tech

Tools/Machines

Employability

Reference/Prints

Business Essentials

Career Exploration

CALIFORNIA COMMUNITY COLLEGE
CAREER TECHNICAL EDUCATION

what sparks your interest?

IDENTIFY INTERESTS | EXPLORE EDUCATION | CONSIDER CAREERS

Find out what you can do NOW to prepare for the hot jobs of tomorrow...

prepare now

ONCE YOU KNOW WHAT SPARKS YOUR INTEREST, TAKE
CAREER TECHNICAL EDUCATION, ROP AND COMMUNITY
COLLEGE CLASSES LEADING TO YOUR CAREER PATH

CAREER TECHNICAL EDUCATION

Ventura County Career Education Center

465 Horizon Circle
Camarillo, CA 93010
(805) 437-1420

COMMUNITY COLLEGES

Moorpark College

7075 Campus Road
Moorpark, CA 93021
(805) 378-1400
<http://www.moorparkcollege.edu/>

Oxnard College

4000 South Rose Avenue
Oxnard, CA 93033
(805) 986-5800
<http://www.oxnardcollege.edu/>

Ventura College

4667 Telegraph Road
Ventura, CA 93003
(805) 289-6000
<http://www.venturacollege.edu/>

ADULT EDUCATION

Conejo Valley Adult School

1025 Old Farm Road
Thousand Oaks, CA 91360
(805) 497-2761
<http://www.conejoadultschool.org/>

Oxnard Adult School

1101 West 2nd Street
Oxnard, CA 93030
(805) 385-2578
<http://www.oxnardadulthood.us/>

Simi Valley Adult School and Career Institute

1880 Blackstock Avenue
Simi Valley, CA 93065
(805) 579-6200
<http://www.simi.tec.ca.us/>

Ventura Adult and Continuing Education

5200 Valentine Road
Ventura, CA 93003
(805) 289-7925
<http://www.vace.com/>



www.vcinnovates.org



Ventura County Jobs Landscape

Current Situation and Perspective
Education Opportunities
Future Trends
By
Bill Cunneen

April 8, 2015

Navy is the Largest Employer

- The Demographic Situation
- Three Navy Warfare Centers in NBVC
- Available Solutions
- Current Educational Posture
- Promising Developments Evolving
- National Defense Systems Engineering
- Impact on Other Job Creators

Current Source of Engineers

- Southern & Central California Sources of Engineering Education
- Ventura County Sources of Engineering Education
- United States Sources of Engineering Education
- Relocation to Ventura County & Retention of Imported Hirees

Organic Growth Versus Importation

- Promising Population of Middle School and High School Students Involved in Career Education Center Programs
- Robotics Clubs
- Air Academy
- Course Articulation Between Schools
- Science Technology Engineering & Mathematics (STEM) Emphasis Growing

Ventura County School Landscape

- CSU Channel Islands Planned Expansion into Mechatronics
- CLU Emphasis on Computer Science and Interest in Engineering Course Development
- Community College Trends and Plans
- County School Districts and Career Education including Adult Education

Future of Local Navy Careers

- Major Projects Being Pursued
- Addressing the Demographic Deficiency
- Pay Scales for Navy Engineers
- Impact on Ventura County Economy

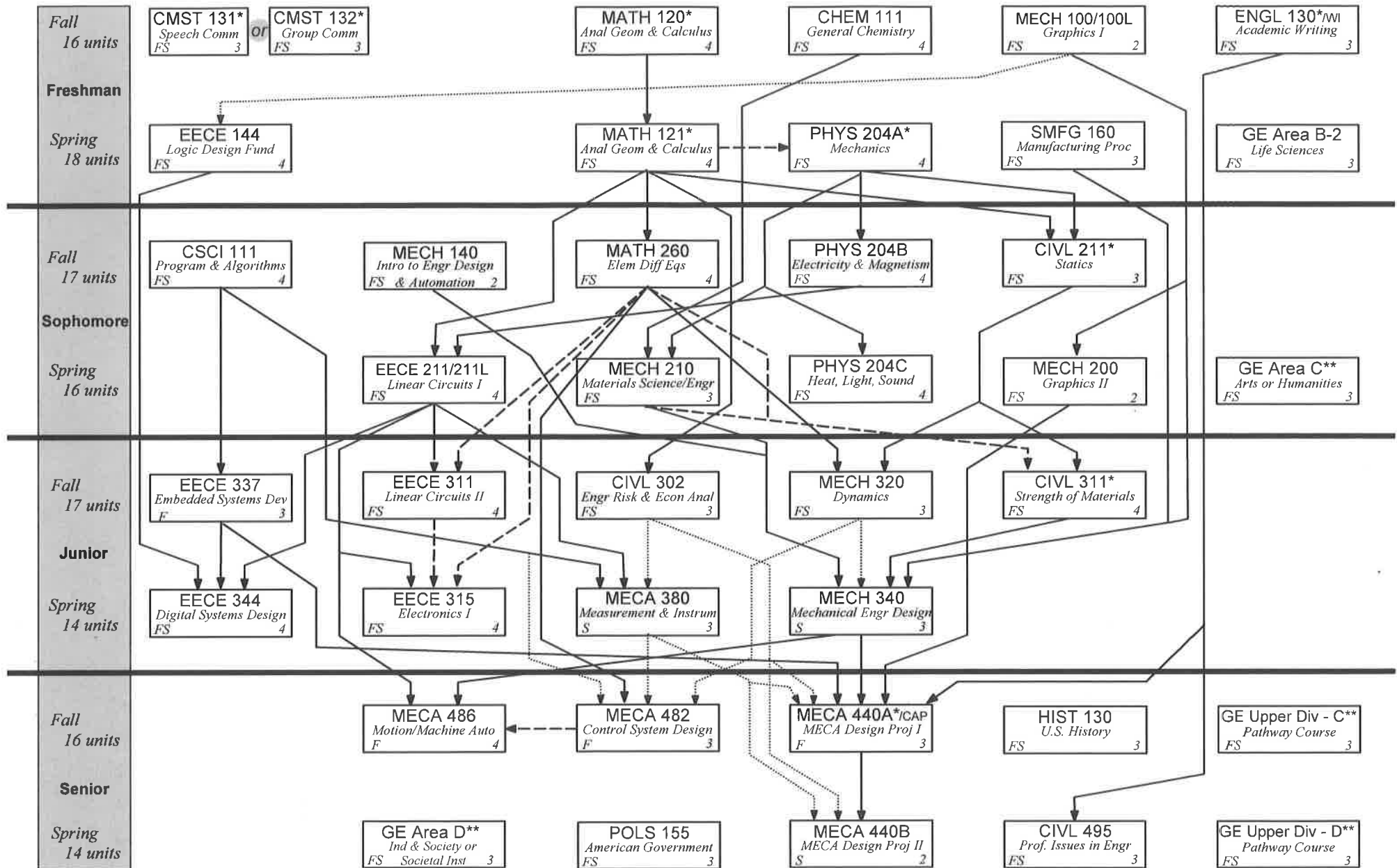
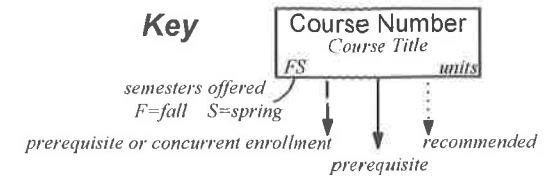
Mechatronic Engineering

Major Academic Plan

Flowchart Format

University Catalog 2013-2014

Key



130611

www.csuchico.edu/mmeme

* C- minimum grade required.

** One U.S. Diversity course, one Global Cultures course, and two Writing Intensive (WI) courses are required.

WI - GE Writing Intensive Course
CAP - GE Capstone/WI Course