Automotive & HEVi Technologies Division

Mission

The Automotive/HEVi Technologies Division prepares students to become efficient and productive entry-level service and collision repair technicians.

Vision

OSU-Okmulgee's Automotive and HEVi Technologies Division will:

- Be a high-performance unit, which focuses concurrently on both productivity and quality with faculty, staff and students and is committed to excellence.

- Be recognized universally as a unit that develops technicians of the future for the industries served by the unit who are life-long learners and understand the globalization of the world in which we live.

- Be a leader in capitalizing on new opportunities and responding to the changing needs of the industries served by the unit for Oklahoma, the region and society.

Core Values

Excellence – We seek excellence in all our endeavors, and we are committed to continuous improvement.

Intellectual Freedom – We believe in ethical and scholarly questioning in an environment that respects the rights of all to freely pursue knowledge.

Integrity – We are committed to the principles of truth and honesty, and we will be equitable, ethical, and professional.

Service – We believe that serving others is a noble and worthy endeavor.

Diversity – We respect others and value diversity of opinions, freedom of expression, and other ethnic and cultural backgrounds.

Stewardship of Resources – We are dedicated to the efficient and effective use of resources. We accept the responsibility of the public's trust and are accountable for our actions.

Goals, Critical Success Factors, Objectives and Strategies

Goal One: Economic Development: Provide employers with graduates who are assets to the business and the community and offer continuing education opportunities in response to the needs of the industries served by the unit.

Critical Success Factors:

- 100% of graduates offered employment opportunities
- Number of opportunities provided to auto service partners matches industry demand
- Number of opportunities provided to HEVi partners matches industry demand
- Number of opportunities provided to collision repair partners matches industry demand
- Number of contractual agreements entered into with industry partners matches industry demand

Objectives:

Objective 1.1: Assure employment opportunities for all graduates.

Strategies:

- Maintain current program structures.

Objective 1.2: Offer use of facilities/tools & equipment/faculty to provide incumbent workforce training.

Strategies:

- Survey Industry partners to establish workforce-training needs.
- Communicate with industry partners regarding availability of facilities, tools and equipment and faculty for incumbent workforce training.
- Contract, as appropriate, with industry partners to provide incumbent workforce training.
- Agree, as appropriate, to receive curriculum, training aids, special tools, etc. in lieu of financial compensation for use of facilities, tools and equipment and faculty for incumbent workforce training.

Goal Two: Academic Excellence: Improve unit curricula to be reflective of the needs of the industries and students served by the unit.

Critical Success Factors:

- NATEF certification of auto service programs
- NATEF certification of ATC Freightliner program
- NATEF certification of collision repair program
- AED Certification of Caterpillar Program
- AED Certification of Komatsu Program
- AED Certification of Toyota T-LIFT Program
- Student assessment of all programs indicates majority of students are satisfied
- Student assessment of all faculty indicates majority of students are satisfied
- Advisory committee assessment of all programs at satisfactory or higher rating

Objectives:

Objective 2.1: Implement systematic review and update of course competencies and instructional delivery utilizing established assessment and curriculum development techniques.

Strategies:

- Develop/update course syllabi using established uniform syllabus format.
- Develop course syllabi to established NATEF standards.
- Develop course syllabi to established AED standards.
- Administer student assessment instruments for programs.
- Administer student assessment instruments for faculty.
- Include curriculum review as part of advisory committee meeting agendas.

Goal Three: Synergy in Use of Resources: Effectively manage physical, financial and human resources to reduce costs, maximize efficiency and improve services to students and industries served by the unit.

Critical Success Factors:

- Recruitment trips combined with internship visits as appropriate
- Common training aid utilization among unit as appropriate
- Facilities upgraded/remodeled as appropriate
- Faculty teaching in strength areas as appropriate

Objectives:

Objective 3.1: Develop a plan of action to maximize use of faculty time and effort relative to new student recruitment and continuing student performance evaluation during internships.

Strategies:

- Assign high school and career technology center visitations uniformly among faculty.
- Combine internship visits as appropriate among faculty and program chairs.

Objective 3.2: Develop a training aid/equipment rotation plan to maximize their use.

Strategies:

- Develop and maintain list of common training aids/equipment and schedule their rotation.

Objective 3.3: Develop a plan to generate revenues from industries served and other sources common to the institution for facility improvement.

Strategies:

- Involve President and Vice Presidents in planning for and raising funds for improvements.

Objective 3.4: Utilize faculty-training matrix to establish teaching assignments as appropriate.

Strategies:

- Assign teaching responsibilities within programs to reflect faculty certifications and/or training as appropriate.

Goal Four: Image: Enhance the image of the unit by participating in activities that promote professionalism and career development within the industries served by the unit.

Critical Success Factors:

- A minimum of three published press releases/articles annually
- Participate in a minimum of five community or industry related activities promoting the image of the unit

Objectives:

Objective 4.1: Develop periodic press releases or articles that highlight a student, faculty or program accomplishment.

Strategies:

- Compile list of newspapers, periodicals and newsletters related to industries served by the unit.
- Coordinate the development and issuance of releases with the Public Information Office.

Objective 4.2: Participate in or develop community or industry related activities which promote the unit.

Strategies:

- Attend/develop a minimum of two career related events.
- Attend/develop a minimum of two educational related events.
- Attend/display/make presentations at a minimum of one trade show or conference.

Goal Five: Partnerships/Collaborations: Increase and leverage unit resources through enhanced strategic alliances and partnerships.

Critical Success Factors:

- Addition of new partners to match entry-level workforce needs of industries served by the unit
- Number of on-loan training aids to unit to match curriculum requirements
- Gifts-In-Kind to adequately support quality training efforts
- Financial assistance adequate to support student and program objectives
- Maximize use of facilities to support program expansion and the addition of new programs
- Maximize use of facilities to support incumbent workforce training, industry related trade shows and conferences

Objectives:

Objective 5.1: Meet with industry representatives to determine entry-level workforce needs.

Strategies:

- Develop a plan that prioritizes partnership potentials.

Objective 5.2: Assess on-loan equipment needs by program.

Strategies:

- Develop a plan for each program that delineates on-loan equipment needs and outlines strategies to receive them.

Objective 5.3: Assess gift-in-kind needs by program.

Strategies:

- Develop a plan for each program that delineates gift-in-kind needs and outlines strategies to receive them.

Objective 5.4: Assess financial assistance needs by program.

Strategies:

- Develop a plan for each program that delineates the financial assistance needs and outlines strategies to receive them.

Objective 5.5: Assess maximum facility usage.

Strategies:

- Develop a plan that delineates maximum facility usage that allows for program expansion and the addition of new programs.

Objective 5.6: Assess facility needs for incumbent workforce training, trade shows and conferences.

Strategies:

- Develop a plan that delineates facility needs for incumbent workforce training, trade shows and conferences.

Goal Six: Student Development: Encourage student engagement with sponsors and potential employers to maximize learning and career development opportunities.

Critical Success Factors:

- Fifty percent of eligible high school and career technology center students participating in shadowing experiences or internships
- Seventy-five percent of eligible program students employed by potential sponsor prior to first semester enrollment
- One hundred percent of eligible program students involved in paid internship experiences

Objectives:

Objective 6.1: Support high school and career technology center program efforts to arrange industry contact for their students.

Strategies:

- Promote AYES and similar programs.
- Encourage employers to participate in student related activities.

Objective 6.2: Request potential student sponsors to employ students during the summer immediately preceding their first semester enrollment.

Strategies:

- Promote summer employment during presentations to potential student sponsors.
- Promote summer employment to students and parents.

Objective 6.3: Establish paid internships as a required part of program participation.

Strategies:

- Only accept enrollment of students who have an industry sponsor as applicable to program structure.
- Only accept employer participation with agreement to provide paid internship opportunities.

Goal Seven: Diversity: Increase diversity and unit enrollment through targeted recruitment and retention.

Critical Success Factors:

- 375 as unit benchmark for total student fall enrollment
- Unit demographics match industry demographic needs
- A minimum of five dealerships recruiting students for scholarship submission annually in Gulf State Diversity Scholarship program

Objectives:

Objective 7.1: Develop a recruitment plan that maximizes faculty and industry sponsor effort and meets program capacities for new student enrollment.

   Strategies:

- Faculty to arrange for industry sponsors to visit Career Technology Centers and High Schools with them.

Objective 7.2: Develop a retention plan that maximizes faculty, industry sponsor and students services effort to retain as many qualified students as possible.

   Strategies:

- Program Chairs and faculty to communicate with industry sponsors regarding improved student performance as appropriate.
- Program Chairs and faculty to utilize available student services regarding improved student performance as appropriate.

Objective 7.3: Develop a diversity plan to have student enrollment match the demographics of the workforce needs of the industries served by the unit.

   Strategies:

- Utilize Oklahoma demographics as baseline.
- Industry sponsors to recruit students to match local workforce demographics.

Objective 7.4: Develop a plan that maximizes dealership involvement in the Gulf States Diversity Scholarship program.

   Strategies:

- Develop poster for dealers to advertise scholarship.
- Mail scholarship flyers to dealers served in the Gulf States Region.

- Mail scholarship flyers to Career Technology Center and High School automotive programs served in the Gulf States Region.

Goal Eight: Human Resources: Assure professional mastery of instructional methodology and technical competency of all faculty.

Critical Success Factors:

- All faculty with full industry certifications as appropriate
- All faculty with B.S. degrees

Objectives:

Objective 8.1: Develop training planners for all faculty that delineate the training required for industry certification in their respective areas of responsibility.

Strategies:

- Match faculty credentials with manufacturer requirements as appropriate.

Objective 8.2: Develop training planners for all faculty who need to complete their B.S. degrees that delineate the courses required for completion.

Strategies:

- Faculty to submit degree plans and semester transcripts.