

**NASTF Education Committee**  
**Road to GREAT Technicians project**  
(version date: March 22, 2017)

**Industry problem: Attract great kids into our great industry and keep them through retirement.**

**Project Objective:** Provide a structure on which individual efforts will be more effective.

**NASTF Role (NASTF Education Committee):** Identify gaps in the effort to correct the INDUSTRY PROBLEM and facilitate/monitor solution of the PROBLEM ELEMENT.

Problem Elements:

- Shortage of qualified technicians, including Career development
  - Promotion of the tech profession (TechForce Foundation)
    - Pre-high school  
<http://www.scholastic.com/nascarspeed/pdfs/AccelerationNationGuide.pdf>
    - High school
    - Community college/VoTech
    - Adult
  - Image of auto service profession (TechForceFoundation)
  - Low reading/math skills of incoming cc/VoTech students
    - NASCAR Acceleration Nation  
<http://www.scholastic.com/nascarspeed/pdfs/AccelerationNationGuide.pdf>
  - Career path/opportunities
    - AutoCare [www.autocarecareers.org/](http://www.autocarecareers.org/)
    - Goal: Publish/Adopt technician career path promotional item
    - Goal: Increase career fair effectiveness
  - Parental support of a tech career
    - TechForce Foundation/FutureTech Success campaign
  - Guidance counselor support for a tech career
    - TechForce Foundation/FutureTech Success campaign
  - Poor business mgmt/supervision loses potential techs early to other industries
    - Goal/Measurement/Manager
      - a. Improve awareness of tools/resources to improve mgmt. skills/stat?
      - b. Improve mgmt./supervisory skills to minimize loss of promising students to other industries/stat: (internship rates & post-grad auto employment)
      - c. Adopt existing mentoring programs for apprenticeships
- Technical Education
  - Internships/mentoring/apprenticeships
    - Goal/measurement
      - a. Increase independent shop participation in college programs
      - b. Increase student participation rates in auto-related intern/mentor programs/Student participation rates
      - c. Establish apprenticeship national standard requirement
  - Solution Tools
    - a. [ABRA Apprentice Program 2017](#)
    - b. NATEF Mentoring programs
    - c. NATEF Intern programs
  - High school shop class revival

Continued...

Road to GREAT Technicians Project

- Community college/vo-tech support
  - Goal: Increase advisory group participation by industry professionals
- State laws regulating CC programs
  - Goal: ID/count automotive programs (NATEF?)
- Shortage of qualified tech instructors
- Post grad tech education class attendance
- Scholarships
  - Joint industry [www.automotivescholarships.com](http://www.automotivescholarships.com)
- Education/training curriculum (student & continuing ed)
  - Goal/measure/Manager: Aftermarket must establish a comprehensive kid-to-veteran tech-ed plan and curriculum
    - Sub-Goals/measure
      - a. Publish/test a model
      - b. ?
  - Solution tools
    - AYES [www.eyes.org/About-Us.aspx](http://www.eyes.org/About-Us.aspx)
    - <http://www.moparcap.com/> (employment/intern anywhere)
    - <http://www.nc3.net/certifications/transportation/>
    - <http://www.ccbcmd.edu/Programs-and-Courses-Finder/Program/automotive-technology-global-option>
- Deficient skills need updating/upgrading
  - Basic computer skills, including software installation and certificates
- Other Problems to Solve
  - Independent techs need more OEM-specialist training
    - Forums like BIMRS and BIMRS Tech)

Continued...

Discussion stakeholders:

- ASE
- NATEF/AYES (Trish Serratore)
- ATMC (Dave Milne)
- AutoCare (Sue Kalish)
- NADA
- ASA/AMI
- CVSNI (Mark Karon)
- ITPA
- NACAT
- OEMs (Edu Roundtable?)
- UTI TechForce Foundation (from Mark Warren?)
- Carquest Technet (Chris Chesney)
- Worldpac (Rob Morrell)
- NAPA
- A-R-A Education Foundation (Ginny Whelan)
- Global Automakers (Julia Rege)
- Alliance of Automobile Mfgs (Steve Douglas)
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Activity references and timeline:

- [www.nastf.org/Road2GreatTechs](http://www.nastf.org/Road2GreatTechs)
- [Committee discussion May 4, 2016](#)
- [Committee discussion July 20, 2016](#)
- [Committee discussion Oct 26, 2016](#)
- [Committee discussion Jan 18, 2017](#)