UTAH SYSTEM OF HIGHER EDUCATION
Building a Stronger State of Minds℠

State Board of Regents
Board of Regents Building, The Gateway
60 South 400 West
Salt Lake City, Utah 84101-1284

Phone 801.321.7101
Fax 801.321.7199
TDD 801.321.7130
www.higheredutah.org

May 7, 2014

MEMORANDUM

TO: State Board of Regents

FROM: David L. Buhler

SUBJECT: Salt Lake Community College - Associate of Applied Science Degree in Collision, Maintenance and Light Repair

Issue

Salt Lake Community College (SLCC) requests approval to offer an Associate of Applied Science degree in Collision, Maintenance and Light Repair effective Summer Term, 2014. This new degree program is designed in a stackable credential format that requires students to meet general education requirements and earn the Certificate of Completion in Automotive Collision Repair and one of the following two credentials: 1) Certificate of Completion in Diesel Systems Technology; or 2) Certificate of Completion in Automotive Maintenance and Light Repair. These three certificates of completion are existing credentials at SLCC.

Background

Collision repair bridges the automotive and diesel industries. Salt Lake Community College reported that employers are progressively favoring applicants who have completed postsecondary training programs in collision repair and either diesel or automotive maintenance technology and that there is demand among diesel shops and auto repair shops to hire and retain well-qualified technicians who are cross-trained in these areas. The institution has consulted with three program advisory committees in the areas of Automotive Collision Repair/Paint, Automotive Technologies, and Diesel Systems Technology and has received endorsement for this program from these three industry groups.

The three occupational areas of Automotive Body and Related Repairers (SOC Code 49-3021), Automotive Service Technicians and Mechanics (SOC Code 49-3023), and Bus and Truck Mechanics and Diesel Engine Specialists (SOC Code 49-3031) are listed as having a four-star rating (on a five point scale) by the Utah Department of Workforce Services Utah Occupational Reports. These reports showed median hourly wages of $17.08, $18.04, and $20.36 and estimated annual job openings of 60, 270, and 130, respectively.

The stackable credential format as proposed for this program provides students with multiple options. Salt Lake Community College reported that often students interrupt their schooling to pursue employment prior to completing a college credential. This program will provide points of exit and re-entry for working adults who wish to earn a college credential on the path to an associate's degree. Further, while the program is

not necessarily designed for transfer, students who earn the associate of applied science degree have the option to transfer into the Technology Management Bachelor's Degree program at Utah Valley University. Up to 45 technical credits may be applied towards this bachelor's degree.

Policy Issues

The proposed program has been developed through established institutional procedures and Regent policy. Chief academic officers as well as faculty in related departments from the Utah System of Higher Education institutions have reviewed the proposal and have provided input. There are no additional policy issues relative to approval of the program.

Commissioner's Recommendation

The Commissioner recommends the Board of Regents approve the Associate of Applied Science Degree in Collision, Maintenance and Light Repair effective Summer Term, 2014.

David L. Buhler
Commissioner of Higher Education

DLB/BKC
Attachment

Program Description
Salt Lake Community College
AAS in Collision, Maintenance, and Light Repair

Section I: The Request

Salt Lake Community College requests approval to offer an Associate of Applied Science degree in Collision, Maintenance and Light Repair effective Summer Term, 2014. This program was approved by the institutional Board of Trustees on 12 February 2014.

Section II: Program Description

Complete Program Description

The proposed Associate of Applied Science (AAS) degree in Collision, Maintenance and Light Repair program is designed to provide students with a practical hands-on technical experience through the Certificate of Completion in Automotive Collision Repair, along with the Certificate of Completion in Diesel Systems Technology or the Certificate of Completion in Automotive Maintenance and Light Repair. Students will learn the skills to prepare them for entry level positions in the automotive collision repair field and the diesel or automotive repair field. Graduating students will achieve two certificates of completion in their areas of study along with an AAS Degree in Collision, Maintenance and Light Repair.

All three certificates of completion currently exist at Salt Lake Community College. This new degree proposal combines currently approved programs into a stackable credentials model to create multiple points of exit and re-entry for working students who wish to apply a set of skills in a short time frame and then resume their education at a later date.

Purpose of Degree

The collision repair industry services both the automotive and diesel industries. Both industries require trained collision repair technicians. Collision repair technicians who have maintenance and repair training provide industry a more versatile technician and flexibility in job assignments.

Institutional Readiness

This is a pathway program that allows students from existing programs to adjust their pathway after one year. Because this program utilizes existing programs at SLCC, the existing program and administrative structures currently in place will be used.

Departmental Faculty

Department Faculty Category	Department Faculty Headcount – Prior to Program Implementation	Faculty Additions to Support Program	Department Faculty Headcount at Full Program Implementation
With Doctoral Degrees (Including MFA and other terminal degrees, as specified by the institution)			

Full-time Tenured			
Full-time Non-Tenured			
Part-time Tenured			
Part-time Non-Tenured			
With Master's Degrees			
Full-time Tenured	1		1
Full-time Non-Tenured			
Part-time Tenured			
Part-time Non-Tenured			
With Bachelor's Degrees			
Full-time Tenured			
Full-time Non-Tenured	1		1
Part-time Tenured			
Part-time Non-Tenured			
Other			
Full-time Tenured	4		4
Full-time Non-Tenured	1		1
Part-time Tenured			
Part-time Non-Tenured	5		5
Total Headcount Faculty in the Department			
Full-time Tenured	5		5
Full-time Non-Tenured	2		2
Part-time Tenured			
Part-time Non-Tenured	5		5
Total Department Faculty FTE *(As reported in the most recent A-1/S-11 Institutional Cost Study for "prior to program implementation" and using the A-1/S-11 Cost Study Definition for the projected "at full program implementation.")*	9.5	X	9.5

Faculty development is currently being handled within the existing program areas of Automotive Collision Repair/Paint, Automotive and Related Technologies and Diesel Systems Technology. No additional special training is required.

The Automotive Collision Repair/Paint faculty at Salt Lake Community College have a total of 67 years of teaching talent, 21 years of industry proficiency and 35 years of Inter-Industry Conference on Auto Collision Repair experience.

The Automotive and Related Technologies faculty at Salt Lake Community College shares a collective total of 91 years of teaching expertise and a total of 166 years of industry experience.

The Diesel Systems Technology faculty at Salt Lake Community College have a total of 24 years of teaching expertise and 65 years of industry experience.

Staff
This degree requires no change in support staff. Existing support staff includes program coordinators, associate dean and administrative support.

Library and Information Resources
This degree requires no change in library and information resources. The resources currently provided through the Salt Lake Community College library system supports the existing AAS Automotive Technician Program. The SLCC Libraries provide a broad range of resources including print books and periodical subscription, access to electronic databases and reference titles (which include full text articles and indexing/abstracting services), e-books, e-journals, online video resources, and more.

Admission Requirements
There are no additional admission requirements to this program beyond those required for admission to Salt Lake Community College.

Student Advisement
The School of Technical Specialties has one dedicated academic advisor for all programs within the school. Department coordinators, faculty and staff provide advising to students as well.

Justification for Graduation Standards and Number of Credits
Credit and course requirements for this program meet the USHE and SLCC standards.

External Review and Accreditation
The School of Technical Specialties sponsors three Program Advisory Committees (PAC) in the areas of Automotive Collision Repair/Paint, Automotive Technologies, and Diesel Systems Technology. Salt Lake Community College has discussed the Collision, Maintenance and Light Repair program with these three industry committees. The diesel and automotive PACs agreed this program would benefit industry while the collision PAC endorsed how such a program is vital to industry.

Projected Program Enrollment and Graduates; Projected Departmental Faculty/Students

Data Category	Current – Prior to New Program Implementation	PROJ YR 1	PROJ YR 2	PROJ YR 3	PROJ YR 4	PROJ YR 5
Data for Proposed Program						
Number of Graduates in Proposed Program	X	0	1	3	5	7
Total # of Declared Majors in Proposed Program*	X	0	1	2	3	4
Departmental Data – For All Programs Within the Department						
Total Department Faculty FTE *(as reported in Faculty table above)*	9.5	9.5	9.5	9.5	9.5	9.5
Total Department Student FTE *(Based on Fall Third Week)*	169	169	170	172	174	175
Student FTE per Faculty FTE *(ratio*	17.8	17.8	17.9	18.1	18.3	18.4

of Total Department Faculty FTE and Total Department Student FTE above)						
Program accreditation-required ratio of Student FTE/Faculty FTE, if applicable: (Provide ratio here:_____)	**N/A**	**N/A**	**N/A**	**N/A**	**N/A**	**N/A**

*Note: Because this program links three existing certificates of completion in a stackable configuration, most anticipated graduates of this program will have previously chosen one or more of the certificates as their declared major rather than the AAS degree. Those who intend to pursue this AAS degree from the outset will be outnumbered by those who roll their existing certificates of completion into the AAS degree.

Expansion of Existing Program
This would not increase course or work load to the department.

Section III: Need

Program Need
The collision repair industry services both the automotive and diesel industries. Both industries require trained collision repair technicians. Collision repair technicians who have maintenance and repair training provide industry a more versatile technician and flexibility in job assignments.

Students who earn an AAS degree in Collision, Maintenance and Light Repair have the option to transfer into the Technology Management Bachelor Degree at Utah Valley University. UVU can accept up to 45 technical credits towards this degree.

Labor Market Demand
All three areas of Automotive Collision Repair/Paint, Automotive and Related Technologies and Diesel Systems Technology are considered four-star rated (good employment outlook and relatively high wages) careers for employment. Median hourly wages are $17.08 for Automotive Body and Related Repairers, $18.04 for Automotive Service Technicians and Mechanics, and $20.36 for Bus and Truck Mechanics and Diesel Engine Specialists with 60, 270, and 130 annual openings respectively (source: Utah Occupational Reports, Utah Department of Workforce Services). Salt Lake Community College's program advisory committees reported that employers are progressively favoring applicants who have completed postsecondary training programs in collision repair and either diesel or automotive repair and that there is demand among diesel shops and automotive repair shops to hire and retain well-qualified technicians trained in both collision and mechanical repair. It is expected that the structure of this proposed program will meet this need and will lead to many career opportunities for students.

Wages:

SLCC Program	SOC Code Title	SOC Code	Hourly Inexperienced	Hourly Median	Annual Inexperienced	Annual Median
UTAH						
Diesel Systems Technology*	Bus and Truck Mechanics and Diesel Engine	49-3031	$14.46	$20.36	$30,080	$42,340

	Specialists					
Automotive Maintenance and Light Repair	Automotive Service Technicians and Mechanics	49-3023	$11.99	$18.04	$24,950	$37,530
Automotive Collision Repair	Automotive Body and Related Repairers	49-3021	$11.92	$17.08	$24,790	$35,530
UNITED STATES						
Diesel Systems Technology	Bus and Truck Mechanics and Diesel Engine Specialists	49-3031	___*	$20.35	___	$42,320
Automotive Maintenance and Light Repair	Automotive Service Technicians and Mechanics	49-3023	___*	$17.60	___	$36,610
Automotive Collision Repair	Automotive Body and Related Repairers	49-3021	___*	$18.45	___	$38,380

Employment Projections:

SLCC Program	SOC Code Title	SOC Code	Current Employment	Projected Employment	Total Annual Openings	Annual % Change
UTAH						
Diesel Systems Technology*	Bus and Truck Mechanics and Diesel Engine Specialists	49-3031	2,940	3,590	130	2.2%
Automotive and Related Technologies	Automotive Service Technicians and Mechanics	49-3023	5,650	6,900	270	2.2%
Automotive Collision Repair/Paint	Automotive Body and Related Repairers	49-3021	1,290	1,570	60	2.1%
UNITED STATES						
Diesel Systems Technology	Bus and Truck Mechanics and Diesel Engine Specialists	49-3031	242,200	277,400	8,780	1.5%
Automotive and	Automotive	49-	723,400	848,200	31,170	1.7%

Related Technologies	Service Technicians and Mechanics	3023				
Automotive Collision Repair/Paint	Automotive Body and Related Repairers	49-3021	152,900	181,100	6,520	1.8%

Source: Utah Occupational Reports, Utah Department of Workforce Services, Available on-line at http://jobs.utah.gov/jsp/wi/utalmis/oidoreport.do.
*Note: Data do not exist for this combination of experience/ skill set in the diesel/collision repair occupation.

Student Demand
The institution reported that often students interrupt their schooling for employment and not completing an educational credential. This degree program would provide a pathway for students to combine existing one year certificates of completion with general education that enables them to receive college credentials along the path to an associate's degree. Students may complete a one-year certificate, obtain employment, and then continue toward completion of the AAS degree as their circumstances permit.

Similar Programs
There is no other program like the Collision, Maintenance and Light Repair Associate of Applied Science degree available to students in Utah. Similar programs addressing one area or another include:

- Utah State University
  - Automotive Technology AAS, CC
  - Diesel and Heavy Equipment Mechanics AAS
- Weber State University
  - Automotive Service Technology BS, AAS
  - Automotive Technology BS, AAS
  - Southern Utah University - None
- Snow College
  - Automotive Technology AAS
  - Diesel and Heavy Duty Mechanics Technology AAS
- Dixie State University
  - Automotive Mechanics AAS
- Utah Valley University
  - Automotive Technology AS/AA, AAS, Diploma, CC
  - Collision Repair Technology (Emphasis available for degree AAS, Diploma), CC
  - Diesel Mechanics Technology, AAS, Diploma, CC
- Salt Lake Community College
  - Automotive Technician AAS
  - Automotive Collision Repair and Refinishing AAS
  - Automotive Collision Repair CC
  - Automotive Refinishing CC
  - Diesel Systems Technology AAS
  - Diesel Systems Technology CC
  - Diesel Systems Technology CC

Collaboration with and Impact on Other USHE Institutions
For students who complete SLCC's technical AAS programs and want to move into a management position, Utah Valley University offers a combination of courses online and at SLCC's Taylorsville Redwood Campus leading to a bachelor's degree in Technology Management. Upper division courses in business management supplement technical training to prepare students to manage and lead technical businesses.

Benefits
The institution anticipates this program will increase completions within the Automotive, Diesel and Collision programs by providing alternative pathways of needed industry skills. In addition, it will create clear re-entry points for students wishing to continue their studies after working in industry for a period of time.

Consistency with Institutional Mission
This degree is consistent with the goals and missions of SLCC by serving the needs of community and government agencies, business, industry and other employers. The College fulfills its mission by offering associate degrees, certificate programs, career and technical education, developmental education, transfer education, and workforce training to prepare individuals for career opportunities and an enriched lifetime of learning and growing and by offering programs and student support services that provide students opportunities to acquire knowledge and critical thinking skills, develop self-confidence, experience personal growth, and value cultural enrichment.

Section IV: Program and Student Assessment

Program Assessment
The National Automotive Technicians Education Foundation (NATEF), National Institute for Automotive Service Excellence (ASE), and the Inter-Industry Conference on Auto Collision Repair (I-CAR) produce and distribute both competency standards and assessment instruments for students in these fields. Faculty administer a combination of written examinations and practical skill tests to assess student competency in the areas described below. Successful completion of these assessments results in ASE and/or I-CAR certification.

<u>Automotive Maintenance and Light Repair</u>

1. Completers will obtain automotive engine repair entry level employment skills in accordance with NATEF standards.
2. Completers will obtain automotive suspension and steering entry level employment skills in accordance with NATEF standards.
3. Completers will obtain automotive brakes entry level employment skills in accordance with NATEF standards.
4. Completers will obtain automotive electrical/electronic systems entry level employment skills in accordance with NATEF standards.

(OR)

<u>Diesel Systems Technology</u>

1. Students will obtain entry level employment skills in diesel engine service and repair.
2. Students will obtain entry level employment skills for hydraulic systems and servicing procedures.
3. Students will obtain entry lever employment skills for brake systems, testing and maintenance.

4. Students will obtain entry level employment skills for electrical and electronic areas of diesel systems.
5. Students will obtain entry level employment skills for transmissions.
6. Students will obtain entry level employment skills for heavy-duty drive trains.
7. Students will obtain entry level employment skills for truck suspension systems.
8. Students will obtain entry level employment skills for advanced engine performance.

(AND)

Automotive Collision Repair-

Students will gain entery level employment skills in non-structional collision damage repair.

1. I-CAR WKR 01 Worker Protection.
2. General shop safety and working with potentially hazardous materials found in the industry.
3. I-CAR FCR 01 Fundamentals of Collision Repair
4. I-CAR WCS 01 Welding and Cutting Steel
5. I-CAR DAM 01 Damage Analysis Program One, Vehicle ID, Estimating Systems, and Terminology.
6. I-CAR DAM 02 Damage Analysis Program Two, Frontal Impact Analysis.
7. I-CAR DAM 03 Damage Analysis Program Three, Mechanical Systems Analysis.
8. I-CAR DAM 04 Damage Analysis Program Four, Restraints, Interior Glass, Side and Rear Impact Analysis.
9. I-CAR WCS 05 Oxy-acetylene/Plasma Arc Cutting
10. I-CAR GLA 01 Movable Glass and Hardware

Students will gain entry level employment skills in structural collision damage repair.

1. I-CAR Corrosion Protection Steel.
2. I-CAR Stationary Glass 01 Stationary Glass Service
3. I-CAR MEA 01 Measuring
4. I-CAR SSS 01 Structural Straightening Steel
5. I-CAR SPS 01 Steel Unibody Front and Rear Rails, Floors and Front Structures
6. I-CAR SPS 02 Steel Unibody A-, B-, C-, D-Pillars, and Rocker Panels
7. I-CAR SPS 03 Steel Full Frame Sectioning
8. I-CAR WCS 03 Automotive Steel GMAW (MIG) Welding Qualification Test

Expected Standards of Performance

Competencies will be recorded with pre- and post-tests. Hands-on skills will be tested with practical exams. It is anticipated that students will be able to perform at an 80% or higher on both knowledge and skills exams as listed above.

Section V: Finance

Department Budget

The Collision, Maintenance and Light Repair degree pathway utilizes existing programs, courses, facilities and faculty. No changes are needed in the existing budget.

Three-Year Budget Projection							
Departmental Data	Current Departmental Budget – Prior	Departmental Budget					
		Year 1		Year 2		Year 3	
		Addition	Total	Addition	Total	Addition	Total

	to New Program Implementation	to Budget	Budget	to Budget	Budget	to Budget	Budget
Personnel Expense							
Salaries and Wages	$362,434	2%	$369,683	2%	$377,076	2%	$384,618
Benefits	$178,063	10%	$195,869	10%	$215,456	10%	$237,002
Total Personnel Expense	$540,497	$25,055	$565,552	$26,981	$592,533	$29,087	$621,620
Non-Personnel Expense							
Travel	$5,000		$5,000		$5,000		$5,000
Capital							
Library							
Current Expense	$70,593	0	$70,593	0	$70,593	0	$70,593
Total Non-Personnel Expense							
Total Expense *(Personnel + Current)*	$616,090	$25,055	$641,145	$26,981	$668,126	$29,087	$697,213
Departmental Funding							
Appropriated Fund	$616,090	$25,055	$641,145	$26,981	$668,126	$29,087	$697,213
Other:							
Special Legislative Appropriation							
Grants and Contracts							
Special Fees / Differential Tuition							
Total Revenue	$616,090	$25,055	$641,145	$26,981	$668,126	$29,087	$697,213
Difference							
Revenue-Expense	$0		$0		$0		$0

Departmental Instructional Cost / Student Credit Hour* *(as reported in institutional Cost Study for "current" and using the same Cost Study Definition for "projected")*	$243		$253		$262		$270

Funding Sources
This will not change the current budget for the department. Existing courses will continue to be taught each semester.

Reallocation
None

Impact on Existing Budgets
None

Section VI: Program Curriculum

Associate of Applied Science – Collision, Maintenance and Light Repair

Course Prefix and Number	Title	Credit Hours
Certificates of Completion		
Choose one Certificate of Completion	CC – Automotive Maintenance & Light Repair -or- CC – Diesel Systems Technology	38-40 33-35
-and- Certificate of Completion	CC – Automotive Collision Repair	32-33
	Sub-Total	**57-64***
General Education		
ENGL 1010	Intro to Writing (EN)	3
IND 1120 -or- MATH 1010	Math for Industry (QS) -or- Intermediate Algebra (QS)	(in CC)
COMM 1020 -or- Communications	Principles of Public Speaking (CM,IN) -or- Any approved (CM) course	(in CC)
LE 1220 -or- Human Relations	Human Relations: Career Development (HR) -or- Any approved (HR) course	(in CC)
Distribution Areas (choose 3 credits)	Any (BS), (FA), (HU), (ID), (PS), (SS) course	3
	Sub-Total	**6**

Course Prefix and Number	Title	Credit Hours
Elective Courses		
Select additional elective courses as needed in order to meet the 63 credit minimum for an AAS degree based on your chosen pathway, transfer needs and academic advising recommendations.		0-3
	Sub-Total	**0-3**
	Total Number of Credits	**63-69**

***NOTE:** General Education courses taken to fulfill the requirements of one Certificate of Completion need not be retaken for the second Certificate of Completion, thus reducing the total by 8-10 credits.*

Certificate of Completion – Automotive Maintenance and Light Repair

Course Prefix and Number	Title	Credit Hours
General Education		
IND 1120 -or- MATH 1010	Math for Industry (QS) -or- Intermediate Algebra (QS)	3 4
COMM 1020 -or- Communications	Public Speaking (CM,IN) -or- Any approved (CM) course	3 3
LE 1220 -or- Human Relations	Human Relations: Career Development (HR) -or- Any approved (HR) course	3 2-3
	Sub-Total	**8-10**
Required Courses		
AUTO 1010	Maintenance and Light Repair Fundamentals	6
AUTO 1150	Auto Electrical and Electronics	6
AUTO 1250	Auto Engine Repair	6
AUTO 1350	Auto Braking Systems	6
AUTO 1450	Auto Suspension and Steering	6
	Sub-Total	**30**
	Total Number of Credits	**38-40**

Certificate of Completion - Diesel Systems Technology

Course Prefix and Number	Title	Credit Hours
General Education		
IND 1120 -or- MATH 1010	Math for Industry (QS) -or- Intermediate Algebra (QS)	3 4
COMM 1020 -or- Communications	Public Speaking (CM,IN) -or- Any approved (CM) course	3 3
LE 1220 -or- Human Relations	Human Relations: Career Development (HR) -or- Any approved (HR) course	3 2-3
	Sub-Total	**8-10**
Required Courses		

Course Prefix and Number	Title	Credit Hours
DST 1010	Introduction and Orientation	1
DST 1045	Basic Diesel	4
DST 1065	Basic Engine Performance	4
DST 1145	PM Brakes	4
DST 1165	PM Electrical	4
DST 1245	Drivetrains Fluid Drives	4
DST 1265	Drivetrains Gear Drives	4
	Sub-Total	**25**
	Total Number of Credits	**33-35**

Certificate of Completion – Automotive Collision Repair

Course Prefix and Number	Title	Credit Hours
General Education		
IND 1120	Math for Industry (QS)	3
Communications	Any approved (CM) course	3
Human Relations	Any approved (HR) course	2-3
	Sub-Total	**8-9**
Required Courses		
ACR 1100	Metallurgy/Nonstructural Parts	5
ACR 1111	Nonstructural Skill/Appl Dev	7
ACR 1200	Structural Analysis/Damage Repair	5
ACR 1211	Structural Damage Repair	7
	Sub-Total	**24**
	Total Number of Credits	**32-33**

Program Schedule

SAMPLE SCHEDULE	
FALL SEMESTER	**SPRING SEMESTER**
First Year = Automotive Maintenance and Light Repair or Diesel Systems Technology Certificate of Completion	
Total	**32-40**
FALL SEMESTER	**SPRING SEMESTER**
Second Year = Automotive Collision Repair Certificate of Completion	
(Fulfill remaining General Education required for AAS degree; see Academic Advisor)	
Total	**30-31**

Note: Full sample program schedules for the existing certificates of completion that comprise this new proposed degree have been completed and are included in the institution's general catalog.

Section VII: Faculty

Professor - Neal Grover (Tenured)

- SLCC Graduating Class of 1960
- Teaching exp. SLCC 49 years

- I-CAR instructor 35 years
- Utah State University Masters in Industrial and Technical Education (M.I.E.) Degree
- Utah State University B.S. in Technical and Industry Education
- Salt Lake City Community, Associate of Applied Science in Auto Repair and Paint
- Salt Lake Trade Technical Institute, CC of Auto Body Repair and Paint
- Automotive Service Excellence (ASE) Certified
- Certificate of Masters I-CAR

Instructor - John "Hondo" Espil

- Teaching exp. SLCC 4 years
- Industry exp. 40 years
- University of Nevada, Certificate in Auto Refinishing and Repair

Automotive Assistant Professor - Brett Baird (Tenured)

- Teaching exp. SLCC 25 years
- Industry – Technical Training Director 5 years
- Technician 9 years
- Salt Lake Community College, Associate of Applied Science in Automotive Repair
- Automotive Service Excellence (ASE) Certified

Automotive Instructor – Ed White

- Teaching exp. SLCC 16 years
- Industry exp. 40 years
- Weber State University, Bachelors in Automotive Technology
- Weber State University, Associate of Applied Science
- Automotive Service Excellence (ASE) Master Technician (A1 – A8) Certified
- Light Diesel Truck (A9) Certified
- Advanced Engine Performance (L1) Certified

Automotive Instructor – Jon Longo (2nd year Tenure)

- Teaching exp. SLCC 4 years
- Industry exp. 40 years
- State University of New York at Oswego
- Clinton Community College, Associate of Applied Science in Automotive Technology
- West Valley Occupational Center, Certificate in Automotive Technology
- Automotive Service Excellence (ASE) Master Technician Certified
- Honda Training Certified

Automotive Instructor – Norman Brown (2nd year Tenure)

- Teaching exp. SLCC 10 years
- Industry exp. 35 years
- Southern Alberta Institute of Technology, Associate Applied Science in Automotive Technology
- Automotive Service Excellence (ASE) Master Technician (A1 – A8) Certified
- Honda Training Certified

Automotive Instructor – Dennis O'Reilly (2nd year Tenure)

- Teaching exp. SLCC 3 years
- Technical Help Line 5 years
- Industry exp. 30 years
- Salt Lake Community College, Associate of Applied Science Automotive Repair
- Automatic Transmission Rebuilder Association (ATRA) Certified
- Automotive Service Excellence (ASE) Certified

Key provisions of SB61 include:

1. Established a goal to triple the number of graduates from USHE institutions in engineering, computer science, and related technology.
2. Directed the Regents to establish rules providing the criteria for those fields of study that qualify as "related technology."
3. Provided supplemental funds for equipment purchases to improve the quality of instructional programs in engineering, computer science, and related technologies.
4. Established a student scholarship to encourage enrollment in programs included in the initiative.
5. Assisted USHE institutions to hire and retain qualified faculty to teach in initiative programs.
6. Increased program capacity by funding new and renovated capital facilities, and funding for new engineering and computer science programs.
7. Created a Technology Initiative Advisory Board to make recommendations to the Regents in its administration of the initiative. The advisory board is to include individuals appointed by the Governor from business and industry who have expertise in the areas of engineering, computer science, and related technologies.

Technology Initiative Advisory Committee Members

• John Sutherland (Chair)	Brigham Young University
• Susan Johnson (Co-Chair)	Futura Industries
• Richard Anderson	Hewlett Packard, Retired
• Reed Brown	Local Digital Insider
• Roland Christensen	Applied Composite Technology
• Ed Ekstrom	Quail Creek Capital
• Chuck Taylor	Metalcraft Technologies
• J. Howard VanBoerum	VanBoerum & Frank