Funding Analysis: Automotive Technology

1. What did your unit accomplish last year in relationship to the annual planning initiatives?

No unit planning initiatives were funded last year.

2. Other accomplishments not related to the annual planning initiatives?

Computerized Training Courseware

Program FY05 Priority:	90	CARF Funded	O	$6,000

CARF

Front End Alignment Rack

Program FY05 Priority:	90	CARF Funded	O	$19,754

CARF

Interrogator II Analyzer

Program FY05 Priority:	90	CARF Funded	O	$20,893

CARF

Performance Analyzer

Program FY05 Priority:	90	CARF Funded	O	$14,890

CARF

3. What are the areas that still need attention and were partially funded??

No unit planning initiatives were partially funded last year.

4. What are the areas that still need attention and were not funded?

Remodel 2 Existing Rooms into Classrooms (2) $20,000

Program FY05 Priority:	1	No Funding	O

Our current enrollment results in twenty to twenty-five students occupying classrooms with a capacity of about twelve. This results in very crowded and unhealthful conditions for our students. This initiative provides for the remodeling of two existing

Elmo Visual Presenter $3,500

Program FY05 Priority:	2	No Funding	C TF

Replace the overhead projector with an Elmo Visual Presenter. We currently have one of these units which must be shared between two classrooms. We have been using the unit alternating terms which means that each term one classroom and instructor is witho

Annual Service Information System Subscriptions (2) $5,000

Program FY05 Priority:	3	No Funding	TF

The students have access to on-line subscription information systems (automotive repair reference manuals). These systems require an annual subscription.

Color Laser Printer for Service Information System $2,400

Program FY05 Priority:	4	No Funding	TF

This initiative is to provide for the purchase of a networkable color laser printer to replace our black only laser printer. This is needed when we update to the new versions of the automotive service information systems since certain areas of the new sy

Annual Software Updates for Scan Tools (4) $5,000

Program FY05 Priority:	5	No Funding	TF

We have four OBD II compatible scan tools which were purchased last year with Perkins Grant funding. The purpose of this initiative is to provide for the purchase of annual software updates for these tools to keep them current. These are the OTC Genesis

Engine Analyzers (3) $75,000

Program FY05 Priority: 6 No Funding C

We current have six old, obsolete engine analyzers, some of which work and some of which are no longer operational. These units will not work on most late model vehicles. We have one newer computer based engine analyzer which is in need of updating. Th

Dynamometer $160,000

Program FY05 Priority: 7 No Funding C

This initiative will provide for the replacement of our chassis dynamometer in the automotive shop. Our dynamometer is more than thirty years old, has been inoperable for several years, and is a hydrokinetic type, requiring considerable maintenance. We

Annual Replacement of Hand Tools $5,000

Program FY05 Priority: 8 No Funding C

Because our students our not expert technicians and are learning the proper use of tools, our lab tools are subject to somewhat higher than normal incidence of breakage and wear. These tools must be replaced as necessary to provide continuing quality lea

Air Tools (13) $3,500

Program FY05 Priority: 9 No Funding C

Most of our lab air tools are very old and in poor condition. Modern air tools air lighter weight, faster, more powerful, and quieter than those we have. Many time students are unable to accomplish their tasks with the air tools we have. We are in urge

Optical Headlight Aimer $2,000

Program FY05 Priority: 10 No Funding C

Many vehicles built since the early 1990s are not designed so that their headlights can be aimed with mechanical aimers. Since the only aimers we have are the old mechanical type we are not able to train students to use the current technology in this are

Training Video/CD Library $6,000

Program FY05 Priority: 11 No Funding C

We have an extensive assortment of video tapes covering various areas of the automotive service industry. Most
of these, however, are quite out of date and are not relevant to late model vehicles. We need to purchase complete sets of tapes or CDs for ea

Brake Parts Washers (5) $9,000

Program FY05 Priority: 12 No Funding C

This initiative provides for the purchase of environmentally friendly water based brake washing units for the auto tech lab. These units help to control hazardous brake dust during brake service procedures. We have rented these units for our brakes clas

Tire Changer $5,500

Program FY05 Priority: 13 No Funding C

We have two tire changers in the auto tech lab. Both of these units are obsolete and worn out. They will not work on many of the wheels on late model vehicles. This initiative provides for the purchase of a modern tire changer which will handle the tir

Refrigerant Identifier $1,500

Program FY05 Priority: 14 No Funding C

We no longer have a working refrigerant identifier for our auto tech program. This is a basic piece of equipment required by our NATEF standards. Students must be trained in the proper use of this equipment. This equipment is required in all shops that

Metal Lathe $20,000

Program FY05 Priority: 15 No Funding C

We have a small and quite ancient metal lathe in the auto tech lab. This equipment is worn out and no longer capable of doing accurate work. It is also too small to handle many jobs we need to do with it. This initiative provides for the purchase of a

Professional Development $1,500

Program FY05 Priority: 16 No Funding C

Faculty need to have access to annual professional development funds to attend industry conferences.

Annual Curriculum Revision $7,400

Program FY05 Priority: 17 No Funding C

Faculty would like to have annual curriculum development funds to develop and incorporate new industry skills into the curriculum.

Mobile Computer Security Cabinets for Lab (15) $5,000

Program FY05 Priority: 18 No Funding TF

For the wireless computers.

Wireless Network Cards for Mobile Lab Computers (15) $1,200

Program FY05 Priority: 19 No Funding TF

For the wireless computers.

Gasoline Caddie $600

Program FY05 Priority: 20 No Funding C

The fuel pumps on most late model vehicles are located inside the fuel tank. Replacement of the fuel pump often
requires removal of the fuel tank. When there is considerable volume of fuel in the tank, this becomes a rather hazardous operation. It is m

Mobile Computers for Lab (12) $18,000

Program FY05 Priority: 21 No Funding TF

We currently have five mobile computers for student use in the auto tech lab. We plan to increase this to a total of twenty. We have three additional older computers we plan to recondition for this purpose. These computers will be in security type mobi

Training Modules $45,000

Program FY05 Priority: 22 No Funding C

We are desperately in need of training modules to enhance the learning environment for our automotive technology students. We are considering some computer based interactive units that should be very helpful to students in learning to understand the oper

Ultra Ruggedized Laptop Computer for Lab $10,000

Program FY05 Priority: 23 No Funding TF

We have several pieces of test equipment in the lab that utilize a computer. Some of these units are designed to be used for diagnosis of vehicles under operating conditions. This requires that the equipment be hooked up while the vehicle is driven. To

Starter Load Tester $15,000

Program FY05 Priority: 24 No Funding C

This equipment provides a means to test starters under load while off the vehicle. This would enhance our electrical class by permitting us to demonstrate the effects of load on current draw and the effects of various starter defects on performance. It

Bore Scope $5,000

Program FY05 Priority: 25 No Funding C

This initiative provides for the purchase of a state-of-the-art bore scope and video monitor system for the automotive lab. This equipment is widely used in our industry to hasten the diagnosis of problems in large automotive components. It provides vis

Bead Blast Machine $6,000

Program FY05 Priority: 26 No Funding C

We are in need of a bead blast machine for cleaning and surface conditioning of many types of automotive parts. This equipment is commonly found in many automotive service facilities especially those performing major engine repair service. Students shou

Hot Pressure Washer $6,000

Program FY05 Priority: 27 No Funding C

We are in need of a hot pressure washer for cleaning and degreasing of vehicle components and equipment used in the automotive technology lab. We currently have a cold pressure washer which is useful for many cleaning jobs but it is does not work well fo

Computers for New Classrooms (40) $60,000

Program FY05 Priority: 28 No Funding TF

For the past two years we have been converting to more high tech electronic classrooms. When we move to new classrooms in the auto tech lab area we plan to implement a fully electronic classroom concept. This will require a computer for each student in

Faculty Instructor (1) $75,000

Program FY05 Priority: 29 No Funding NF

There is more student demand than can be handled by the two current faculty members. Since the curriculum is based on six and 12 hour instructional blocks, hiring part-time faculty does not help.

Pyrolytic Parts Cleaning Oven $10,000

Program FY05 Priority: 30 No Funding C

This equipment is used to clean many types of automotive parts at high temperatures and provides an environmentally friendly method of cleaning these parts. This equipment is found in many modern automotive service facilities particularly those providing

Air Compressor $4,500

Program FY05 Priority: 31 No Funding C

The automotive technology lab is supplied with compressed air from a central system which also supplies many other buildings on campus. This provides adequate air volume; however, the pressure is too low for some types of equipment and some situations.

Vertical Mill $15,000

Program FY05 Priority: 32 No Funding C

This equipment will permit the performance of machining operations on various automotive parts. It will also permit fabrication of automotive parts, tools, fixtures, and training aids. This equipment will permit us to teach students basic parts fabricat

5. Considering your responses to questions 1 and 2 and emerging needs and demands, what are your plans for next year? This conclusion should be the foundation on which initiatives are built.

The faculty have reviewed each of the four program assessment components. This assessment review is the foundation for the program's planning initiatives:

1) Achieving the Learning Outcomes - What skills and knowledge will the students have when they complete the program and enter the workforce? The assessment will review the actual performance of the program to its planned performance criteria.

2) Achieving the Operating Outcomes - Does the program have the capacity and resources to achieve its program operating outcomes? How well is this program operating compared to college and divisional benchmarks? The assessment will review the actual performance of the program to its planned performance criteria (enrollment ratios and trends; cost ratios; student retention, completion, success, diversity and satisfaction; employer satisfaction.)

3) Maintaining the Learning Environment. The program should continuously maintain, upgrade and improve its existing human, curriculum, equipment, software, and facility resources. The status of the program's equipment inventory is reviewed. Obsolete, inoperable, unsafe or ineffective equipment is identified for replacement.

4) Enhancing the Learning Environment. The program should acquire and incorporate new human, curriculum, equipment, software, and facility resources.

Annual Program Plan - FY06

Automotive Technology

1. Initiative Title ***Division Initiative Priority:*** 1 ***Initiative ID:*** ATM02

Move and Upgrade the Program's Classrooms

2. How is the initiative linked to your Program Outcomes Analysis for last year? What program level outcomes do you expect to achieve?

Program Outcomes Analysis Finding

The program needs to maintain its existing learning environment. The program should continuously maintain its existing human, curriculum, equipment, software and facility resources. The existing equipment inventory has a defined annual life cycle cost to maintain. Staff and curriculum need to maintain currency and relevance to the changes in the discipline, technology and the workforce. The following actions and request for resources to maintain the program's existing resources represent the findings of the unit staff.

3. Describe the Initiative

How does this initiative align with the strategic directions of the college?

Transforming Students' Lives

- Foster the personal, professional, and intellectual growth of learners by providing exemplary and innovative teaching and learning experiences and student support services.
- Commit to a culture of assessment of programs, services and learning.
- Position Lane as a vital community partner by empowering a learning workforce in a changing economy.

Transforming the Learning Environment

- Create a diverse and inclusive learning college: develop institutional capacity to respond effectively and respectfully to students, staff, and community members of all cultures, languages, classes, races, genders, ethnic backgrounds, religions, sexual orientations, and abilities.
- Create, enhance, and maintain inviting and welcoming facilities that are safe, accessible, functional, well-equipped, aesthetically appealing and environmentally sound.

Transforming the College Organization

- Achieve and sustain fiscal stability.
- Build organizational capacity and systems to support student success and effective operations.
- Promote professional growth and provide increased development opportunities for staff both within and outside the College.

What will the product, innovation or change of this initiative be? Please be a specific as possible.

Remodel Costs = $20,000
Elmo Visual Projector = $3,500

What is the need or intended use? How was that need assessed? What is your evidence of need?

Move the two classrooms from building 12 to building 9. The building 9 space has been identified and a cost estimate had been made. The remodel cost will be about $20,000. Additionally, this request is to upgrade the classroom overhead projector.

Our current enrollment results in twenty to twenty-five students occupying classrooms with a capacity of about twelve. This results in very crowded and unhealthful conditions for our students. This initiative provides for the remodeling of two existing rooms adjacent to the automotive technology lab to convert them for classroom use. This would provide rooms of more adequate size for the number of students enrolled as well as enhancing their learning opportunity due to the location of these rooms close the lab area where a variety of equipment could be easily brought into the classroom. These rooms can also be utilized by industry trainers who use our facilities.

Replace the overhead projector with an Elmo Visual Presenter. We currently have one of these units which must be shared between two classrooms. We have been using the unit alternating terms which means that each term one classroom and instructor is without any equipment of this type. This is not conducive to a quality learning environment for our students.

What is the campus location of this request/project? Building 9

How many students (FTE per year) will 57.58

How will students benefit?

Students benefit by having access to an appropriately staffed, current and relevant learning environment. This initiative will remedy the overcrowding problem. It further facilitates the interactive nature of professional technical education by locating the classroom with the laboratory.This initiative provides technical enhancement to existing classes through the use of computer based teaching tools.

4. Describe the resources needed.

Unit Priority: 1 ***Division Line Item*** 1 ***Division Initiative Priority:*** 1

Remodel 2 Existing Rooms into Classrooms (2) $20,000 N OF

Unit Priority: 2 ***Division Line Item*** 14 ***Division Initiative Priority:*** 1

Elmo Visual Presenter $3,500 N CP TF

5. List the possible funding

EX = Existing Funds; NF = New General Funds; CP = Carl Perkins; TF = Tech Fees; CD = Curriculum; MK = Marketing; OF = Other Funds

Can this project be partially funded?

The funds requested represent the optimum resource request (not the maximum nor the minimum). Quantities greater than one can be reduced.

If the funding source is Carl Perkins, how does the request meet one or two of the Carl Perkins Act goals?

Student Skills Goal

This initiative will improve technical skills of students by providing opportunity for those students to learn how to operate safe and reliable equipment of a type that they will be expected to operate by their future employers

Work-based Learning Goal

Students should be trained on equipment similar to what they will work with when employed. Employers are seeking employees with knowledge and training on the equipment they have.

Effect on Profession Technical Education student success?

Students will gain industry specified skills which lead to higher paying employment.

Brief Carl Perkins funding history

The program is reliant upon Carl Perkins funding to maintain and enhance its equipment and other instructional resources. This funding has allowed the program to align its capabilities with the needs of the industry for which it trains students. The result is better qualified students, a better and broader relationship with industry and more efficient use of educational time.

6. Provide ORG and PROG codes 611300 112000

7. What plans do you have for working more effectively with your advisory committee?

The advisory committee meets with the faculty at least three times per year. The advisory committee reviews the program's existing resources (curriculum, equipment, software, personnel, facilities) and makes recommendations to improve the existing learning environment.

Initiative Subtotal = $23,500

Automotive Technology

1. Initiative Title ***Division Initiative Priority:*** 16 ***Initiative ID:*** ATM01

Replace or Upgrade the Existing Program Curriculum, Equipment, Software, or Facilities

2. How is the initiative linked to your Program Outcomes Analysis for last year? What program level outcomes do you expect to achieve?

Program Outcomes Analysis Finding

The program needs to maintain its existing learning environment. The program should continuously maintain its existing human, curriculum, equipment, software and facility resources. The existing equipment inventory has a defined annual life cycle cost to maintain. Staff and curriculum need to maintain currency and relevance to the changes in the discipline, technology and the workforce. The following actions and request for resources to maintain the program's existing resources represent the findings of the unit staff.

3. Describe the Initiative

How does this initiative align with the strategic directions of the college?

Transforming Students' Lives

- Foster the personal, professional, and intellectual growth of learners by providing exemplary and innovative teaching and learning experiences and student support services.
- Commit to a culture of assessment of programs, services and learning.
- Position Lane as a vital community partner by empowering a learning workforce in a changing economy.

Transforming the Learning Environment

- Create a diverse and inclusive learning college: develop institutional capacity to respond effectively and respectfully to students, staff, and community members of all cultures, languages, classes, races, genders, ethnic backgrounds, religions, sexual orientations, and abilities.
- Create, enhance, and maintain inviting and welcoming facilities that are safe, accessible, functional, well-equipped, aesthetically appealing and environmentally sound.

Transforming the College Organization

- Achieve and sustain fiscal stability.
- Build organizational capacity and systems to support student success and effective operations.
- Promote professional growth and provide increased development opportunities for staff both within and outside the College.

What will the product, innovation or change of this initiative be? Please be a specific as possible.

1) Annual Service Information Systems Subscriptions (2) = $5,000

The students will have access to on-line subscription information systems (automotive repair reference manuals). These systems require an annual subscription.

2) Color Laser Printer for Service Information Systems = $2,400

This initiative is to provide for the purchase of a networkable color laser printer to replace our black only laser printer. This is needed when we update to the new versions of the automotive service information systems since certain areas of the new systems such as wiring diagrams are now provided in color which makes them much easier to use.

3) Annual Software Updates for Scan Tools (4) = $5,000

We have four OBD II compatible scan tools which were purchased last year with Perkins Grant funding. The purpose of this initiative is to provide for the purchase of annual software updates for these tools to keep them current. These are the OTC Genesis, Snap-On Modis, Vetronix Master Tech, and Vetronix Tech II. This is necessary to teach students current technology.

4) Engine Analyzers (3) = $75,000

We current have six old, obsolete engine analyzers, some of which work and some of which are no longer operational. These units will not work on most late model vehicles. We have one newer computer based engine analyzer which is in need of updating. This is the only unit that will work on newer vehicles and will not work on some of the latest models either. We are desperately in need of new analyzers that are compatible with current production vehicles. Since we have twenty to twenty-five students in a class we need at least four modern

analyzers to provide a reasonable learning environment.

5) Dynamometer = $160,000
This initiative will provide for the replacement of our chassis dynamometer in the automotive shop. Our dynamometer is more than thirty years old, has been inoperable for several years, and is a hydrokinetic type, requiring considerable maintenance. We plan to replace it with a nonhydrokinetic design, which minimizes maintenance and provides unlimited service life. Because our industry demands excellent diagnostic skills, we emphasize this area in all automotive classes. Since we are not permitted to drive school vehicles, we are severely handicapped in teaching engine performance and drivability diagnosis. This makes a dynamometer a necessity to properly teach this class.

6) Annual Replacement of Hand Tools = $ 5,000
Because our students our not expert technicians and are learning the proper use of tools, our lab tools are subject to somewhat higher than normal incidence of breakage and wear. These tools must be replaced as necessary to provide continuing quality learning experience for our students. This initiative is to provide for the annual replacement of tools as needed to maintain the quality of our program.

7) Air Tools (13) = $3,500
Most of our lab air tools are very old and in poor condition. Modern air tools air lighter weight, faster, more powerful, and quieter than those we have. Many time students are unable to accomplish their tasks with the air tools we have. We are in urgent need of upgrading our air tool inventory for practical and safety reasons. This initiative is to provide for the purchase of thirteen new air tools for the auto tech lab. These include four impact wrenches, four ratchets, an air hammer, two die grinders, a reciprocal saw, two drills, and an angle grinder.

8) Optical Headlight Aimer = $2,000
Many vehicles built since the early 1990s are not designed so that their headlights can be aimed with mechanical aimers. Since the only aimers we have are the old mechanical type we are not able to train students to use the current technology in this area. Optical aiming equipment can be used to aim these late model vehicles as well as all older vehicles. This is the type of equipment that is rapidly replacing mechanical aimers in automotive service facilities. We need this equipment to keep our program current with industry standards.

9) Training Video/CD Library = $6,000
We have an extensive assortment of video tapes covering various areas of the automotive service industry. Most of these, however, are quite out of date and are not relevant to late model vehicles. We need to purchase complete sets of tapes or CDs for each of the eight ASE training areas in our Automotive Technology program. These will be used in the classroom and also be available for student use in the auto tech lab to improve learning opportunities.

10) Brake Parts Washers (5) = $9,000
This initiative provides for the purchase of environmentally friendly water based brake washing units for the auto The program should obtain resources to adequately maintain and upgrade its existing resources. The total tech lab. These units help to control hazardous brake dust during brake service procedures. We have rented equipment inventory value is $381,900. The average annual replacement and upgrade cost should average these units for our brakes classes several times in the past; however, the cost of doing this has become prohibitive. Due to the high cost of renting these units we have recently resorted to using aerosol brake cleaner. This is effective but poses potential health and environmental hazards. The installation of these washers would eliminate these concerns.

11) Tire Changer = $5,500
We have two tire changers in the auto tech lab. Both of these units are obsolete and worn out. They will not work on many of the wheels on late model vehicles. This initiative provides for the purchase of a modern tire changer which will handle the tires and wheels found on current vehicles. This will permit our students to be trained on the type of equipment used in the industry today

12) Refrigerant Identifier = $1,500
Annual Service Information System Subscriptions (2) We no longer have a working refrigerant identifier for our auto tech program. This is a basic piece of equipment required by our NATEF standards. Students must be

trained in the proper use of this equipment. This equipment is required in all shops that do air conditioning service work. This initiative provides for the purchase of a high quality refrigerant identifier for the auto tech lab.

13) Metal Lathe = $20,000
We have a small and quite ancient metal lathe in the auto tech lab. This equipment is worn out and no longer capable of doing accurate work. It is also too small to handle many jobs we need to do with it. This initiative provides for the purchase of a larger unit and the required tooling for it. This will permit performing various repair procedures as well as the fabrication of parts and tools in the auto tech lab. This equipment will permit us to teach students basic parts fabrication skills

14) Professional Development =$1,500
Faculty need to have access to annual professional development funds to attend industry conferences.

15) Annual Curriculum Revision = $7,400 (approx 200 hours)
Faculty would like to have annual curriculum development funds to develop and incorporate new industry skills into the curriculum.

What is the need or intended use? How was that need assessed? What is your evidence of need?

What is the campus location of this request/project? Building 9

How many students (FTE per year) will benefit? 57.58

How will students benefit? Students benefit by having access to an appropriately staffed, current and relevant learning environment

4. Describe the resources needed. .

Unit Priority: 3 ***Division Line Item*** 25 ***Division Initiative Priority:*** 16
$5,000 R TF

Unit Priority: 4 ***Division Line Item*** 33 ***Division Initiative Priority:*** 16

Color Laser Printer for Service Information System $2,400 N TF

Unit Priority: 5 ***Division Line Item*** 46 ***Division Initiative Priority:*** 16

Annual Software Updates for Scan Tools (4) $5,000 R TF

Unit Priority: 6 ***Division Line Item*** 51 ***Division Initiative Priority:*** 16

Engine Analyzers (3) . $75,000 N CP

Unit Priority: 7 ***Division Line Item*** 55 ***Division Initiative Priority:*** 16

Dynamometer $160,000 N CP

Unit Priority: 8 ***Division Line Item*** 56 ***Division Initiative Priority:*** 16

. $5,000 R CP

Unit Priority: 9 ***Division Line Item*** 57 ***Division Initiative Priority:*** 16

Air Tools (13) $3,500 N CP

Unit Priority:	10	***Division Line Item***	58	Optical Headlight Aimer	$2,000	***Division Initiative Priority:***	16	CP
Unit Priority:	11	***Division Line Item***	59	Training Video/CD Library	$6,000	N		CP
Unit Priority:	12	***Division Line Item***	99	Brake Parts Washers (5)	$9,000	N		CP
Unit Priority:	13	***Division Line Item***	10	Tire Changer	$5,500	***Division Initiative Priority:***	16	CP
Unit Priority:	14	***Division Line Item***	10	Refrigerant Identifier	$1,500	N		CP
Unit Priority:	16	***Division Line Item***	10	Professional Development	$1,500	***Division Initiative Priority:***	16	CP
Unit Priority:	17	***Division Line Item***	10	Annual Curriculum Revision	$7,414	R		CP

5. List the possible funding

EX = Existing Funds; NF = New General Funds; CP = Carl Perkins; TF = Tech Fees; CD = Curriculum; MK = Marketing; OF = Other Funds

Can this project be partially funded?

The funds requested represent the optimum resource request (not the maximum nor the minimum). Quantities greater than one can be reduced.

If the funding source is Carl Perkins, how does the request meet one or two of the Carl Perkins Act goals?

Student Skills Goal

This initiative will improve technical skills of students by providing opportunity for those students to learn how to operate safe and reliable equipment of a type that they will be expected to operate by their future employers

Work-based Learning Goal

Students should be trained on equipment similar to what they will work with when employed. Employers are seeking employees with knowledge and training on the equipment they have.

Effect on Profession Technical Education student success?

Students will gain industry specified skills which lead to higher paying employment.

Brief Carl Perkins funding history

The program is reliant upon Carl Perkins funding to maintain and enhance its equipment and other instructional resources. This funding has allowed the program to align its capabilities with the needs of the industry for which it trains students. The result is better qualified students, a better and broader relationship with industry and more efficient use of educational time.

6. Provide ORG and PROG codes 611300 112000

7. What plans do you have for working more effectively with your advisory committee?

The advisory committee meets with the faculty at least three times per year. The advisory committee reviews the program's existing resources (curriculum, equipment, software, personnel, facilities) and makes recommendations to improve the existing learning environment.

Initiative Subtotal = $308,800

Automotive Technology

1. Initiative Title ***Division Initiative Priority:*** 25 ***Initiative ID:*** ATE01

Acquire New Equipment, Software, Curriculum and Staff to Improve the Program

2. How is the initiative linked to your Program Outcomes Analysis for last year? What program level outcomes do you expect to achieve?

Program Outcomes Analysis Finding

The program should enhance its learning environment to appropriately respond to new opportunities and challenges. The program should acquire and incorporate new human, curriculum, equipment, software and facility resources to continuously improve its efficiency and effectiveness. The following actions and request for resources to enhance the program's resources represent the findings of the unit staff.

3. Describe the Initiative

How does this initiative align with the strategic directions of the college?

Transforming Students' Lives

- Foster the personal, professional, and intellectual growth of learners by providing exemplary and innovative teaching and learning experiences and student support services.
- Commit to a culture of assessment of programs, services and learning.
- Position Lane as a vital community partner by empowering a learning workforce in a changing economy.

Transforming the Learning Environment

- Create a diverse and inclusive learning college: develop institutional capacity to respond effectively and respectfully to students, staff, and community members of all cultures, languages, classes, races, genders, ethnic backgrounds, religions, sexual orientations, and abilities.
- Create, enhance, and maintain inviting and welcoming facilities that are safe, accessible, functional, well-equipped, aesthetically appealing and environmentally sound.

What will the product, innovation or change of this initiative be? Please be a specific as possible.

1) Mobile Wireless Shop Computers (12) = $18,000

We currently have five mobile computers for student use in the auto tech lab. We plan to increase this to a total of twenty. We have three additional older computers we plan to recondition for this purpose. These computers will be in security type mobile cabinets that can be rolled to the service bay where the students are working. We plan to have our service information systems and other training data available on these computers. This is the type of system currently being implemented in modern automotive service facilities. This initiative provides for the purchase of the additional computers needed for this project.

2) Gasoline Caddie = $600

The fuel pumps on most late model vehicles are located inside the fuel tank. Replacement of the fuel pump often requires removal of the fuel tank. When there is considerable volume of fuel in the tank, this becomes a rather hazardous operation. It is much safer to remove the fuel from the tank prior to removing the tank from the vehicle.This requires proper equipment for transferring and storing the fuel safely. A Gasoline Caddie is designed for this purpose. This initiative provides for the purchase of this equipment which will drastically reduce fire hazards in the auto tech lab when fuel pump service is performed and permit us to train students in the proper and safe methods of performing this operation.

3) Training Modules = $45,000

We are desperately in need of training modules to enhance the learning environment for our automotive technology students. We are considering some computer based interactive units that should be very helpful to students in learning to understand the operation and diagnosis of various automotive systems. This initiative provide for the purchase of this equipment.

4) Ultra Rugged Laptop Computer for Lab = $10,000

We have several pieces of test equipment in the lab that utilize a computer. Some of these units are designed to be used for diagnosis of vehicles under operating conditions. This requires that the equipment be hooked up while the vehicle is driven. To do this a laptop computer is required. A very rugged computer is needed to

withstand the shop use environment. Several manufacturers make computers for this purpose. This initiative provides for the purchase of one of these units for the auto tech lab.

5) Starter Load Tester = $15,000
This equipment provides a means to test starters under load while off the vehicle. This would enhance our electrical class by permitting us to demonstrate the effects of load on current draw and the effects of various starter defects on performance. It would permit us to have students service starters and follow up with testing for proper operation and performance. This initiative provides for the purchase of this equipment.

6) Bore Scope = $5,000
This initiative provides for the purchase of a state-of-the-art bore scope and video monitor system for the automotive lab. This equipment is widely used in our industry to hasten the diagnosis of problems in large automotive components. It provides visual access to restricted areas of engines, transmissions, differentials and other components. Because our industry demands excellent diagnostic skills, we emphasize this area in all automotive classes. This equipment will permit students to become familiar with the same type of equipment they will encounter on the job. We have been unable to adequately teach these skills due to no equipment.

7) Bead Blast Machine = $6,000
We are in need of a bead blast machine for cleaning and surface conditioning of many types of automotive parts. This equipment is commonly found in many automotive service facilities especially those performing major engine repair service. Students should be trained in the proper use of this equipment as part of the automotive technology program. This initiative provides for the purchase of a high quality bead blast machine for the automotive technology lab to enhance the learning environment for our students.

8) Hot Pressure Washer = $ 6,000
We are in need of a hot pressure washer for cleaning and degreasing of vehicle components and equipment used in the automotive technology lab. We currently have a cold pressure washer which is useful for many cleaning jobs but it is does not work well for grease removal. Our instructional assistant would be able to perform many of his cleaning tasks much more efficiently with a hot washer. This initiative provides for the purchase of this equipment.

9) Computers for New Classrooms (40) = $60,000
For the past two years we have been converting to more high tech electronic classrooms. When we move to new classrooms in the auto tech lab area we plan to implement a fully electronic classroom concept. This will require a computer for each student in our classrooms. This initiative provides for the purchase of these computers.

10) Pyrolytic Parts Cleaning Oven = $10,000
This equipment is used to clean many types of automotive parts at high temperatures and provides an environmentally friendly method of cleaning these parts. This equipment is found in many modern automotive service facilities particularly those providing major engine repair service. This initiative provides for the purchase and installation of this equipment in the automotive technology lab

11) Air Compressor =$ 4,500
The automotive technology lab is supplied with compressed air from a central system which also supplies many other buildings on campus. This provides adequate air volume; however, the pressure is too low for some types of equipment and some situations. It is inadequate for the operation of tire changers and bead breakers for example. We need an air compressor that will provide adequate pressure for these applications. This initiative provides for the purchase and installation of this equipment in the automotive technology lab.

12) Vertical Mill =$15,000
This equipment will permit the performance of machining operations on various automotive parts. It will also permit fabrication of automotive parts, tools, fixtures, and training aids. This equipment will permit us to teach students basic parts fabrication skills. This initiative provides for the purchase and installation of this equipment and the required tooling in the automotive technology lab.

What is the need or intended use? How was that need assessed? What is your evidence of need?
The program should obtain new resources to appropriately respond to new opportunities and challenges. Requests may be for new personnel, curriculum, equipment, software, and facilities.

What is the campus location of this request/project? Building 9

How many students (FTE per year) will 57.58

How will students benefit?
Students benefit by having access to an appropriately staffed, current and relevant learning environment.

4. Describe the resources needed.

Unit Priority:	18	***Division Line Item***				11	***Division Initiative Priority:***	25	
Mobile Computer Security Cabinets for Lab (15) .			$5,000	N			TF		
Unit Priority:	19	***Division Line Item***				11	***Division Initiative Priority:***	25	
Wireless Network Cards for Mobile Lab Computers (15)			$1,200	N			TF		
Unit Priority:	20	***Division Line Item***				11	***Division Initiative Priority:***	25	
Gasoline Caddie			$600	N		CP			
Unit Priority:	21	***Division Line Item***				11	***Division Initiative Priority:***	25	
Mobile Computers for Lab (12)			$18,000	N			TF		
Unit Priority:	22	***Division Line Item***				11	***Division Initiative Priority:***	25	
Training Modules			$45,000	N		CP			
Unit Priority:	23	***Division Line Item***	15	***Division Initiative Priority:***	25				
Ultra Ruggedized Laptop Computer for Lab			$10,000	N			TF		
Unit Priority:	24	***Division Line Item***	15	***Division Initiative Priority:***	25				
Starter Load Tester			$15,000	N		CP			
Unit Priority:	25	***Division Line Item***	15	***Division Initiative Priority:***	25				
Bore Scope			$5,000	N		CP			
Unit Priority:	26	***Division Line Item***	15	***Division Initiative Priority:***	25				
Bead Blast Machine			$6,000	N		CP			
Unit Priority:	27	***Division Line Item***	15	***Division Initiative Priority:***	25				
Hot Pressure Washer			$6,000	N		CP			
Unit Priority:	28	***Division Line Item***	15	***Division Initiative Priority:***	25				
Computers for New Classrooms (40)			$60,000	N			TF		
Unit Priority:	29	***Division Line Item***	15	***Division Initiative Priority:***	25				
Faculty Instructor (1)			$75,000	N		NF			MK
Unit Priority:	30	***Division Line Item***	15	***Division Initiative Priority:***	25				
Pyrolytic Parts Cleaning Oven			$10,000	N		CP			
Unit Priority:	31	***Division Line Item***	15	***Division Initiative Priority:***	25				
Air Compressor			$4,500	N		CP			
Unit Priority:	32	***Division Line Item***	16	***Division Initiative Priority:***	25				

Vertical Mill	$15,000	N	CP

5. List the possible funding

EX = Existing Funds; NF = New General Funds; CP = Carl Perkins; TF = Tech Fees; CD = Curriculum; MK = Marketing; OF = Other Funds

Can this project be partially funded?

The funds requested represent the optimum resource request (not the maximum nor the minimum). Quantities greater than one can be reduced.

If the funding source is Carl Perkins, how does the request meet one or two of the Carl Perkins Act goals?

Student Skills Goal

6. Provide ORG and PROG codes 611300 112000

7. What plans do you have for working more effectively with your advisory committee?

The advisory committee meets with the faculty at least three times per year. The members of the advisory committee provide relevant information about the educational and training skills necessary for students to gain employment. This advice is the basis for identifying the program's future directions.

Initiative Subtotal = $276,300

Automotive Technology

1. Initiative Title ***Division Initiative Priority:*** 29 ***Initiative ID:*** ATC01

Capital Asset Replacement

2. How is the initiative linked to your Program Outcomes Analysis for last year? What program level outcomes do you expect to achieve?

Program Outcomes Analysis Finding

The program needs to maintain its existing learning environment. The program should continuously maintain its existing human, curriculum, equipment, software and facility resources. The existing equipment inventory has a defined annual life cycle cost to maintain. Staff and curriculum need to maintain currency and relevance to the changes in the discipline, technology and the workforce. The following actions and request for resources to maintain the program's existing resources represent the findings of the unit staff.

3. Describe the Initiative

How does this initiative align with the strategic directions of the college?

Transforming Students' Lives

- Foster the personal, professional, and intellectual growth of learners by providing exemplary and innovative teaching and learning experiences and student support services.
- Commit to a culture of assessment of programs, services and learning.
- Position Lane as a vital community partner by empowering a learning workforce in a changing economy.

Transforming the Learning Environment

- Create a diverse and inclusive learning college: develop institutional capacity to respond effectively and respectfully to students, staff, and community members of all cultures, languages, classes, races, genders, ethnic backgrounds, religions, sexual orientations, and abilities.
- Create, enhance, and maintain inviting and welcoming facilities that are safe, accessible, functional, well-equipped, aesthetically appealing and environmentally sound.

Transforming the College Organization

- Achieve and sustain fiscal stability.
- Build organizational capacity and systems to support student success and effective operations.
- Promote professional growth and provide increased development opportunities for staff both within and outside the College.

What will the product, innovation or change of this initiative be? Please be a specific as possible.

The capital asset replacement inventory

What is the need or intended use? How was that need assessed? What is your evidence of need?

The program has an inventory of capital equipment. This equipment should be replaced based on its useful life.

What is the campus location of this request/project? Building 9

How many students (FTE per year) will 57.58

How will students benefit?

Students benefit by having access to an appropriately staffed, current and relevant learning environment.

4. Describe the resources needed.

Unit Priority: 90 ***Division Line Item*** 16 ***Division Initiative Priority:*** 29

CARF Replacement $41,658 R OF

5. List the possible funding

EX = Existing Funds; NF = New General Funds; CP = Carl Perkins; TF = Tech Fees; CD = Curriculum; MK = Marketing; OF = Other Funds

Can this project be partially funded?

The funds requested represent the optimum resource request (not the maximum nor the minimum). Quantities greater than one can be reduced.

If the funding source is Carl Perkins, how does the request meet one or two of the Carl Perkins Act goals?

Student Skills Goal
This initiative will improve technical skills of students by providing opportunity for those students to learn how to operate safe and reliable equipment of a type that they will be expected to operate by their future employers

Work-based Learning Goal
Students should be trained on equipment similar to what they will work with when employed. Employers are seeking employees with knowledge and training on the equipment they have.

Effect on Profession Technical Education student success?
Students will gain industry specified skills which lead to higher paying employment.

Brief Carl Perkins funding history
The program is reliant upon Carl Perkins funding to maintain and enhance its equipment and other instructional resources. This funding has allowed the program to align its capabilities with the needs of the industry for which it trains students. The result is better qualified students, a better and broader relationship with industry and more efficient use of educational time.

6. Provide ORG and PROG codes 611300 112000

7. What plans do you have for working more effectively with your advisory committee?

The advisory committee meets with the faculty at least three times per year. The advisory committee reviews the program's existing resources (curriculum, equipment, software, personnel, facilities) and makes recommendations to improve the existing learning environment.

Initiative Subtotal = $41,658

Automotive Technology

1. Initiative Title ***Division Initiative Priority:*** 37 ***Initiative ID:*** ATL01

Implement a Learning Outcomes Assessment System

2. How is the initiative linked to your Program Outcomes Analysis for last year? What program level outcomes do you expect to achieve?

Program Outcomes Analysis Finding

Program learning outcomes identify the skills and knowledge students will have when they complete the program and enter the workforce. The unit staff have implemented a learning outcomes assessment process to analyze the discrepancies between the planned performance indicators and the actual performance of the student program completers. The following actions and request for resources to achieve the program's learning outcomes represent the findings of the unit staff.

3. Describe the Initiative

How does this initiative align with the strategic directions of the college?

Transforming Students' Lives

- Foster the personal, professional, and intellectual growth of learners by providing exemplary and innovative teaching and learning experiences and student support services.
- Commit to a culture of assessment of programs, services and learning.
- Position Lane as a vital community partner by empowering a learning workforce in a changing economy.

What will the product, innovation or change of this initiative be? Please be a specific as possible.

Faculty will review, update and publish a set of program learning outcomes and associated performance indicators to include: employability skills, shop/laboratory safety, technical expertise, ability to pass industry certifications, use of the library and

What is the need or intended use? How was that need assessed? What is your evidence of need?

The faculty will identify, document and create assessment criteria for the program's learning outcomes. This assessment will be included in future unit plans to identify actions and resources required to assure students achieve the program's learning outcomes.

What is the campus location of this request/project? Building 9

How many students (FTE per year) will 57.58

How will students benefit?

Students will assess their progress through the program in relation to the learning outcomes. Students will also recognize these outcomes are annually validated by the advisory committees and the college.

4. Describe the resources needed.

Unit Priority: 33 ***Division Line Item*** 17 ***Division Initiative Priority:*** 37

Program Learning Outcomes Assessment System $0 N EX

5. List the possible funding

EX = Existing Funds; NF = New General Funds; CP = Carl Perkins; TF = Tech Fees; CD = Curriculum; MK = Marketing; OF = Other Funds

Can this project be partially funded?
The funds requested represent the optimum resource request (not the maximum nor the minimum). Quantities greater than one can be reduced.

If the funding source is Carl Perkins, how does the request meet one or two of the Carl Perkins Act goals?

6. Provide ORG and PROG codes 611300 112000

7. What plans do you have for working more effectively with your advisory committee?
The advisory committee meets with the faculty at least three times per year. The advisory committee's primary duty is to provide feedback on the effectiveness of the program to produce a skilled workforce. The program's learning outcome criteria and the faculty's achievement analysis are reviewed by the advisory committee. The committee makes recommendations to either adjust the criteria or to improve the program's

Initiative Subtotal = $0

Automotive Technology

1. Initiative Title ***Division Initiative Priority:*** 49 ***Initiative ID:*** ATP01

Implement a Program Operations Assessment System

2. How is the initiative linked to your Program Outcomes Analysis for last year? What program level outcomes do you expect to achieve?

Program Outcomes Analysis Finding

Program operating outcomes identify the desired operating performance indicators for program effectiveness and efficiency. The division has established a set of operating benchmarks and trend indicators for this program. These indicators include analyses for enrollments, retention, success, diversity, staffing ratios, and cost ratios. The unit staff have implemented a program operating outcomes assessment process to analyze the discrepancies between the planned program operating performance indicators and the actual operating performance. The following actions and request for resources to achieve the program's operating outcomes

3. Describe the Initiative

How does this initiative align with the strategic directions of the college?

Transforming the Learning Environment

- Create a diverse and inclusive learning college: develop institutional capacity to respond effectively and respectfully to students, staff, and community members of all cultures, languages, classes, races, genders, ethnic backgrounds, religions, sexual orientations, and abilities.
- Create, enhance, and maintain inviting and welcoming facilities that are safe, accessible, functional, well-equipped, aesthetically appealing and environmentally sound.

Transforming the College Organization

- Achieve and sustain fiscal stability.
- Build organizational capacity and systems to support student success and effective operations.
- Promote professional growth and provide increased development opportunities for staff both within and outside the College.

What will the product, innovation or change of this initiative be? Please be a specific as possible.

The faculty and division chair will review, update and publish a set of program operating outcomes and associated performance indicators (benchmarks) to include: student/faculty ratio, cost/student ratio, declared majors, student completion, student diver

What is the need or intended use? How was that need assessed? What is your evidence of need?

The faculty and division chair will identify, document and create assessment criteria for the program's operating outcomes. This assessment will be included in the unit plan to identify actions and resources required to assure the program's efficient and effective operations.

What is the campus location of this request/project? Building 9

How many students (FTE per year) will 57.58

How will students benefit?

Students benefit in a program that continuously assesses its operating efficiencies and effectiveness. These benefits include access (efficiency) and quality (retention, success, diversity, completion, satisfaction, etc.).

4. Describe the resources needed.

Unit Priority: 34 ***Division Line Item*** 18 ***Division Initiative Priority:*** 49

Program Operating Outcomes Assessment System $0 N EX

5. List the possible funding

EX = Existing Funds; NF = New General Funds; CP = Carl Perkins; TF = Tech Fees; CD = Curriculum; MK = Marketing; OF = Other Funds

Can this project be partially funded?

The funds requested represent the optimum resource request (not the maximum nor the minimum). Quantities

greater than one can be reduced.

If the funding source is Carl Perkins, how does the request meet one or two of the Carl Perkins Act goals?

6. Provide ORG and PROG codes 611300 112000

7. What plans do you have for working more effectively with your advisory committee?

The advisory committee meets with the faculty at least three times per year. The advisory committee reviews the findings of the program operations analysis and makes recommendations for improvements. Also, the members of the advisory committee may participate in the employers' satisfaction assessment.

Initiative Subtotal =	**$0**
Program Total =	**$650,258**

VP/AVP/ED Responsible	Division/Unit	Initiative Priority	Date of Initiative	Expected completion date	Initiative Title	Resource Description	$$	Recurring / Nonrecurring	Resource Type (mark with an "X")				Funding Sources (mark with an "X")						
									Payroll	Equipment	Space	Other	Existing	New Gen Fund	Carl Perkins	Stud Tech Fee	Curr Dev	Marketing	Other
PL	ATD/Automotive Technology	1	11/15/2005	12/31/2006	Move and Upgrade the Program's Classrooms	Remodel 2 Existing Rooms into Classrooms (2)	$20,000.00	N			X								X
PL	ATD/Automotive Technology	1	11/15/2005	12/31/2006	Move and Upgrade the Program's Classrooms	Elmo Visual Presenter	$3,500.00	N		X					X	X			
PL	ATD/Automotive Technology	16	11/15/2005	12/31/2006	Replace or Upgrade the Existing Program Curriculum, Equipment, Software, or Facilities	Annual Service Information System Subscriptions (2)	$5,000.00	R		X						X			
PL	ATD/Automotive Technology	16	11/15/2005	12/31/2006	Replace or Upgrade the Existing Program Curriculum, Equipment, Software, or Facilities	Color Laser Printer for Service Information System	$2,400.00	N		X						X			
PL	ATD/Automotive Technology	16	11/15/2005	12/31/2006	Replace or Upgrade the Existing Program Curriculum, Equipment, Software, or Facilities	Annual Software Updates for Scan Tools (4)	$5,000.00	R		X						X			
PL	ATD/Automotive Technology	16	11/15/2005	12/31/2006	Replace or Upgrade the Existing Program Curriculum, Equipment, Software, or Facilities	Engine Analyzers (3)	$75,000.00	N		X					X				
PL	ATD/Automotive Technology	16	11/15/2005	12/31/2006	Replace or Upgrade the Existing Program Curriculum, Equipment, Software, or Facilities	Dynamometer	$160,000.00	N		X					X				
PL	ATD/Automotive Technology	16	11/15/2005	12/31/2006	Replace or Upgrade the Existing Program Curriculum, Equipment, Software, or Facilities	Annual Replacement of Hand Tools	$5,000.00	R		X					X				
PL	ATD/Automotive Technology	16	11/15/2005	12/31/2006	Replace or Upgrade the Existing Program Curriculum, Equipment, Software, or Facilities	Air Tools (13)	$3,500.00	N		X					X				
PL	ATD/Automotive Technology	16	11/15/2005	12/31/2006	Replace or Upgrade the Existing Program Curriculum, Equipment, Software, or Facilities	Optical Headlight Aimer	$2,000.00	N		X					X				
PL	ATD/Automotive Technology	16	11/15/2005	12/31/2006	Replace or Upgrade the Existing Program Curriculum, Equipment, Software, or Facilities	Training Video/CD Library	$6,000.00	N				X			X				
PL	ATD/Automotive Technology	16	11/15/2005	12/31/2006	Replace or Upgrade the Existing Program Curriculum, Equipment, Software, or Facilities	Brake Parts Washers (5)	$9,000.00	N		X					X				
PL	ATD/Automotive Technology	16	11/15/2005	12/31/2006	Replace or Upgrade the Existing Program Curriculum, Equipment, Software, or Facilities	Tire Changer	$5,500.00	N		X					X				
PL	ATD/Automotive Technology	16	11/15/2005	12/31/2006	Replace or Upgrade the Existing Program Curriculum, Equipment, Software, or Facilities	Refrigerant Identifier	$1,500.00	N		X					X				
PL	ATD/Automotive Technology	16	11/15/2005	12/31/2006	Replace or Upgrade the Existing Program Curriculum, Equipment, Software, or Facilities	Metal Lathe	$20,000.00	N		X					X				
PL	ATD/Automotive Technology	16	11/15/2005	12/31/2006	Replace or Upgrade the Existing Program Curriculum, Equipment, Software, or Facilities	Professional Development	$1,500.00	R				X			X				
PL	ATD/Automotive Technology	16	11/15/2005	12/31/2006	Replace or Upgrade the Existing Program Curriculum, Equipment, Software, or Facilities	Annual Curriculum Revision (200 hrs)	$7,414.00	R	X						X				

Lane Community College
Unit Planning: Instruction & Student Services
ATD: Automotive Tech

VP/AVP/ED Responsible	Division/Unit	Initiative Priority	Date of Initiative	Expected completion date	Initiative Title	Resource Description	$$	Recurring / Nonrecurring	Resource Type (mark with an "X")				Funding Sources (mark with an "X")						
									Payroll	Equipment	Space	Other	Existing	New Gen Fund	Carl Perkins	Stud Tech Fee	Curr Dev	Marketing	Other
PL	ATD/Automotive Technology	25	11/15/2005	12/31/2006	Acquire New Equipment, Software, Curriculum and Staff to Improve the Program	Mobile Computer Security Cabinets for Lab (15)	$5,000.00	N		X						X			
PL	ATD/Automotive Technology	25	11/15/2005	12/31/2006	Acquire New Equipment, Software, Curriculum and Staff to Improve the Program	Wireless Network Cards for Mobile Lab Computers (15)	$1,200.00	N		X						X			
PL	ATD/Automotive Technology	25	11/15/2005	12/31/2006	Acquire New Equipment, Software, Curriculum and Staff to Improve the Program	Gasoline Caddie	$600.00	N		X					X				
PL	ATD/Automotive Technology	25	11/15/2005	12/31/2006	Acquire New Equipment, Software, Curriculum and Staff to Improve the Program	Mobile Computers for Lab (12)	$18,000.00	N		X						X			
PL	ATD/Automotive Technology	25	11/15/2005	12/31/2006	Acquire New Equipment, Software, Curriculum and Staff to Improve the Program	Training Modules	$45,000.00	N		X					X				
PL	ATD/Automotive Technology	25	11/15/2005	12/31/2006	Acquire New Equipment, Software, Curriculum and Staff to Improve the Program	Ultra Ruggedized Laptop Computer for Lab	$10,000.00	N		X						X			
PL	ATD/Automotive Technology	25	11/15/2005	12/31/2006	Acquire New Equipment, Software, Curriculum and Staff to Improve the Program	Starter Load Tester	$15,000.00	N		X					X				
PL	ATD/Automotive Technology	25	11/15/2005	12/31/2006	Acquire New Equipment, Software, Curriculum and Staff to Improve the Program	Bore Scope	$5,000.00	N		X					X				
PL	ATD/Automotive Technology	25	11/15/2005	12/31/2006	Acquire New Equipment, Software, Curriculum and Staff to Improve the Program	Bead Blast Machine	$6,000.00	N		X					X				
PL	ATD/Automotive Technology	25	11/15/2005	12/31/2006	Acquire New Equipment, Software, Curriculum and Staff to Improve the Program	Hot Pressure Washer	$6,000.00	N		X					X				
PL	ATD/Automotive Technology	25	11/15/2005	12/31/2006	Acquire New Equipment, Software, Curriculum and Staff to Improve the Program	Computers for New Classrooms (40)	$60,000.00	N		X						X			
PL	ATD/Automotive Technology	25	11/15/2005	12/31/2006	Acquire New Equipment, Software, Curriculum and Staff to Improve the Program	Faculty Instructor (1)	$75,000.00	N	X					X				X	
PL	ATD/Automotive Technology	25	11/15/2005	12/31/2006	Acquire New Equipment, Software, Curriculum and Staff to Improve the Program	Pyrolytic Parts Cleaning Oven	$10,000.00	N		X					X				
PL	ATD/Automotive Technology	25	11/15/2005	12/31/2006	Acquire New Equipment, Software, Curriculum and Staff to Improve the Program	Air Compressor	$4,500.00	N		X					X				
PL	ATD/Automotive Technology	25	11/15/2005	12/31/2006	Acquire New Equipment, Software, Curriculum and Staff to Improve the Program	Vertical Mill	$15,000.00	N		X					X				
PL	ATD/Automotive Technology	29	11/15/2005	12/31/2006	Capital Asset Replacement	CARF Replacement	$41,658.00	R		X									X
PL	ATD/Automotive Technology	37	11/15/2005	12/31/2006	Implement a Learning Outcomes Assessment System	Program Learning Outcomes Assessment System	$0.00	N				X	X						
PL	ATD/Automotive Technology	49	11/15/2005	12/31/2006	Implement a Program Operations Assessment System	Program Operating Outcomes Assessment System	$0.00	N				X	X						