ADVANCED TECHNOLOGY & EDUCATION PARK
Development Progress & Board Direction
INFORMATION DISCUSSION ITEMS

- Progress | History
- District Development | Operation of Site
- IVC Operation of Temporary Campus
- Outreach Operations | Center Status
- Academic Programs
- Education | Commercial Partners
SOUTH ORANGE COUNTY COMMUNITY COLLEGE DISTRICT

Characteristics
Distance to ATEP

IVC  5.8
SC   16.3
Coastline  6.1
OCC  7.0
Santa Ana  6.1
Santiago Canyon  10.3
Fullerton  15.0
Cypress  16.8
<table>
<thead>
<tr>
<th>District</th>
<th>Service Area in Square Miles</th>
<th>% of Sq Mile Area</th>
<th>Service Area Population</th>
<th>Headcount</th>
<th>FTES</th>
</tr>
</thead>
<tbody>
<tr>
<td>SOCCCD</td>
<td>382</td>
<td>45%</td>
<td>900,000</td>
<td>43,834</td>
<td>25,000</td>
</tr>
<tr>
<td>NOCCCD</td>
<td>155</td>
<td>18%</td>
<td>1,000,000</td>
<td>83,799</td>
<td>34,697</td>
</tr>
<tr>
<td>RSCCD</td>
<td>193</td>
<td>23%</td>
<td>700,000</td>
<td>50,223</td>
<td>34,310</td>
</tr>
<tr>
<td>COAST</td>
<td>105</td>
<td>13%</td>
<td>767,000</td>
<td>50,799</td>
<td>39,084</td>
</tr>
<tr>
<td></td>
<td>Saddleback College</td>
<td>Irvine Valley College</td>
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<td>--------------------------------</td>
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</tr>
<tr>
<td>LAND</td>
<td>172.54 Acres</td>
<td>100 Acres</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>FACILITIES</td>
<td>609,208 Gross Sq Ft</td>
<td>407,162 Gross Sq Ft</td>
<td></td>
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</tr>
<tr>
<td>STUDENTS Fall 2010</td>
<td>27,057 Headcount</td>
<td>15,509 Headcount</td>
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</table>
BOARD APPROVAL TIMELINE

- Conveyance Agreement • April 2004
- Long Range Plans and CEQA • Nov 2008
- Concept 3A Plan • March 2009
- City of Tustin and County Agreements • Jan 2011
PHASE I
- Started
  Nov 2010
- Finished
  Feb 2011

PHASE II
- Start
  Mar/Apr 2011
- Finish
  Aug 2011

HANGAR
- Start
  Summer 2011
ATEP Mission & Vision
ATEP
VISION & MISSION STATEMENT

As the premier center of career-technical education in Orange County, ATEP will prepare students in current and emerging technological careers for a globally competitive economy.

- ATEP Vision Statement

To offer applied education and training programs in current and emerging technological careers driven by innovative business, industry and education partnerships.

- ATEP Mission Statement

Board Approved
CAREER TECHNICAL EDUCATION

CTE Mission of California’s Community Colleges
CAREER TECHNICAL EDUCATION (CTE)

One of Three Primary Missions for California Community Colleges

1) Education for transfer to four year university

2) CTE | Workforce Training
   • Vocational and Technical Training
   • Certificates, AA’s, coursework

3) Basic Skills
THE ROAD LESS TRAVELED:

Realizing the Potential of Career Technical Education in the California Community Colleges

Nancy Shulock
Colleen Moore
Jeremy Offenstein

February 2011
Issuance of workforce related credentials is an undeniably important function of colleges.

Not well understood by policymakers.

Increased research and focus needed to better support job/career related education.

CTE potential is not fully realized in California.

Colleen Moore

February 2011
PROGRESS OF ATEP COURSE OFFERINGS

✓ Fall 2007 | Initially GE and CTE to fill space & schedule

✓ April 2009 | Demonstrate “Significant Progress”

✓ Fall 2009 | WASC conflict and Substantive Change +50% certificates / degrees attainable at ATEP

✓ Spring 2010 | WASC approves Substantive Changes
PROGRESS OF ATEP COURSE OFFERINGS

✓ Oct 4, 2010 | IVC operates and administers campus

✓ Spring 2010 | Increased CTE, downsized G.E. to original mission and vision

✓ Fall 2007 - 2011 | IVC & SC joint course offerings
CURRENT STATUS OF A TEP

- **District Responsibility For Site Development Only**
- **Outreach Operation | Satellite Campus**
- **Both Colleges of District Can Schedule and Use**
  - Current 1.5 acre site is an IVC Outreach Center
    - Operated by IVC
    - Shared with SC
- **Not a College**
FULL CENTER STATUS ATTAINMENT

- 6-10 years in future
- Advantage Building Funds (500 FTES)
- Advantage Operational Funds (1000 FTES)
EDUCATION PROGRAMS

IRVINE VALLEY COLLEGE
Environmental Design & Compliance Center (EDCC)
Technology and Workforce Training (CACT)
Design Model Making & Rapid Prototyping (DMP)

SADDLEBACK COLLEGE
Rapid Digital Manufacturing
RapidTech - National Science Foundation Center for Rapid Technologies
# EDUCATION PROGRAMS

**DRAFT - Proposed Program Areas for ATEP**

<table>
<thead>
<tr>
<th>Allied Health</th>
<th><strong>BIOTECHNOLOGY</strong></th>
<th><strong>BIOASSISTANT</strong></th>
<th><strong>PHARMACY TECHNOLOGY</strong></th>
<th><strong>HEALTH INFORMATION MANAGEMENT</strong></th>
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<tbody>
<tr>
<td>Biotechnology</td>
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<tr>
<td>Lab Assistant</td>
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<tr>
<td>Pharmacy</td>
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<tr>
<th>Green Technologies</th>
<th><strong>ALTERNATING ENERGY</strong></th>
<th><strong>ENVIRONMENTAL AND SUSTAINABILITY</strong></th>
<th><strong>SUSTAINABLE DESIGN</strong></th>
<th><strong>LITERARY AND ARTS</strong></th>
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<tr>
<th>Media Technologies</th>
<th><strong>ANIMATION/DIGITAL ILLUSTRATION</strong></th>
<th><strong>3D COMPUTER ANIMATION</strong></th>
<th><strong>MOTION GRAPHIC ANIMATION</strong></th>
<th><strong>CINEMA TELEVISION PROGRAMS</strong></th>
<th><strong>DIGITAL VIDEO PRODUCTION</strong></th>
<th><strong>ENTERTAINMENT THEATER TECHNOLOGY</strong></th>
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<tr>
<th>Applied Technologies</th>
<th><strong>AUTOMATION/PLC/MANUFACTURING</strong></th>
<th><strong>NETWORKING, SECURITY, COMPUTER MAINTENANCE</strong></th>
<th><strong>CIVIL AND MECHANICAL ENGINEERING AND DRAFTING</strong></th>
<th><strong>CNC/NASA/AVIONICS</strong></th>
<th><strong>COMPUTER FORENSICS</strong></th>
<th><strong>CONSTRUCTION TECHNOLOGY/ARCHITECTURE</strong></th>
<th><strong>RESIDENTIAL ELECTRONICS</strong></th>
<th><strong>ELECTRONICS TECHNOLOGY</strong></th>
<th><strong>COMPUTER ART MANAGEMENT</strong></th>
<th><strong>HOSPITALITY AND LEISURE MANAGEMENT</strong></th>
<th><strong>FOOD SUSHI, QUALITY ASSURANCE AND AUDITING</strong></th>
<th><strong>DESIGN MODEL MAKING AND PROTOTYPING</strong></th>
<th><strong>CASTING MODEL MANUFACTURING</strong></th>
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BUILDING ONE

30,000 GROSS SQUARE FEET

- One College
- Two Colleges
- Mix of Programs
- Selections of Initial Programs
Education Institutional Partners
Commercial Business Partners
WHY PARTNER?

1) Education and commercial business partners provide **revenue** to pay for **future** district buildings.

2) Education partner institutions will enhance the education park concept with Orange County focus. **Articulation** and partnering with our colleges will be key.

3) Commercial partners could provide **student internships**, apprenticeships, along with technology business demonstration venue for college collaboration.
DRAFT Desirable Criteria:

- Possess accreditation by Western Association of Schools and Colleges and/or comparable regional and professional accreditation agencies
- Be of a professional reputation consistent with ATEP’s vision, mission and role within the SOCCCD and with the Colleges
- Demonstrate high potential for articulation / matriculation with SOCCCD college program(s)
DRAFT Desirable Criteria:

Continued

- Agree to noncompetition with existing SOCCCD college program(s)
- Demonstrate a Career-Technical or High-Tech focus consistent with ATEP vision
- Possess strong, documentable financial health
- May be either a not-for-profit, for-profit or religious affiliated institution.
**DRAFT Desirable Criteria:**

- Engage in substantive dialogue regarding development of ATEP and **tangible contributions** the prospective partner will make to student **success**.

- Opportunities for internships, part time jobs, and collaborations | **Synergies**.

- Be of a **professional reputation** consistent with ATEP’s vision, mission and role within the SOCCCD and with the Colleges, and Tustin Legacy Master Plan.

- Possess strong, documentable **financial health**.

- Focus primarily on the SOCCCD geographic **service area**.
ATEP BUILDING ONE TIMELINE

May 2011
Initial Programming Design

June 2011
Architectural Concept Planning & Programming

January 2012
Building Schematic & Design Development

December 2012
Construction Drawings Completed

June 2013
Construction Begins

February 2015
Building Opens

2012
Building
2013
Planning & Programming

2011
Initial Programming Design

2015
Building Opens
Next Steps

At the April or May Board of Trustees meeting Saddleback College President and the Irvine Valley College President will present their vision and perspective for ATEP.
Who will operate and administer building one?

1) Saddleback College
2) Irvine Valley College
3) Both Colleges
What CTE programs will initially be offered and how will we choose them?
How shall we select and review potential land use partners?