

# BUSES & BUSES & BUSES

+ TECHNOLOGY + NETWORKING + EDUCATION

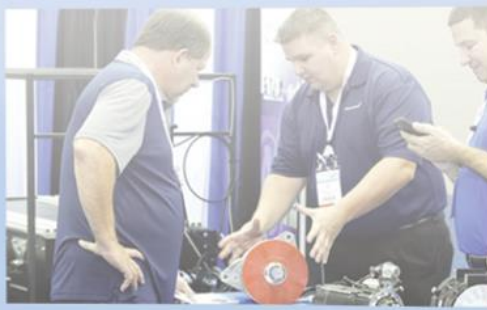


**SEPTEMBER 11-13, 2017**  
**INDIANA CONVENTION CENTER**  
**INDIANAPOLIS**



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# SCRTTC

**Southern CA Regional Transit Training Consortium**

Nina Babiarz, SCRTTC Training Director

## How the Industry Can Tackle Labor and Staffing Needs



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# How the Industry Can Tackle Labor and Staffing Needs

- Advance the skills of our Transit workforce...preparing for the future; **the future is NOW**
- California Corporation and 501 c (3) Non-Profit
- **48** members; Transits, Community Colleges, Affiliates
- **34** Transits, **14** Participating Colleges
- Researched & demonstrated new transit workforce development 'Learning Model' feasibility



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# How the Industry Can Tackle Labor and Staffing Needs

- Develop/Deliver Transit Workforce Training
- ITS standards, practices & procedures; working knowledge
- **29** Courses; includes **3** Distance Learning courses
- **71,404 HOURS to 4,990 STUDENTS**



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# How the Industry Can Tackle Labor and Staffing Needs

- **Committees:**
  - **Executive Committee**
  - **Administrative**
  - **Education Services**
  - **Financial**
  - **Government Relations**
- **James A Ditch Education Fund; Annual Golf Tournament Scholarships**



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# How the Industry Can Tackle Labor and Staffing Needs

- **SCRTTC Funding History:**
  - Transit & College Membership fees
  - Initial federal funds; US DOT FHWA JPO administered by ITS America 3 years at \$75k each
  - FTA grant funding obtained for 4 years; 2006–2010 \$1.4m (\$1.2 post Katrina)
  - Industrial Driven Regional Collaborative (IDRC)
    - 2 years state grant funds with Rio Hondo College (\$500k)
  - Reformulated Gas Settlement; Only awarded to Non-Profits
    - \$675k over 3-years
  - Private Industry Partnerships



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# How the Industry Can Tackle Labor and Staffing Needs

- **SCRTTC Funding History con't.:**
  - FTA 5<sup>th</sup> year continued funding \$450k for 2011
  - Caltrans, Div. Mass Transportation; underwrote training delivery
  - Los Angeles County Bus Operators Subcommittee (LA BOS)
    - Member fees of all Los Angeles County transits
    - \$600k over 3 years
  - FTA Innovative Transit Workforce Development (ITWD)
    - \$673,713 over 18 months



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# How the Industry Can Tackle Labor and Staffing Needs

- **Needs Assessment**

- Imperative to remain current with technologies
- Critical to keep pace with continually advancing technologies
- Key to anticipating training needs with emerging technologies
- Required to reach GHG air quality attainment goals

- **Skill Gap Analysis**

- Identify new training gaps
- Provide Input to new industry-wide course developments
- Identified gaps expedite time sensitive funding priorities
- Ensure industry workforce is current with GHG technology deployments



# How the Industry Can Tackle Labor and Staffing Needs

- SCRTTC Curriculum Delivery SOP
  - Fund, budget, Issue RFP
  - Determine training dates
  - Secure training delivery facility site
  - Award training delivery contract
  - Post on-line registration
  - Market courses to be delivered
  - Finalize training rosters
  - Deliver training; signed rosters and evaluations
  - Data Collection and Student Certificates Issued



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# How the Industry Can Tackle Labor and Staffing Needs

- **Course Development and Delivery Process; SCRTTC SOP**
- **OEM support**
  - Requires constant skills upgrades to remain current with transit advancements
  - Critical for alternative fuels/low emission and Zero Emission Vehicles
- **Existing ZEB fleet hands-on training support**
  - Key component to deploy & increase of clean operating vehicles
  - Imperative to decreased fuel consumption and lower emissions
  - Requires computer science skills
  - Integration of ITS transit systems imperative

# How the Industry Can Tackle Labor and Staffing Needs

- **SCRTTC Distance Learning**
- 4 eLearning Courses Developed
  - eDVOM,
  - eElectrical I,
  - eINSITE,
  - eCNG Vehicle Safety

