

# Business/Economics/Accounting Advisory Board Meeting April 30, 2021 from 9am-11am Virtual via Zoom

#### **MINUTES**

| Board Member Attendees                          | Coastline College Ex-Officio Members        |
|---|---|
| Myra Clarke, CTE Director, GGUSD                | Abraham Adhanom, Business Instructor        |
| Sheila Dufresne, Regional Director              | Shelly Blair, Dean,                         |
| Employer Engagement, Retail Hospitality Tourism | Innovative Learning & Career Education      |
| Cathleen Greiner, Regional Director             | Kevin Erdkamp, Accounting Department Chair  |
| Business & Entrepreneurship                     |   |
| Jaime Gonzalez, Regional Director,              | Paolo Varquez, Career Services/CE Counselor |
| Advanced Transportation & Logistics             |   |
| Sandra Hague, Staff Recruiter,                  | Merry Kim, Associate Dean, Career Education |
| Action Property Management                      |   |
| Don Isbell, CTE Director, SAUSD                 | Stacey Smith, Professor, Economics,         |
| David Juranich, Adjunct Faculty, CSUF           | Business Department Chair                   |
| Beau Menchaca, CTE Coordinator,                 | Erin Thomas, Associate Professor, Business, |
| College & Career Readiness, SAUSD               | Department Chair Elect                      |
| Ryan Michaelis,                                 |   |
| President & CEO, MegaMex Foods                  |   |
| Donna Romero, Group Claim Manager,              |   |
| Automobile Club of Southern California          |   |
| Roy Sahachaisere, Student Trustee, CCCD         |   |
| Kayleigh Salmon, Division Director,             |   |
| Accountemps Salaried Professional Services      |   |
| Anne Younglove, NMUSD                           |   |

**Call to Order:** Upon joining the Zoom meeting, participants were notified that the meeting was being recorded. The meeting began with a welcome, introductions, and zoom protocols, followed by a review of the purpose of the Advisory Board.

**Department Update:** Recent accomplishments were outlined such as grant projects and activities that included the development of Master Courses, Open Educational Resources (OER), Volunteer Income Tax Assistance (VITA), a Business and Accounting Innovation Center and the Coastline Virtual Business Summit.

It was noted that the first "graduate" from the Business Economics Certificate of Accomplishment will complete in Spring 2021. The board was also presented with an overview of completions for the Accounting, Economics, and Business. MS Programs.

As follow-up to an April 2020 board meeting action item, Associate Professor Erin Thomas presented the Global Business Essentials Certificate (of Specialization) and Global Business Certificate of Achievement for review and approval by the committee.

**Labor Market Information and Program Outcome Data:** Labor market demand versus program supply data was shared including a PowerPoint presentation by Cathleen Greiner (see attachment).

Advisory Review of Programs/Curriculum and Recommendations: A review of Business programs presented a proposal to streamline degrees and certificates as well as to update titles. The discussion supported this action.

Members were asked. "Are you looking for degrees and certificates in Entrepreneurship as you hire?" as well as "Are you hiring students with AA degrees to manage projects?" There was a consensus that, while those degrees or certificates are not required, there is a benefit to prospective employees who are able to list those degrees or certificate on their resume.

Transfer Program Concentrations for CSUF and Transfer Program Options for CSULB were considered. Further points of discussion included changes in Program Student Learning Outcomes. Each of these discussion items received support from the board members. An additional proposal was presented to update the programs' Associate of Arts degrees to Associate of Science degrees. The committee voted to move forward on this action.

New Program Development, Review and Approval: The Global Business Essentials
Certificate (of Specialization) as well as the Global Business Certificate of Achievement were reviewed and received support from the Advisory Board to move forward to obtain approval from the Chancellor's Office for state chaptering and offering of the programs in 2021-22 academic year.

Industry Trends, Technology, and Workplace Recommendations: The board members were asked to provide feedback regarding industry trends and technology. In addition to the recommendation to continue moving forward with digitalization, incorporating both data analytics and AI (Artificial Intelligence) was recommended. There was a strong emphasis placed on the need for students to develop soft skills. It was noted that technical skills are needed to get a resume noticed; however, soft skills are needed for a successful interview.

Workplace Learning and Employer Engagement: Opportunities for work-based learning and accounting apprenticeships were presented to the board, including a new Accounting apprenticeship opportunity. It was requested that board members be involved and participate as able. Those interested in participating are asked to contact Anna Isbell at aisbell@coastline.edu

The board members were thanked for their time and petitioned to participate again next year, and the meeting was adjourned.



# **Advisory Board**

April 30, 2021

Accounting
Business/Management
Economics





# Agenda

- 1. Call to Order
- 2. Department Update
- 3. Labor Market Information and Program Outcome Data
- 4. Advisory Review of Programs/Curriculum and Recommendations
- 5. New Program Development, Review, and Approval
- 6. Industry Trends, Technology, and Workplace Recommendations
- 7. Workplace Learning and Employer Engagement





# Welcome and Introductions



Stacey Smith Department Chair Professor, Economics



Kevin Erdkamp Department Chair Professor, Accounting



Abraham Adhanom Instructor, Business



**Erin Thomas** Assistant Professor, Business Incoming Dept Chair



Please share your: Name

- Organization
- Title

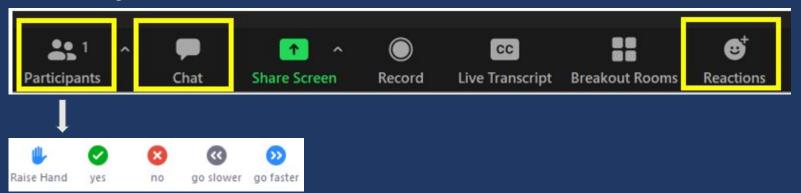
Please type in chat too!





# **Zoom Protocols and Recording**

We look forward to you participating in our meeting in a variety of ways! Your use of the chat, voting and hand-raise features (under the "Participants" tab), and "reactions" (thumbs up, etc.) is encouraged.





This meeting is being recorded to help in our compilation of minutes and future curriculum submissions/approvals.



# **Advisory Board Purpose**











# **About Coastline**







# **Programs Overview - Current**

#### **Accounting**

3 degrees 5 certificates

#### **Business**

8 degrees 12 certificates

#### **Economics**

2 degrees 1 certificate

#### Management

4 degrees 6 certificates





# 2a. Recent Accomplishments

#### Open Educational Resources (OER)

- AKA: free texts for students
- Completed conversion for Introduction to Business: Fall 2020

#### Business Economics Certificate of Accomplishment

First "graduates" Spring 2021



### Business and Accounting Innovation Center (BAIC)

Construction started at Garden Grove Center



# 2a. Recent Accomplishments: VITA

To date, the CC VITA Program has assisted approximately <u>100 students</u> become VITA certified tax preparer volunteers. Additionally, the CC VITA Program has assisted the members of our surrounding campus communities as followed:

| <u>Season</u> | Returns Filed | Federal Refunds |
|---------------|---------------|-----------------|
| 2021          | 97 to Date    | \$120,878       |
| 2020          | 121           | 150,255         |
| 2019          | 268           | 282,278         |
| 2018          | 183           | 206,632         |
| 2017          | 219           | 226,118         |
| 2016          | 210           | 219,302         |
| 2015          | 157           | \$158,873       |





# 2a. Accounting Program Completions

#### 2019 - 2020 Awards

| Award Title             | State Funded<br>Awards | Extended<br>Learning Awards |
|-------------------------|------------------------|-----------------------------|
| Accounting - AA         | 3                      |                             |
| Bookkeeping - AS        | 5                      |                             |
| Taxation - AS           | 3                      |                             |
| General Accounting - AS | 10                     |                             |
| All Certificates        | 7                      | 1                           |





# 2a. Economics Program Completions

#### 2019 - 2020 Awards

| Award Title                    | State Funded<br>Awards | Extended<br>Learning Awards |
|--------------------------------|------------------------|-----------------------------|
| Economics- AA                  | 12                     | 2                           |
| Economics- AA-T                | 4                      | 1                           |
| Business Economics Certificate | New program            | New program                 |





# 2a. BUS/MS Program Completions

Business/Management 2091 - 2020 Top Completions:

- 1. Degree, Business Administration: 222
  - 31 were degrees for transfer
- 2. Certificate of Achievement, Business Admin: 178
- 3. Degree, Supervision: 173 in ELD program
- 4. Degree, Supply Chain/Logistics: 91 in ELD program





# 2b. Grants, Events, Outreach

#### Perkins and SWI Funded Projects: Master Courses

- Principles of Management: Fall 2021
  - Course redesign in process
    - Added content supporting diversity, inclusion, EEOC compliance and Affirmative Action plans
  - Same course content across all delivery modalities
  - Previously called Business Organization and Management (MS C100)
  - OER texts save money for students, including our currently incarcerated students
- We continue to look for OER opportunities to reduce program costs for students





# 2b. Grants, Events, Outreach

#### Coastline Virtual Business Summit Highlights 11/6/2020

- Hosted by Bus/Acct Department and Coastline Career Center
- 171 participants in attendance
- Panel with industry experts, Coastline faculty, and Coastline alumni

Competency-Based Education Grant





## 2c. Past Recommendations

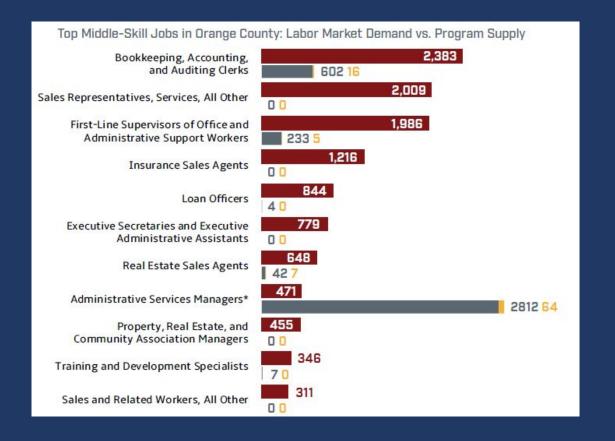
At the April 2020 meeting, Coastline was encouraged to explore programs in Global Business

- Today, requesting review/approval of
  - Global Business Essentials:
     Certificate of Specialization (9 units)
  - Global Business:
     Certificate of Achievement (16 19 units)





## 3. Labor Market Indicators







# 4. Review of Programs

#### Business - streamline proposal

#### Re-routing:

Business: Business Administration Major Business:
Business
Administration
Associate in
Science

Business: General Business Associate in Science

Business
Administration
Associate of
Science

#### Title Update:

Business: Human Resource Management AS degree



Human Resource
Management Associate of
Science

Cert of Achievement: Business: General Business



Cert of Achievement: Business

Cert of Achievement: Business Administration Cert of
Achievement:
Business:
General
Business

Cert of Achievement: General Business Business: Marketing Associate in Science



Marketing Associate of Science

Cert of Achievement: Business: Marketing



Cert of Achievement: Marketing





# 4. Review of Programs

#### Business - streamline proposal, part 2

#### Re-routing:

Degree: Management Associate of Arts Degree: Supervision Associate in Arts

Degree: Management

Certificate of Achievement: Supervision

Certificate of Achievement: Management

#### Title Update:

Cert of Specialization: Business Plan



Cert of Specialization: Business Planning and Finance

#### Input Requested:

Cert of Accomplishment: Project Management Cert of Specialization: Project Management Essentials

#### Input Requested:

Degree: Entrepreneurship and Small Business Management Associate in Arts

Cert of Specialization: Entrepreneurship Essentials Cert of Specialization: Entrepreneurship for Artists

Cert of Specialization: Home Business





# 4. Review of Programs - Questions

### Entrepreneurship

 Are you looking for degrees and certificates in Entrepreneurship as you hire?

## Project Management

Are you hiring students with AA degrees to manage projects?





# 4. Review of Programs - Thoughts

#### Transfer Program Concentration - CSUF

- Accountancy
- Finance
- Human Resource Mgmt
- Management

- Information Systems
- International Business
- Marketing
- Supply Chain Mgmt

## Transfer Program Options - CSULB

- Accounting
- Business Analytics
- Business Economics
- Decision Science

- Entertainment/Hosp
- Entrepreneurship
- Finance
- Management

- Marketing
- Risk Management
- Insurance





# 4. Program Student Learning Outcomes

#### Changes Recommended:

- Develop and exhibit high standards of professional practice, demonstrating awareness of ethical and social responsibilities in today's multicultural, team-oriented, rapidly changing global environment.
- 2. Analyze and recommend effective business decisions/solutions using a systematic, evaluative, and information-based data-driven approach.
- 3. Effectively communicate solutions to business problems using appropriate language business terms and tools strategies through demonstrating an understanding of business terms and concepts.

#### Additional PSLO?

4. Formulate strategies which embrace diversity within organizations and create inclusive organizational cultures.





# 4. Program Recommendations

- Currently, most BUS/MS degrees are Associate of Arts
- Recommendation:
  - Convert all local Business and Management local degrees to be Associate of Science

#### Program/TOP Code Alignment for Reporting:

| Business Programs/TOP Codes              | Management Programs/TOP Codes                    |
|--|--|
| 0501.00 - Business and Commerce, Gen.    | 0506.00 - Business Management                    |
| 0505.00 - Business Administration        | 0510.00 - Logistics and Materials Transportation |
| 0506.40 - Small Bus and Entrepreneurship | 0506.50 - Retail Store Operations and Mgmt       |





# 4. Summary Programs Recommendations

#### Accounting

3 degrees 5 certs

#### **Business**

8 ⇒ 2 AS degrees 12 ⇒ 7° certificates with 2 new GB

#### **Economics**

2 degrees 1 certificate

#### Management

4<sup>b</sup> AS degrees 6<sup>c</sup> certificates



- a. Two certificates: Project Management
- b. One degree: Retail Management
- c. Two certificates: Retail Management



# 5. New Program Details, part 1

Global Business Essentials, Cert of Specialization (9 units)

| Course  | BUS<br>ADT | Bus<br>AS | Supply Chain  | Units |
|---|------------|-----------|---------------|-------|
| BUS C118: Intro to International Business       | Е          | Е         | Е             | 3     |
| MS C100: Principles of Management               |            |           | R-Cert; R- AA | 3     |
| SM C101/MS C171: Prin. of Log/Supply Chain Mgmt |            |           | R-Cert; R- AA | 3     |

#### Program Student Learning Outcomes:

- 1. Develop and exhibit high standards of professional practice, demonstrating awareness of ethical and social responsibilities in today's multicultural, team-oriented, rapidly changing global environment.
- Analyze and recommend effective business decisions/solutions using a systematic, evaluative, and data-driven approach.





# 5. New Program Details, part 2

Global Business, Certificate of Achievement (16 - 19 units)

| Course  | BUS<br>ADT     | Bus<br>AS | Supply<br>Chain | Units |
|---|----------------|-----------|-----------------|-------|
| BUS C118: Intro to International Business       | Е              | Е         | Е               | 3     |
| MS C100: Principles of Management               |                |           | R-Cert; R-AA    | 3     |
| SM C101/MS C171: Prin. of Log/Supply Chain Mgmt |                |           | R-Cert; R-AA    | 3     |
| OR  |                |           |                 |       |
| SM C102/MS C172: Log/Supply Chain Operations    |                |           | R-Cert; R-AA    | 3     |
| BUS C100: Intro to Business                     | E <sup>1</sup> | R         | E-Cert<br>E-AA  | 3     |
| ENGL C136: Business Communication               | E <sup>1</sup> |           |                 | 3     |
| BUS C281, 282, 283 or 284: Work-Based Learning  |                |           |                 | 1-4   |





# 5. New Program Details, part 2, cont.

#### Global Business, Certificate of Achievement, continued

The Global Business Certificate of Achievement provides students a broader base of skills needed in the business and supply chain management aspects of working in small, medium, or large organizations that provide products and/or services locally or globally. Courses emphasize global business and management practices and the tools utilized in today's global business environment. This certificate prepares students for careers in procurement, logistics, sales, production planning, and sourcing. Most courses in this certificate can be applied to a Business Administration degree.

#### Program Student Learning Outcomes:

- Develop and exhibit high standards of professional practice, demonstrating awareness of ethical and social responsibilities in today's multicultural, team-oriented, rapidly changing global environment.
- Analyze and recommend effective business decisions/solutions using a systematic, evaluative, and data-driven approach.
- 3. Effectively communicate solutions to business problems using appropriate business terms and strategies.





# 6. Advisory Board Feedback

#### Discussion:

- Industry Trends & Technology Changes
- Workplace Recommendations
  - What do you look for when hiring employees?
  - What technical and soft skills should we be teaching our students in our courses and programs?
  - What future shifts do you anticipate in your industry, and how can we best prepare students?





# 7. Advisory Board Engagement

#### Discussion:

- Work-Based Learning
- Apprenticeship

## Ready to participate?

Contact Anna Isbell: aisbell@coastline.edu





# Thank you for your input!









April 30, 2021

Accounting
Business/Management
Economics



# California Community Colleges BUSINESS & ENTREPRENEURSHIP ORANGE COUNTY

# COASTLINE COLLEGE BUSINESS ADVISORY BOARD OC BUSINESS AND ENTREPRENEURSHIP

- WORKFORCE DEVELOPMENT
- EMPLOYABILITY
- ACADEMIC PREPARATION
- COMMUNITY BUILDING

- DR.A. CATHLEEN GREINER
- APRIL 30, 2021

#### **POWERED BY**



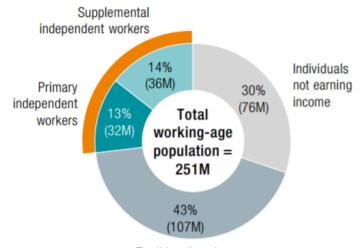
# CHANGING DYNAMICS IN THE WORKPLACE AND WORKFORCE

# MGI's survey shows that the independent workforce is larger than government statistics indicate

% of total working-age population; million

#### 68 million

people engaged in independent work<sup>2</sup>



Traditional workers

Size of non-earning population is lower than government statistics as the data above capture

- One year of income history
- Many sources of income that may be in informal economy

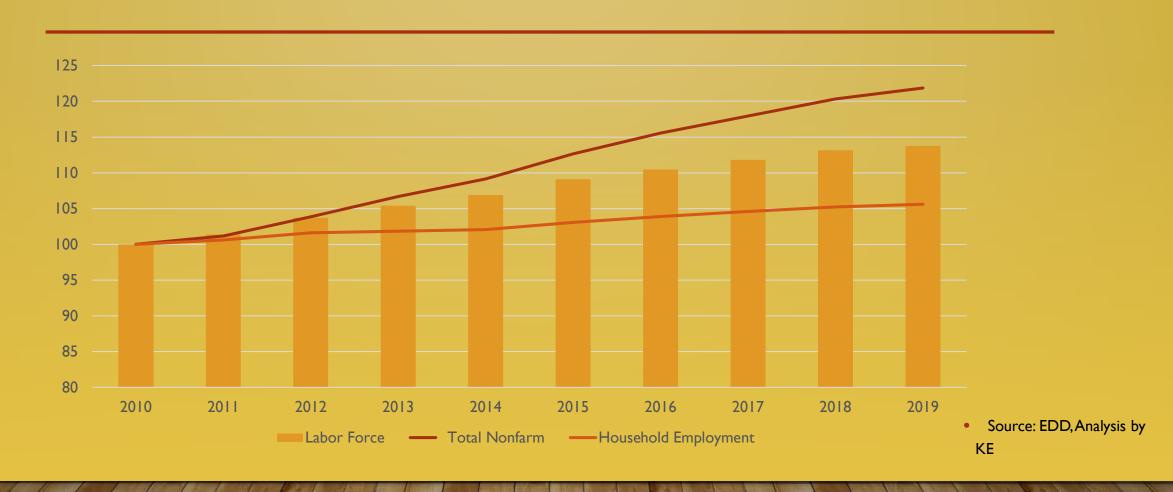


# MAKING CHOICES: CONSUMERS, BUSINESSES RESILIENT!

| Before Shutdown                       | Now                                      |
|---------------------------------------|--|
| In person meetings                    | Zoom                                     |
| Air travel for vacations and business | Zoom, Ground travel                      |
| Commuting to work                     | Zoom, Commuting on the rise              |
| Conventions and conferences           | Virtual conferences                      |
| Movie theaters                        | Netflix                                  |
| Dining out                            | Outdoor dining, carry out, Grub Hub      |
| Grocery store shopping                | Amazon                                   |
| Medical visits                        | Telemedicine                             |
| Paper, paper                          | Electronic documents, digital signatures |

Many of these alternatives already existed but were not as widely used as they are now

# SLOW LABOR FORCE GROWTH CONSTRAINING EMPLOYMENT GROWTH, MUST HIRE WORKERS OUTSIDE COUNTY



# OC ECONOMY GOES BEYOND PAYROLL FIRMS...

Nonfarm Payroll Establishments 2019

| Self-Employed Establishments 2018 |
|-----------------------------------|
|-----------------------------------|

|  |                |            |             | Average Payroll |
|--|----------------|------------|-------------|-----------------|
|  | Number of      |            | Payroll (\$ | per             |
| Industry   | Establishments | % of Total | millions)   | Establishment   |
| Total Private                                    | 124,261        | 100.0%     | \$96,108.1  | \$773,400       |
| Mining   | 36             | 0.03%      | \$39.9      | \$1,108,300     |
| Utilities  | 84             | 0.1%       | \$371.8     | \$4,426,500     |
| Construction                                     | 7,666          | 6.2%       | \$8,226.8   | \$1,073,100     |
| Manufacturing                                    | 5,256          | 4.2%       | \$13,352.7  | \$2,540,500     |
| Wholesale Trade                                  | 7,280          | 5.9%       | \$6,936.7   | \$952,800       |
| Retail Trade                                     | 9,527          | 7.7%       | \$5,887.9   | \$618,000       |
| Transportation and Warehousing                   | 1,508          | 1.2%       | \$1,451.1   | \$962,300       |
| Information                                      | 1,566          | 1.3%       | \$2,974.5   | \$1,899,400     |
| Finance and Insurance                            | 6,516          | 5.2%       | \$9,321.8   | \$1,430,600     |
| Real Estate and Rental                           | 6,422          | 5.2%       | \$3,318.4   | \$516,700       |
| Professional, Scientific, and Technical Services | 17,550         | 14.1%      | \$13,044.2  | \$743,300       |
| Management of Companies & Enterprises            | 600            | 0.5%       | \$4,326.4   | \$7,210,600     |
| Administrative Support                           | 5,336          | 4.3%       | \$6,724.1   | \$1,260,100     |
| Education Services                               | 1,653          | 1.3%       | \$1,289.6   | \$780,100       |
| Health Care                                      | 36,024         | 29.0%      | \$10,512.4  | \$291,800       |
| Arts, Entertainment, and Recreation              | 1,487          | 1.2%       | \$1,959.1   | \$1,317,500     |
| Accommodation and Food Services                  | 8,192          | 6.6%       | \$4,452.5   | \$543,500       |
| Other Services                                   | 7,558          | 6.1%       | \$1,918.2   | \$253,800       |

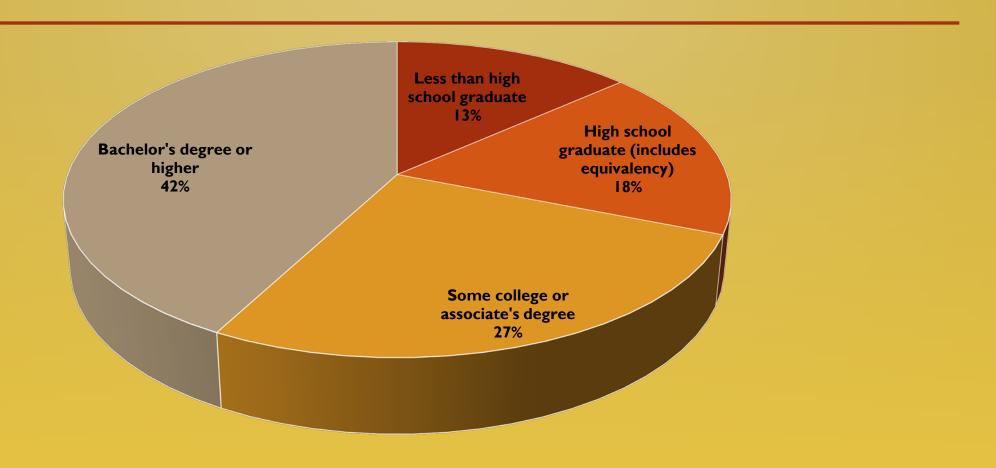
|  | Number of      | Total        | Establishments- |
|--|----------------|--------------|-----------------|
| Industry   | Establishments | Receipts     | % of Total      |
| All Industries                                   | 323,593        | \$19,312,826 | 100.0%          |
| Mining   | 479            | \$19,969     | 0.1%            |
| Utilities  | 92             | \$8,299      | 0.0%            |
| Construction                                     | 18,752         | \$1,302,152  | 5.8%            |
| Manufacturing                                    | 4,548          | \$339,509    | 1.4%            |
| Wholesale Trade                                  | 7,633          | \$910,338    | 2.4%            |
| Retail Trade                                     | 25,422         | \$1,522,005  | 7.9%            |
| Transportation and Warehousing                   | 26,351         | \$857,468    | 8.1%            |
| Information                                      | 4,949          | \$234,588    | 1.5%            |
| Finance and Insurance                            | 11,697         | \$1,128,121  | 3.6%            |
| Real Estate and Rental                           | 39,454         | \$5,129,268  | 12.2%           |
| Professional, Scientific, and Technical Services | 63,792         | \$3,600,552  | 19.7%           |
| Administrative Support                           | 25,059         | \$827,826    | 7.7%            |
| Education Services                               | 9,276          | \$186,445    | 2.9%            |
| Health Care                                      | 23,098         | \$1,044,585  | 7.1%            |
| Arts, Entertainment, and Recreation              | 15,520         | \$484,039    | 4.8%            |
| Accommodation and Food Services                  | 4,390          | \$219,167    | 1.4%            |
| Other Services                                   | 42,662         | \$1,477,030  | 13.2%           |

## BUSINESS AND ENTREPRENEURSHIP OC | BIG DATA

- Often, concern that no CC Top Codes for ENT...is it important in the economy and workforce? Resounding YES!
- Significant number of self-employed among workers with occupations that align with CC career education.
- The Business and Entrepreneurship sector is a critical contributor to innovation and new job growth, with linkages across many of Orange County's industries.
   The sector represents 28.3% of all private nonfarm employment in Orange County, and has grown significantly since 2015, with the number of establishments increasing by 22.4%. As of 2019, Orange County is home to 25,022 Business and Entrepreneurship establishments that employ 307,053 workers.
- Focusing on the residential-based workforce of Orange County from 2014 to 2018, there were an estimated 235,296 workers in Business and Entrepreneurship. On average, the annual wage for a residential based worker is \$85,381, slightly above the industry average.
- Entrepreneurship are comparable to the county-wide residential workforce. The industry has a largely educated workforce with 96% of workers holding at minimum a high school diploma or equivalent, exceeding the county-wide share by nine percentage points. On average this industry has a slightly older workforce as 70% of the work is 35 years of age or older, compared to the county at 65.2%. The racial and ethnic composition in this sector aligns closely with the county. [Tables 12, 13]

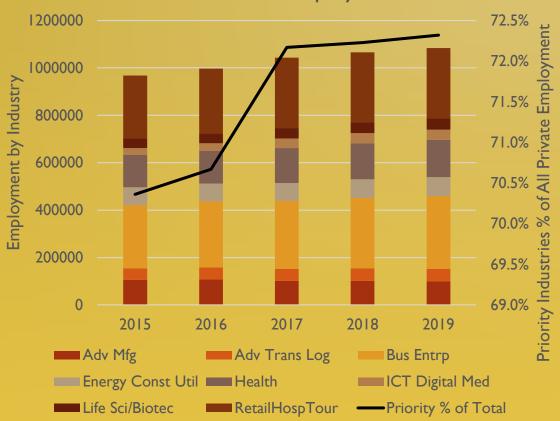
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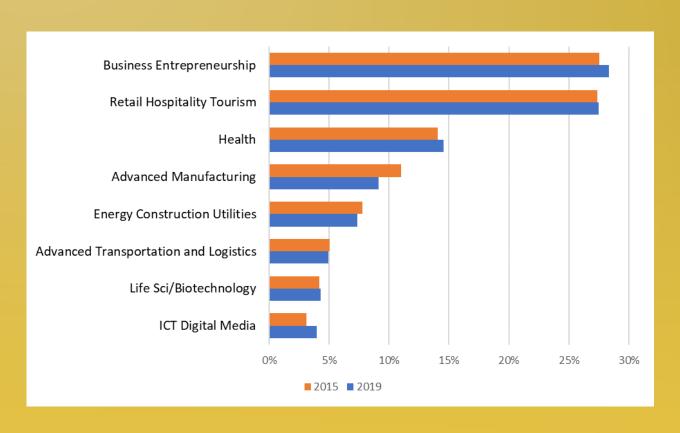
# DISTRIBUTION OF EDUCATIONAL ATTAINMENT IN ALL OCCUPATIONS



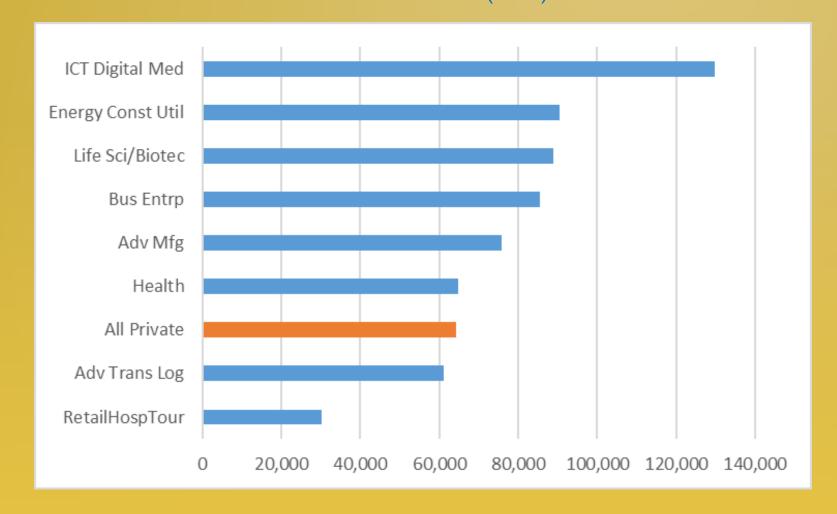
# PRIORITY SECTORS ACCOUNT FOR OVER 70% OF OCEMPLOYMENT

Priority Industries Comprise Increasing Share of All Private Employment





# PRIORITY INDUSTRIES-AVERAGE ANNUAL WAGES GENERALLY HIGHER (2019)



### Average Wage by Industry

- Useful as overall benchmark
- Combines all occupations
- No adjustment for part-time
- Skews higher...
  interpret with care

### Average Wage by Occupation

- Better gauge of worker pay
- Reported less frequently

# NUMBER OF ESTABLISHMENTS GREW ACROSS ALL PRIORITY INDUSTRIES

| Industry                              | 2015   | 2016   | 2017   | 2018   | 2019   |
|---------------------------------------|--------|--------|--------|--------|--------|
| Advanced Manufacturing                | 4,395  | 4,380  | 4,481  | 4,761  | 4,744  |
| Advanced Transportation and Logistics | 3,419  | 3,426  | 3,601  | 3,928  | 4,014  |
| Business Entrepreneurship             | 20,441 | 20,679 | 21,785 | 24,071 | 25,022 |
| Energy Construction Utilities         | 8,017  | 7,761  | 7,852  | 8,363  | 8,504  |
| Health                                | 9,871  | 10,127 | 10,458 | 10,990 | 11,285 |
| ICT Digital Media                     | 2,788  | 2,841  | 3,337  | 3,833  | 4,006  |
| Life Sciences/Biotechnology           | 1,482  | 1,565  | 1,693  | 1,830  | 1,883  |
| Retail Hospitality Tourism            | 14,615 | 14,994 | 16,033 | 17,050 | 17,569 |
| Total-All Priority Industries         | 65,028 | 65,773 | 69,240 | 74,826 | 77,027 |

## CHARACTERISTICS OF WORKERS IN PRIORITY SECTORS-EDUCATIONAL ATTAINMENT

|                                       | Less than   | H.S.<br>diploma or<br>equivalent<br>plus some | Associates |           |
|---------------------------------------|-------------|---|------------|-----------|
| Priority Sector                       | high school | college                                       | degree     | or higher |
| Advanced Manufacturing                | 19.1%       | 37.7%   | 6.1%       | 37.1%     |
| Advanced Transportation and Logistics | 15.5%       | 54.7%   | 8.3%       | 21.5%     |
| Business and Entrepreneurship         | 3.5%        | 33.2%   | 7.6%       | 55.7%     |
| Energy, Construction, and Utilities   | 15.0%       | 41.5%   | 6.7%       | 36.9%     |
| Health                                | 4.6%        | 31.4%   | 11.6%      | 52.4%     |
| ICT and Digital Media                 | 1.7%        | 27.4%   | 6.4%       | 64.5%     |
| Life Sciences/Biotechnology           | 7.0%        | 30.0%   | 6.2%       | 56.7%     |
| Retail, Hospitality, and Tourism      | 15.7%       | 55.0%   | 7.9%       | 21.4%     |
| Total OC Residential Workforce        | 12.5%       | 39.8%   | 7.6%       | 40.1%     |

## CHARACTERISTICS OF WORKERS IN PRIORITY SECTORS-AGE

| Priority Sector                       | Age 16 to 24 | Age 25 to 34 | Age 35 to<br>49 | Age 50 to 64 | Age 65 or older |
|---------------------------------------|--------------|--------------|-----------------|--------------|-----------------|
| Advanced Manufacturing                | 6.6%         | 19.0%        | 32.4%           | 37.0%        |                 |
| Advanced Transportation and Logistics | 9.2%         | 24.0%        | 31.2%           | 30.8%        | 4.8%            |
| Business and Entrepreneurship         | 6.3%         | 23.1%        | 35.1%           | 28.0%        | 7.4%            |
| Energy, Construction, and Utilities   | 6.1%         | 22.4%        | 35.6%           | 29.4%        | 6.5%            |
| Health                                | 7.6%         | 25.1%        | 33.3%           | 27.6%        | 6.5%            |
| ICT and Digital Media                 | 7.5%         | 28.1%        | 39.2%           | 22.5%        | 2.6%            |
| Life Sciences/Biotechnology           | 7.2%         | 22.3%        | 33.5%           | 31.1%        | 5.8%            |
| Retail, Hospitality, and Tourism      | 29.0%        | 24.6%        | 23.8%           | 18.9%        | 3.7%            |
| Total OC Residential Workforce        | 11.9%        | 22.9%        | 32.2%           | 27.7%        | 5.3%            |

## Characteristics of Workers in Priority Sectors-Race/Ethnicity

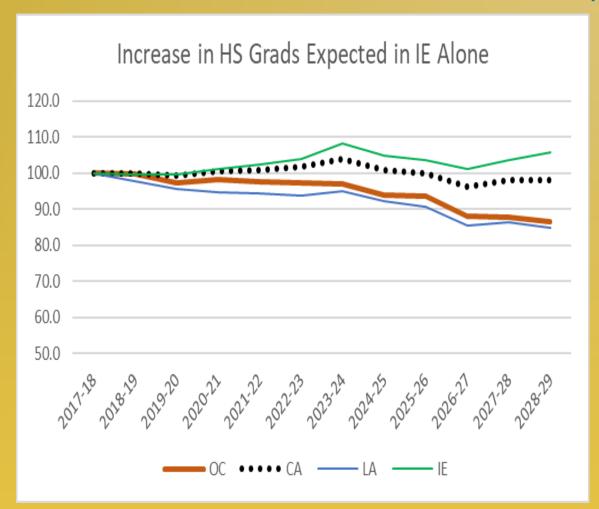
| Priority Sector                       | White | Black or<br>African<br>American | Asian | American<br>Indian,<br>Alaskan,<br>Hawaiian | Other race or multiple races | Hispanic |
|---------------------------------------|-------|---------------------------------|-------|---|------------------------------|----------|
| Advanced Manufacturing                | 36.9% | 0.9%                            | 24.0% | 0.4%  | 1.8%                         | 36.0%    |
| Advanced Transportation and Logistics | 38.1% | 2.2%                            | 16.5% | 1.2%  | 1.8%                         | 40.2%    |
| Business and Entrepreneurship         | 53.7% | 1.9%                            | 19.2% | 0.4%  | 2.6%                         | 22.2%    |
| Energy, Construction, and Utilities   | 47.9% | 1.3%                            | 12.8% | 0.4%  | 1.5%                         | 36.1%    |
| Health                                | 38.6% | 2.2%                            | 30.2% | 0.5%  | 2.3%                         | 26.2%    |
| ICT and Digital Media                 | 53.3% | 2.3%                            | 27.1% | 0.3%  | 3.1%                         | 13.8%    |
| Life Sciences/Biotechnology           | 42.6% | 1.1%                            | 32.6% | 0.6%  | 1.8%                         | 21.3%    |
| Retail, Hospitality, and Tourism      | 39.3% | 1.5%                            | 16.0% | 0.4%  | 2.6%                         | 40.1%    |
| Total OC Residential Workforce        | 42.6% | 1.7%                            | 19.6% | 0.5%  | 2.3%                         | 33.3%    |

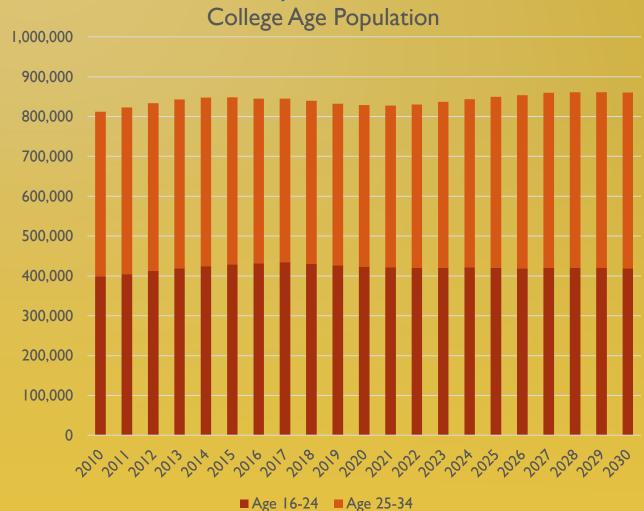
Source: 2014-20, 8 U.S. Census Public Usa Micro Data Sample (5-year est) mates

## CHARACTERISTICS OF WORKERS IN PRIORITY SECTORS-GENDER

| Priority Sector                       | Male  | Female |
|---------------------------------------|-------|--------|
| Advanced Manufacturing                | 70.3% | 29.7%  |
| Advanced Transportation and Logistics | 78.1% | 21.9%  |
| Business and Entrepreneurship         | 50.8% | 49.2%  |
| Energy, Construction, and Utilities   | 77.9% | 22.1%  |
| Health                                | 30.6% | 69.4%  |
| ICT and Digital Media                 | 73.1% | 26.9%  |
| Life Sciences/Biotechnology           | 60.0% | 40.0%  |
| Retail, Hospitality, and Tourism      | 50.3% | 49.7%  |
| Total OC Residential Workforce        | 54.4% | 45.6%  |

# COLLEGE AGE POPULATION TRENDING DOWN IN OC, YOUNG ADULT (MILLENNIALS) RISING



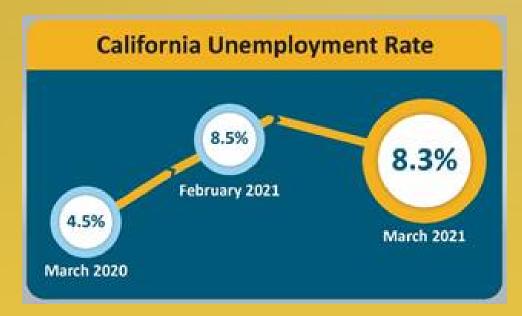


## LOCAL INFO | WARN REPORT (Worker Adjustment and Retraining Notice)

Included in the Resource Guide; Here are some observations from the analysis (03/2021):

- •According to the most recent data available from EDD, the unemployment rate in Orange County was 6.8% in February 2021, DOWN from a revised 7.3% in January 2021, but far above the February 2020 rate of 2.8% (March 2021; figures will be released by EDD later this month).
- •Since February 1st, immediately following the end of previous reporting period, 7 companies in Orange County filed WARN notices with EDD. These notices affected an additional 774 employees throughout the county since the last reporting period. All of the 774 employees affected since the last reporting period were affected by a permanent layoff or closure.
- •There were 12 employees affected by a layoff or closure in February 2021, which is significantly lower than the 199 employees affected in January 2020. However, there were 395 employees affected by a layoff or closure in March 2021. Though this number is far below the number of employees affected in March 2020, it is the first month since December 2020 in which there was an increase in the number of employees affected.
- •Additionally, there was a DECREASE of 8.5% (626 postings) in online job postings from the prior reporting period. However, weekly online job postings throughout the month of March were much higher than previous months, with the number of postings in some weeks being above pre-pandemic levels.





### California's Labor Market, by the Numbers...

- California's month-over unemployment rate improved from **8.5 percent in February to 8.3** percent in March<sup>2</sup> down from the 16 percent peak in April 2020.
- All but one of California's 11 industry sectors gained jobs last month. Leisure & Hospitality (+42,400) continued to have the state's largest month-over increase thanks to Full-Service Restaurants. Trade, Transportation, and Utilities (+32,200) also had large gains thanks to strength in Clothing Stores and Transportation and Warehousing.
- Strong gains were also posted in <u>Professional and</u> <u>Business Services (+22,000) led by accounting, tax</u> <u>preparation, and bookkeeping firms.</u>

# FUTURE OF WORK

# 9 THAT ARE MEANINGFUL AND EFFECTIVE



\*ADAPTABILITY



\*ANALYSIS/SOLUTIONS MINDSET



\*COMMUNICATIONS











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BUSINESS & ENTREPRENEURSHIP

ORANGE COUNTY