



P O Box 1409 – Camdenton, MO 65020
(573) 346-9260 * Fax: (573) 346-9284
Gail White, Director
gwhite@camdentonschools.org

TO: Camdenton R-III Board of Education

FROM: Gail White, Ed.D. *Gail White*

DATE: March 1, 2013

SUBJECT: FY 2014 Enhancement Grant

Attached please find the following with regards to the MO Department of Elementary and Secondary Education Vocational-Technical Education Enhancement Grant for Fiscal Year 2014:

- Application Form
- Statement(s) of Need
- Description(s) of Improvement
- Description of Evaluation System
- Expanding Program Proposal(s)
- EG FV4 – Spreadsheet

The goal of the grant is to expand and enhance the quality of Missouri's occupational preparatory (long-term) career education programs through improved alignment with business and industry occupational training needs, and increased emphasis on training in occupations that have been determined to be in critical shortage.

The Outstanding Schools Act of 1993 established provisions for the implementation of a grant award program. Only one grant award request is allowed per district. The funds requested are for both Camdenton High School and Lake Career & Technical Center's career and technical education (CTE) courses.

Grant funds may be expended for the following:

- Instructional Equipment (reimbursed at 75% by DESE)
 - Must be directly related to the occupational career education program with a minimum unit cost of \$200. May be replaced once every three years.
- Other (reimbursed at 50% by DESE) – no minimum cost except for cabinets
 - Computer software or service contracts/maintenance agreements, network/Internet connections and installation costs.
 - Instructional furniture.

- Instructor training up to 25% of grant funds.
- Cabinets for program specific equipment.
- Curriculum Enhancement (reimbursed at 50% by DESE)
 - Curriculum, videos, DVDs, reference sets, etc. with a minimum unit cost of \$200.
- Facility Improvement (reimbursed at 50% by DESE)
 - Renovation/modification of existing facilities up to 25% of the grant award.
Expenditures are limited to materials.

High Demand Occupations are selected by the Department of Economic Development. Occupations chosen as high demand are those expected to have at least 100 job openings annually for the statewide listing and at least 15 job openings annually for a specific sub-state area. The Camden School District is in the Central Region.

The due date is March 29, 2013 and the award period is July 1, 2013 through May 15, 2014. Expenditures – or Purchase Orders – may not be made before the award notification is received by the district which often times is after July 1st.

These funds have greatly enhanced the career and technical education programs over the past 20 years for our school district and I wish to thank you for your support of the matching funds.

If you have questions about this grant, please let me know.



MISSOURI DEPARTMENT OF ELEMENTARY AND SECONDARY EDUCATION
OFFICE OF COLLEGE & CAREER READINESS – ADMINISTRATION & ACCOUNTABILITY

Application for Vocational-Technical Education Enhancement Grant Award

SCHOOL DISTRICT/COMMUNITY COLLEGE NAME Camdenton R-III Schools	COUNTY-DISTRICT CODE 015002
DISTRICT/COMMUNITY COLLEGE CONTACT Gail S. White, Director - Lake Career & Technical Center	DISTRICT/COMMUNITY COLLEGE CONTACT PHONE NUMBER (573) 346-9260 Ext. 272
DISTRICT/COMMUNITY COLLEGE CONTACT EMAIL gwhite@camdentonschools.org	FORM DUE DATE March 29, 2013

IMPORTANT DATES

GRANT APPLICATION DUE DATE: Requests for grant awards must be submitted by **EMAIL** no later than 4:00 p.m. on March 29, 2013 to enhancement@dese.mo.gov.
GRANT AWARD DATES: July 1, 2013 through May 15, 2014
DELIVERABLES: Reimbursement request (EG FV-2) for approved career education expenditures must be made by March 31, 2014.

ASSURANCES


The applicant assures that if funds are made available through the Vocational-Technical Education Enhancement Grant Award Program:

- A. Fiscal and property management control, and fund accounting procedures are in place and operational.
- B. Funds from local sources will be allocated and expended for instructional equipment for occupational career education programs as described in the grant proposal in an amount equal to or greater than twenty-five percent (25%) of the grant expenditure for this purpose.
- C. Funds from local sources will be allocated and expended for other allowable purposes than instructional equipment as delineated in the grant proposal in an amount equal to or greater than fifty percent (50%) of the grant expenditure for these purposes.
- D. Seventy-five percent (75%) of grant funds will be expended for new or existing occupational career education programs, curriculum enhancement, or instructional equipment that address high demand occupations.
- E. An advisory committee has been established and the names and affiliation of each member is available for review at the local level.
- F. The grant recipient will comply with all reporting requirements of the Department of Elementary and Secondary Education (Department relating to this grant award program).
- G. Secondary student performance standards have been or will be established within the district that lead to or qualify students for graduation, and these standards will be revised to meet or exceed the standards adopted by the State Board of Education.
- H. Prior to the close of the fiscal year of the grant award, a plan will be developed, with the assistance of the prescribed advisory committee, to ensure that graduates proceed to a college or a high wage job with work place skill development opportunities (*applies only to local education agencies that have not previously received grant funds*).
- I. Prior to the close of the fiscal year of the grant award, a report will be forwarded to the Department describing the accomplishments made toward the implementation of the plan to ensure that graduates proceed to a college or a high wage job with work place skill development opportunities and any modifications to the initial plan (*applies only to local education agencies that have previously received grant funds*).
- J. Any facility improvement made available through the expenditure of grant funds will comply with all federal, state, and local building codes, and with the accessibility requirements specified by the Americans with Disabilities Act of 1990 and Section 504 of the Rehabilitation Act of 1973.
- K. All equipment purchases will be physically located in the instructional area approved in the grant application unless explicit approval is obtained under Department regulations regarding equipment disposition.
- L. Records for this grant will be kept for a period of three (3) years and provide such information as may be necessary for the fiscal program auditing and for program evaluation; the Department will be provided any information it may need to carry out its responsibilities under the programs.
- M. All grant funds will be incurred and expended, **not encumbered**, prior to March 31, 2014.

The applicant requests that the following amount of state grant funds be made available from the Department to implement the programs and/or activities described in the attached grant proposal: \$ 167,301

By submitting this application, the applicant assures a commitment to implement the improvements described in the attached grant proposal.

The board-authorized representative understands the assurances and the responsibility for compliance placed upon the applicant. The applicant will refund directly to the Department the amount of any funds made available to the applicant that may be determined by the Department, or an Auditor representing the Department, to have been misspent or otherwise misapplied.

SIGNATURE OF SUPERINTENDENT OR AUTHORIZED REPRESENTATIVE 	DATE March 3, 2013
SUPERINTENDENT OR AUTHORIZED REPRESENTATIVE EMAIL thadfield@camdentonschools.org or gwhite@camdentonschools.org	PHONE NUMBER (573) 346-9213

The Department of Elementary and Secondary Education does not discriminate on the basis of race, color, religion, gender, national origin, age, or disability in its programs and activities. Inquiries related to Department programs and to the location of services, activities, and facilities that are accessible by persons with disabilities may be directed to the Jefferson State Office Building, Office of the General Counsel, Coordinator – Civil Rights Compliance (Title VI/Title IX/504/ADA/Age Act), 6th Floor, 205 Jefferson Street, P.O. Box 480, Jefferson City, MO 65102-0480; telephone number 573-626-4757 or TTY 800-735-2966; fax number 573-522-4883; email civilrights@dese.mo.gov.

COMPONENTS OF APPLICATION

Enhancement Grant proposals must be submitted by **EMAIL** no later than 4:00 p.m. on March 29, 2013 to enhancement@dese.mo.gov and include the following components:

1. Signature of the Application for Vocational-Technical Education Enhancement Grant Award Assurances (page 1).
2. Statement(s) of Need
3. Description of Improvements
4. Description of Evaluation System
5. Copy of New or Expanding Program Proposal(s) – if applicable
6. EG FV-4

QUESTIONS: Contact Assistant Director, Administration and Accountability at 573-526-4987 or by email at enhancement@dese.mo.gov.

APPLICATION ASSURANCES

By submitting the electronic signature on page one of the *Application for Vocational-Technical Education Enhancement Grant Award*, the LEA understands and agrees to the assurances and responsibility of the grant.

Save the Vocational-Technical Education Enhancement Grant Award document in the following format: County-District Code, App, two-digit year (Example: 115115 App 14). EMAIL the completed form by **March 29, 2013** to enhancement@dese.mo.gov.

STATEMENT(S) OF NEED

Describe the need for improving each occupational preparatory (long-term) career education program operated by the institution for which grant funds are being requested. **(Attach as a Word document)**

Save the document in the following format: County-District Code, SN, two-digit year (Example: 115115 SN 14). EMAIL the completed form by **March 29, 2013** to enhancement@dese.mo.gov.

DESCRIPTION OF IMPROVEMENTS

Describe the planned improvements to each existing and/or new occupational career education program operated by the institution that will be accomplished through the expenditure of grant funds. These descriptions must include an explanation of how the proposed improvements will satisfy the needs identified in the statement(s) of need. If facility improvements are anticipated, a detailed description of the anticipated renovation project(s) must be provided, including statements regarding the instructional impact of the project(s). The total amount of grant funds anticipated for facility improvement cannot be more than twenty-five percent (25%) of the total grant funds requested. **(Attach as a Word document)**

Save the document in the following format: County-District Code, DI, two-digit year (Example: 115115 DI 14). EMAIL the completed form by **March 29, 2013** to enhancement@dese.mo.gov.

DESCRIPTION OF EVALUATION SYSTEM

Describe the local evaluation system that will determine whether the improvements implemented through the use of grant funds had a positive influence upon the identified need(s). **(Attach as a Word document)**

Save the document in the following format: County-District Code, EV, two-digit year (Example: 115115 EVL 14). EMAIL the completed form by **March 29, 2013** to enhancement@dese.mo.gov.

BUDGET

EG FV-4 form must be completed for each occupational career education program by CIP code for which grant funds are being requested. The detailed, line-item budget of anticipated expenditures must be grouped in four major categories (equipment, software/other, curriculum, and renovations). Refer to the EG FV-4 Instructions in the Vocational-Technical Education Enhancement Grant Award Program's *Administrative Planning Guide Fiscal Year 2014* to assist in completing the form.

Save the document in the following format: County-District Code, EGFV4, two-digit year (Example: 115115 EGFV4 14). EMAIL the completed form by **March 29, 2013** to enhancement@dese.mo.gov.

EXPENDITURES

EG FV-2 form must be completed to receive reimbursement on all grant approved career education expenditures. Refer to the EG FV-2 Instructions in the Vocational-Technical Education Enhancement Grant Award Program's *Administrative Planning Guide Fiscal Year 2014* to assist in completing the form.

Save the document in the following format: County-District Code, EGFV2, two-digit year (Example: 115115 EGFV2 14). EMAIL the completed form by **March 31, 2014** to enhancement@dese.mo.gov.

A. STATEMENT(S) OF NEED

The slogan of the Camdenton R-III School District is *Everyone Learning Every Day*. The mission: To create a learning community that maximizes each individual's performance for future success – is supported by both Lake Career & Technical Center (LCTC) and Camdenton High School (CHS) and it is our belief that all persons should have the opportunity to prepare themselves for socially gainful employment and live a useful and self-satisfying life. Instructional programs strive to provide the opportunity to develop saleable skills, attitudes, and knowledge in order for the students to continue their education or acquire a job and advance in their chosen career. Career and technical education at LCTC and CHS is an integral part of the total education program. By providing students with current technology, updated curriculum, and state-of-the art equipment, students completing programs at LCTC and/or CHS will be more competitive and better equipped when entering the job market and/or continuing their education.

The quality of a world-class workforce depends on career and technical education programs that are aligned with business and industry standards. However, a deficiency is evident throughout Missouri and the Lake of the Ozarks region. Obtaining enhancement funds for instructional equipment, software, curriculum enhancement, and facility renovation is one avenue to take in helping provide employees for the high demand occupations and/or promote continuing education that currently exist throughout Missouri and the Central Region.

Recent advisory committee meetings have led to the conclusion that for students to compete in the job market, they must have at their disposal modern, up-to-date

equipment and methods utilized in industry. Each industry wants to grow, expand, and recruit qualified people from the region. Career and technical education must provide the leadership necessary to fill these employment demands.

The training programs in Agricultural Education: Ag. Food Science & Technology, Turf Management, Landscaping, and Greenhouse Management; Business Education and Marketing Education: Computer Applications and Marketing/ Entrepreneurship; Health Sciences; Occupational Family Consumer Sciences and Human Services: Culinary Arts and Career Pathways for Teaching Profession; Skilled Technical Sciences: Automotive Technology; Building Trades; Computer Technology; Law Enforcement; and Metal Fabrication; and Technology and Engineering Education: PLTW Engineering are all examples of high demand occupational training programs in need of instructional equipment, software, curriculum enhancement, and facility improvements. These programs are high demand based on the information provided in this grant.

The entire grant funds will be expended for instructional equipment, other/ software, curriculum enhancement, and facility improvement in high demand occupations. The Camdenon R-III School District is committed to meeting the necessary matching funds for the Vocational-Technical Education Enhancement Grant Award Program.

The vision is, **“Lake Career & Technical Center promotes developing skills for a lifetime”**. The very heart of concern for staying current in fields in which students are trained is the ability to have access to equipment and training aids which reflect what business and industry utilizes. The instructional equipment and “other” categories being requested is an endeavor to stay current in the many different types of occupations

students will encounter and an attempt to give them a basis with which to work and lead successful, productive lives.

Agricultural Education - Greenhouse, Turf & Landscaping: Equipment requested for the Greenhouse/Turf & Landscaping curriculum is needed in order to teach students how to use industry-like products. The “greens” industry around the Lake of the Ozarks is continuing to grow and prosper. The equipment requested would enhance the instructional process as well as provide students in the Horticulture/Agricultural program the tools that professionals utilize in the field.

Agricultural Education - Ag Food Science & Technology: During the 2008-2009 school year, an additional course for animal science and processing as well as business management was implemented. Equipment requested will meet the high demand agriculture occupations for meat/poultry/fish cutter, aqua culture, retail salespersons, and cashiers. Students will be able to apply their knowledge across many areas of agriculture business from retail sales to financial management. This year the district provided funds for a 40 x 80 metal structure (with additional storage) to support the animal side of the program. There is definite support for the Agriculture program at LCTC by both the district and the community.

Business Education – Computer Applications: With the inclusion of Camdenton High School business courses, the equipment requested would go to enhance the labs in the state-of-the-art high school that opened in the fall of 2007. With the 2007-2008 school year, all business courses were moved to Camdenton High School. Equipment requested will allow these programs to continue staying current for the numerous students that are served.

Health Sciences – Health Occupations I & II: Equipment and curriculum requested for the Health Sciences program will allow students the opportunity to use current materials and equipment that mirrors the industry. The equipment will be used during the instructional process so all students will be able to access apparatus similar to what he/she will encounter in the clinical experience.

Marketing Education: Updated software is needed in order for students to be competitive and become familiar with all aspects of the marketing field. Students will utilize the software to master Power Standards as well as be competitive at DECA conferences/competitions. In the highly competitive marketing profession it is imperative students have knowledge and training in using a variety of equipment.

Occupational Family Consumer Sciences and Human Services - Culinary Arts: This program was the first secondary program in Missouri to receive validation through ACCESS ACF (American Culinary Federation). The third review was held in the fall of 2010 and the program has maintained the certification via a yearly self-review. Equipment requested will replicate what industry is currently using and the students will be better prepared to enter the culinary field or continue his/her education.

Occupational Family Consumer Sciences and Human Services – Career Pathways for Teacher Profession: Teacher Education is a relatively new career and technical education program in the district. There are many professionals at Camdenton who graduated from this high school and have returned to be teachers in their hometown. The equipment being requested will be utilized within the curriculum to continue to inspire individuals to become educators and perhaps return to the lake area to have a fulfilling career.

Skilled Technical Sciences - Automotive Technology: The equipment requested for this program reflects the NATEF/ASE recertification conducted in the spring of 2010. The program met the strict industry standards required for certification in the areas of Brakes, Electrical/Electronic Systems, Engine Performance, and Suspension & Steering. NATEF/ASE team members and the advisory committee indicate that to maintain the standards of the automotive industry the requests for equipment listed are necessary.

Skilled Technical Sciences - Building Trades: This program at Lake Career & Technical Center addresses high demand occupational area of carpenters throughout the entire state of Missouri. The continuous need to upgrade equipment is largely based upon student interest of this program. During the 2007-2008 school year, an additional part-time instructor was added and the program was expanded. Requests made will allow students to experience using equipment the program currently does not possess or is need of replacement. During the 2010-2011 year the lab was updated and expanded to allow for more students to take part in the construction sequence of courses.

Skilled Technical Sciences – Computer Technology/Integration: Information Technology careers are abundant. Students at LCTC receive training in such areas as A+ Certification, Net+, Home Technology Integration, and computer repair. There is a cooperative spirit between the training program and the Computer Technicians at Camdenton R-III. Equipment requested would allow students the latest technology on which to train.

Skilled Technical Sciences – Law Enforcement: This is a brand new program for the 2013-2014 school year. There has been strong support from the city, county, and state law enforcement officials to provide a training program. This year – through the

after school program – there is a group of students (grades 8-11) who meet voluntarily on Tuesdays and Thursdays each week to learn about the many opportunities there are in this field. Pre-enrollment has been completed and there is strong interest in this new program. This course will also be offered as a Dual Credit option with State Fair Community College. There are plans to renovate an area to accommodate this program that will be state-of-the-art upon completion. Additional funds to complete this project are needed.

Skilled Technical Sciences - Metal Fabrication: The Metal Fabrication program includes both welding and machine tool in the training facility. In an effort to keep current with technology for instructional purposes, equipment requested will be utilized for student learning.

Technology & Engineering Education – PLTW Engineering: Project Lead The Way has been offered at Camdenon High School for a number of years. This is the first year that additional equipment and professional development has been requested. The professional development funds being requested are for the three instructors, a high school administrator, and a counselor to attend the annual required training. This training will be held in Columbia and the fee of \$100 as well as \$25 per person for meals is being requested for five participants. A district vehicle will be used so there will be no additional travel costs. There is also a very competitive after school program in Robotics that supports the interest of the students and provides another avenue for many individuals who do not become involved in other extracurricular activities.

B. DESCRIPTION(S) OF IMPROVEMENTS

Agricultural Education - Greenhouse, Turf & Landscaping: The equipment requested will enhance instruction by incorporating more industry specific tools into the learning process. Specific requests for the “green” classes offered and the Power Standards include:

- The cordless drill addresses the objective to practice basic shop skills – tool usage, safety, and construction. The drill is great for lab as well as outdoor activities and has a variety of industrial applications.
- The storage cabinet allows for proper tool and supply storage of items utilized in the program. Having an organized lab is conducive to both more instructional time as well as classroom management.

Agricultural Education - Ag Food Science & Technology: The funds requested are to acquire the equipment for the additional curriculum being offered within the agriculture program. Equipment requested will support the animal and Agri. Business aspect of the agriculture program.

- The microscopes will be utilized in various courses to identify diseases, examine cells, as well as fecal material. Power Standards include – identify different types of cells, cell organelles and functions, and various cellular functions; apply the process of selection, reproduction, breed identification, nutrition, and management of equine; and apply advanced knowledge in the process of animal selection, health, enterprise management, and proper facilities and equipment for beef, swine, and sheep.

- CEV Animal Systems Pathway will be added to the existing Animal Science curriculum. Power Standards include:
 - Students will be able to apply advanced knowledge in the process of animal selection, health, enterprise management, and proper facilities and equipment for beef, swine, and sheep.
 - Students will be able to recognize and apply nutritional and reproductive principles.
 - Students will identify different types of cells, cell organelles and functions, and various cellular functions.
 - Students will develop an understanding of genetics and heritability.
 - Students will be able to apply the process of selection, reproduction, breed identification, nutrition, and management of equine.
- The digital camera will be used for instructional purposes – in classroom, lab, and supervised agriculture experiences as well as for motivational and FFA functions.

Business Education – Computer Applications/Web Page Design: With the merging of the career center and comprehensive high school programs during the 2007-2008 school year and the move into the new high school, the equipment requested addresses many learner expectations and Power Standards identified for students to be well versed in the field of business effectively. Listed are the essential outcomes that the requested equipment will address:

- Laptops will replace the older desktop computers in the lab. Since this is a technology class – both Computer Applications and Web Page Design – it

addresses every Power Standard identified. A few standards include: create forms; use web authoring software to develop web pages; develop basic FLASH movies; Use Basic Java scripting to create objects within a web page; and Utilize Microsoft Office applications for word processing, spreadsheet development, databases, and multimedia presentations.

- The webcam and microphone will be utilized for the Power Standard “maintain a live website”. Students will communicate with clients in developing pages.

Health Sciences – Health Occupations I & II: Beginning with the 2006-2007 school year, there was such demand for the health care program that an additional half-time instructor was added. Pre-enrollment figures for 2007-2008 indicated a continued need for the program and a full-time position was created. LCTC has supported a second full-time Health Sciences instructor for several years. Equipment and multimedia requested reflects the need to serve the students in the Health Sciences field. Description of the equipment and the Power Standards addressed include:

- The “empathy” belly pregnancy and lungs C.O.P.D. (Chronic Obstructive Pulmonary Disease – restricted airways in the lungs because of smoking or environmental pollution) simulators will allow students to learn how a patient feels and to have feelings/concern for them in their situation. These two simulators give students the feel of either pregnancy or C.O.P.D.

- Power Standards for the Pregnancy Belly include: employ knowledge of caring for mothers and newborns; knowledge of the reproductive system; and basic human anatomy of the reproductive system.
- Power Standards for the Lungs include: knowledge of special procedures; utilize patient care skills; knowledge of personal care; knowledge of the respiratory system; and knowledge of basic human anatomy of the respiratory system.
- The scales will be used to measure height and weight.
 - Power Standards include knowledge of personal care and is a Certified Nurse Assistant skill.
- The DVD set *Anatomy & Physiology* will help students understand how each system works individually. Information provided covers: The cell, skin; skeletal, muscular, and nervous systems; special senses; cardiovascular, respiratory, digestive, urinary, endocrine, lymphatic & immune, and reproductive systems; reproduction in humans and metabolism.

Marketing Education: Creative electronic marketing is here to stay. More and more business people prepare presentations into the marketing process to communicate visually. The software requested – produced by Knowledge Matters – include a site license for Retailing as well as Sports Virtual Business. The Power Standard of “identify entrepreneurship opportunities” will be addressed utilizing this software.

Occupational Family Consumer Sciences and Human Services - Culinary Arts: The equipment requested (and standards addressed) for the ACF Validated program includes:

- Oven – Food Preparation: Develop skills in knife, tool, and equipment handling, and apply principles of food preparation to produce a variety of foods and Demonstrate how to read and follow a standard recipe.
- Proofer – Sanitation and Safety: Identify the basic principles of sanitation, and be able to apply them in the foodservice operations. Food Preparation: Develop skills in knife, tool, and equipment handling, and apply principles of food preparation to produce a variety of foods and Demonstrate how to read and follow a standard recipe.
- Banquet Service Equipment - Sanitation and Safety: Identify the basic principles of sanitation, and be able to apply them in the foodservice operations. Dining Room Service – Demonstrate the general rules of table settings and service.
- Pastry Benches - Sanitation and Safety: Identify the basic principles of sanitation, and be able to apply them in the foodservice operations and Demonstrate good personal hygiene and food handling practices. Human Relations Skills: Practice professionalism and a strong work ethic. Food Preparation – Demonstrate how to read and follow a standard recipe.

Occupational Family Consumer Sciences and Human Services – Career Pathways for Teacher Profession: The technology being requested addresses many Power Standards in the Introduction to Teaching, Foundations of Education, and Teacher Education courses.

Listed below are just a few:

- Teaching Profession – Internet research and reports on teaching careers.
- Becoming a Teacher – Internet research and reports on teacher education requirements at post-secondary institutions.

- Human/Child Development – Multimedia presentation over the *Hurried Child* book.
- Legal Aspects of Education – Research/report on court cases related to education.
- Governing Public Education – Research with presentation on school board responsibilities.
- Prepare and Deliver Lessons in a Classroom Setting – Research on state standards to coincide with the typed lesson plan.
- Write a Personal Philosophy of Education – Research education philosophers and prepare a personal philosophy of education.
- Pre-Employment – Complete an on-line application, resume, and thank you letter.

Skilled Technical Sciences - Automotive Technology: The expenditures for the Auto Tech program includes the annual update for Mitchell on Demand, Snap-On Meters, and netbooks to be used in the lab. These requests support the competencies taught that appear on the NATEF Task List. Examples include: General Engine Diagnosis; Removal and Reinstallation; Cylinder Head and Valve Train Diagnosis and Repair; and Engine Block Diagnosis and Repair. Suspension and Steering: Suspension Systems Diagnosis and Repair: Front and Rear Suspensions; Wheel Alignment Diagnosis, Adjustment, and Repair; and Wheel and Tire Diagnosis and Repair.

Skilled Technical Sciences - Building Trades/Carpentry: Even during these economic times, the construction industry is beginning to improve at the Lake of the Ozarks. For students to master a competency at the level expected by employers, they need access to equipment that also meets employers' expectations. The acquisition of the

requested industry-standard equipment gives students that opportunity. Equipment needed to enhance the program includes:

- The brad nailer will be used to assist in the installation of cabinets and drywall.

Objectives include: Demonstrate appropriate safety practices and construct box sill, floor joists, walls and openings and Demonstrate appropriate safety practices.

- The computer requested will be used in conjunction with the recently purchased CNC and laser engraver to access information and download from the Internet for projects.

In order to have a scope and sequence within the construction field, a one-hour and two-hour component is now being offered. The year before last the lab was upgraded to accommodate the additional course offerings and opportunities for students. The carpentry component of the construction program offers instruction in design and construction techniques, tool and machine maintenance, finishing procedures, problem solving, blueprint reading, safe operation of tools and equipment, and estimating cost and materials. The class is taught through projects and mock-ups as well as going on location of the current house project. Areas studied include building fundamentals, cabinet-making, and carpentry skills within the residential building industry. Students gain realistic, practical experience by working on a variety of actual carpentry projects. Technology, math, and communication skills, as they relate to the industry, are taught throughout the course.

Skilled Technical Sciences – Computer Technology/Integration: To keep current in the field, additional equipment to enhance the program and provide a more rounded educational opportunity for students interested in the computer field is being requested.

- The color laser printer will serve students in two classes – Computer Repair & Networking and Smart Tech/Tech Mech. This will address the Power Standards of: Classify power supply types and characteristics; Categorize standard cable types and their properties; Identify common connector types; Identify and define network cabling characteristics and performance.
- The high definition LCD display, blue-ray player, and receiver will be used exclusively in the Smart Home/Tech Mech course. Power Standards addressed are: Implement, maintain, and troubleshoot multi-room audio and video systems; Install, configure, and maintain a residential home theater system; and Install, configure, maintain, and troubleshoot a security and surveillance system.

These pieces of equipment will enhance the curriculum and experiences for the students and replace the current A/V equipment from analog to digital.

Skilled Technical Sciences – Law Enforcement: This is a brand new program beginning with the 2013-2014 school year. Attached you will find the FV-3 Program Approval document. The facilities renovations are necessary in order to have this program. Currently – there is a 90 x 91 space that is available. Plans are to have two classrooms that also includes space for a computer lab, office area, storage, restrooms, lockers, crime room, and laboratory space for hands-on activities. The area available will easily and nicely accommodate this training program. Without the renovation, the area is simply a large open shell not conducive to productive teaching and learning.

The program goal is to provide students with basic knowledge of law enforcement/police science and to prepare them for continuing education or employment in a related field.

Program Objectives that the requested equipment supports are:

- Provide students' knowledge of law enforcement/police science occupations;
- Provide students the opportunity to explore various occupations related to the field of law enforcement/police science;
- Provide students the opportunity to receive CPR certification, Basic First Aid certification, and First Responder certification;
- Provide students the opportunity to develop leadership skills through participation in SkillsUSA; and
- Prepare students for continuing education or employment in the law enforcement/police science field.

There are eleven major units of study which include:

- I. Introduction to Law Enforcement/Police Science/Criminal Justice
- II. Interpersonal Skills
- III. Legal Studies: Criminal Law, Civil Code, and Constitutional Law
- IV. Technical Studies: Criminal Investigation and Patrol Theories
- V. Report Writing
- VI. Case and Trial Preparation
- VII. Emergency Management
- VIII. Probation and Parole

- IX. Skill Development & Defensive Tactics
- X. Pre-Employment
- XI. Work Ethics

Skilled Technical Sciences - Metal Fabrication: The Metal Fabrication program incorporates both Welding and Machining competencies. The software and computers requested include:

- Plasma Cam Silhouette Art: Demonstrate the basic use of Plasma Cam.
- Career Safe: Demonstrate proper safety procedures.
- Computers: Replace existing technology in order to run Mastercam and Plasmacam software as well as be available to utilize Career Safe software, the Internet for research, and Microsoft Office products for Pre-Employment competencies.
- The whiteboard is simply to replace the old chalkboard. Modernizing the classroom for today's learners.

Technology & Engineering Education – PLTW Engineering: Project Lead The Way equipment requests include laptops for each of the three instructors. Power Standards that support the use of these laptops include:

Principles of Engineering

- Demonstrate competency in the sketching, technical writing, and formal presentations.
- Define and use mechanisms in the designing and developing of a SMET project.
- Define and use control system in the creation of a marble sorter.

- Computer center of gravity, moment of inertia, stress, strain, deflection, mean, median, mode, and standard deviation.
- Develop coursework portfolio.

Intro to Engineering Design

- Utilize Parametric modeling software to make 3D models.
- Create and dimension production drawings from 3D models using proper dimensioning and detail techniques.
- Create technical assembly drawings and assembly animation movies.
- Utilize software for model analysis for tolerancing and mass properties.
- Utilize presentation software and aids to effectively communicate assigned problems.

Civil Engineering & Architecture

- Building design and construction practices: building codes, building components, green technology, universal design, 3D architectural software, and design and construction documentation.

Digital Electronics

- Fundamental of Analog and Digital Electronics.
- Combinational Logic.
- Sequential Logic.
- Microcontrollers.

C. LOCAL EVALUATION SYSTEM

The evaluation system that will be used to determine the positive influence the grant money has had will focus on Power Standard attainment (assessments tracked through the student management system via the gradebook), Technical Skills Attainment assessments, and 180-Day Follow-Up results.

Power Standards have been identified for all career and technical education courses at Camdenon R-III. Technical Skills Assessments are currently being implemented as identified in the Perkins IV plan. The goal for all programs is to have 80% of the students demonstrate mastery at a minimum of 80% or show a 25% growth between pre- and post-assessment of the Power Standards as identified by the instructor and his/her advisory committee. The Power Standards have been correlated with the Show-Me Standards as well as Grade/Course Level Expectations and are reviewed yearly by advisory committee members. Common Core State Standards/Core Academic Standards are also being aligned and implemented in the existing curriculum.

The general quality of exiting students will be improved as demonstrated by their ability to qualify for entry-level jobs related to their training, continue their education, or enlist in the military. Pre-employment competencies have been implemented into the curriculum throughout all programs. The goal is to increase the related placement of programs that receive grant funds. This will be monitored through the use of the 180-Day Follow-Up reports.

Fiscal Year 2014
Cty Dist Code 015002
District Name Camdenon R-III School District
Bldg Code 1100

Purpose	Estimated Expenditure	Estimated Reimbursement
11 - Equip (75%)	\$175,805	\$131,854
12 - Software/Other (50%)	\$14,795	\$7,398
62 - Curriculum (50%)	\$9,330	\$4,665
79 - Renovation (50%)	\$46,770	\$23,385
<i>Estimated Grand Total</i>	\$246,700	\$167,301

DRAFT

LCTC	Dennis Perkins	Automotive Technology	12-Software/Other	Mitchell on Demand	1	\$1,200	\$1,200	\$600
LCTC	Dennis Perkins	Automotive Technology	11-Equipment	Netbook Computer w/ memory u	2	\$305	\$610	\$458
LCTC	Dennis Perkins	Automotive Technology	11-Equipment	Snap-On Meter Set	1	\$6,000	\$6,000	\$4,500
LCTC	Robert Hayes	Metal Fabrication	12-Software/Other	Plasma Cam Silhouette Art	1	\$550	\$550	\$275
LCTC	Robert Hayes	Metal Fabrication	12-Software/Other	Career Safe	15	\$35	\$525	\$263
LCTC	Robert Hayes	Metal Fabrication	11-Equipment	Computers	4	\$1,100	\$4,400	\$3,300
LCTC	Robert Hayes	Metal Fabrication	12-Software/Other	Whiteboard	1	\$460	\$460	\$230
LCTC	Larry Allman/Ryan Bearde	Building Trades	11-Equipment	Laptop w/ Docking Station	1	\$1,400	\$1,400	\$1,050
LCTC	Larry Allman/Ryan Bearde	Building Trades	11-Equipment	Brad Nailer	1	\$450	\$450	\$338
LCTC	Dale Lynn Cramer	Computer Repair - Smart Te	11-Equipment	HDTV	1	\$440	\$440	\$330
LCTC	Dale Lynn Cramer	Computer Repair - Smart Te	11-Equipment	Bluray	1	\$210	\$210	\$158
LCTC	Dale Lynn Cramer	Computer Repair - Smart Te	11-Equipment	Receiver	1	\$330	\$330	\$248
LCTC	Dale Lynn Cramer	Computer Repair - Smart Te	11-Equipment	HP 4525 DN Color Laser Printer	1	\$1,510	\$1,510	\$1,133
LCTC	New Position	Law Enforcement	12-Software/Other	Forensic Science Virtual Course M	36	\$30	\$1,080	\$540
LCTC	New Position	Law Enforcement	62-Curriculum	Forensic Science Fundamentals C	20	\$105	\$2,100	\$1,050
LCTC	New Position	Law Enforcement	12-Software/Other	Stereoscope Cabinets	2	\$1,200	\$2,400	\$1,200
LCTC	New Position	Law Enforcement	12-Software/Other	Cabinets to Store Program Specifi	3	\$500	\$1,500	\$750
LCTC	New Position	Law Enforcement	62-Curriculum	Blue Book of State Statues	1	\$200	\$200	\$100
LCTC	New Position	Law Enforcement	12-Software/Other	Whiteboard	1	\$460	\$460	\$230
LCTC	New Position	Law Enforcement	79-Renovations	Facility Renovation	1	\$46,770	\$46,770	\$23,385
LCTC	New Position	Law Enforcement	11-Equipment	Computer for Instruction	1	\$1,300	\$1,300	\$975
LCTC	New Position	Law Enforcement	11-Equipment	SmartBoard w/ Mounts	1	\$1,600	\$1,600	\$1,200
LCTC	New Position	Law Enforcement	11-Equipment	Multimedia Projector w/ Speaker	1	\$1,000	\$1,000	\$750
LCTC	New Position	Law Enforcement	11-Equipment	Digital Camera	1	\$200	\$200	\$150
LCTC	New Position	Law Enforcement	11-Equipment	Laptops for Students	18	\$1,100	\$19,800	\$14,850
LCTC	New Position	Law Enforcement	11-Equipment	HP 4525 DN Color Laser Printer	1	\$1,510	\$1,510	\$1,133
LCTC	New Position	Law Enforcement	11-Equipment	Cameras w/ Telephoto Lens	10	\$600	\$6,000	\$4,500
LCTC	New Position	Law Enforcement	11-Equipment	Microscopes	10	\$340	\$3,400	\$2,550
LCTC	New Position	Law Enforcement	11-Equipment	Handcuff - Classroom Set	1	\$300	\$300	\$225
LCTC	New Position	Law Enforcement	11-Equipment	Metal Detectors	10	\$750	\$7,500	\$5,625
LCTC	New Position	Law Enforcement	11-Equipment	Radios	10	\$300	\$3,000	\$2,250
LCTC	New Position	Law Enforcement	11-Equipment	Flashlights	10	\$225	\$2,250	\$1,688
LCTC	New Position	Law Enforcement	11-Equipment	Female Mannequin	1	\$900	\$900	\$675
LCTC	New Position	Law Enforcement	11-Equipment	Male Mannequin	1	\$900	\$900	\$675
LCTC	New Position	Law Enforcement	11-Equipment	Bullet Projectile Set	5	\$215	\$1,075	\$806

LCTC	New Position	Law Enforcement	11-Equipment	Pupil Cam	1	\$750	\$750	\$563
LCTC	New Position	Law Enforcement	11-Equipment	Tripod	1	\$250	\$250	\$188
LCTC	New Position	Law Enforcement	11-Equipment	Vision Scope	1	\$450	\$450	\$338
LCTC	New Position	Law Enforcement	11-Equipment	Stereoscope Comprehensive	10	\$450	\$4,500	\$3,375
LCTC	New Position	Law Enforcement	11-Equipment	Gun Shot Projectile Set	1	\$400	\$400	\$300
LCTC	New Position	Law Enforcement	11-Equipment	Comparison Microscope	1	\$2,225	\$2,225	\$1,669
LCTC	New Position	Law Enforcement	11-Equipment	Master Castin Set	10	\$300	\$3,000	\$2,250
LCTC	New Position	Law Enforcement	11-Equipment	Master Crime Scene Set	10	\$375	\$3,750	\$2,813
LCTC	New Position	Law Enforcement	11-Equipment	Master Crime Scene Supplement	10	\$375	\$3,750	\$2,813
LCTC	New Position	Law Enforcement	11-Equipment	Master Fingerprinting Kits	10	\$275	\$2,750	\$2,063
LCTC	New Position	Law Enforcement	11-Equipment	Red Guns - Classroom Set	1	\$600	\$600	\$450
LCTC	New Position	Law Enforcement	11-Equipment	Duty Belt Set	1	\$500	\$500	\$375
LCTC	New Position	Law Enforcement	11-Equipment	Handtools w/ Tool Box	10	\$200	\$2,000	\$1,500
LCTC	New Position	Law Enforcement	11-Equipment	Advanced Fingerprinting Sets	10	\$350	\$3,500	\$2,625
LCTC	Jerri Webb	Health Occupations I	62-Curriculum	DVD Set - Anatomy & Physiology	1	\$1,520	\$1,520	\$760
LCTC	Amy Wackerman	Health Occupations II	11-Equipment	Empathy Belly	1	\$700	\$700	\$525
LCTC	Amy Wackerman	Health Occupations II	11-Equipment	Empathy Lung	1	\$595	\$595	\$446
LCTC	Amy Wackerman	Health Occupations II	11-Equipment	Scale	1	\$300	\$300	\$225
LCTC	Jacqueline Wilson	Culinary Arts	11-Equipment	Oven	1	\$15,000	\$15,000	\$11,250
LCTC	Jacqueline Wilson	Culinary Arts	11-Equipment	Proofer	1	\$1,700	\$1,700	\$1,275
LCTC	Jacqueline Wilson	Culinary Arts	11-Equipment	Banquet Service Equipment	1	\$1,000	\$1,000	\$750
LCTC	Jacqueline Wilson	Culinary Arts	12-Software/Other	Pastry Benches	3	\$1,100	\$3,300	\$1,650
LCTC	Janene Rauba	Teacher Education	11-Equipment	Instructional Laptop w/ 10-Key Pa	1	\$1,300	\$1,300	\$975
LCTC	Janene Rauba	Teacher Education	11-Equipment	Computers	16	\$1,300	\$20,800	\$15,600
LCTC	Jeffrey Kitchen	Greenhouse Operations	12-Software/Other	Storage Cabinet for Program Mat	1	\$500	\$500	\$250
LCTC	Jeffrey Kitchen	Greenhouse Operations	11-Equipment	Cordless Drill	2	\$250	\$500	\$375
LCTC	Cassie Wilmes	Ag Food Science & Tech	62-Curriculum	CEV Animal Systems Pathway	1	\$3,610	\$3,610	\$1,805
LCTC	Cassie Wilmes	Ag Food Science & Tech	62-Curriculum	CEV Advanced Animal Systems	1	\$1,900	\$1,900	\$950
LCTC	Cassie Wilmes	Ag Food Science & Tech	11-Equipment	Microscopes	5	\$340	\$1,700	\$1,275
LCTC	Cassie Wilmes	Ag Food Science & Tech	11-Equipment	Digital Camera	1	\$200	\$200	\$150
CHS	Amanda Crocker	Marketing	12-Software/Other	Knowledge Matters - Retailing 3.0	1	\$1,400	\$1,400	\$700
CHS	Amanda Crocker	Marketing	12-Software/Other	Knowledge Matters - Virtual Busi	1	\$795	\$795	\$398
CHS	Angela Sellers	Computer Applications	11-Equipment	Laptops for Students	25	\$1,300	\$32,500	\$24,375
CHS	Angela Sellers	Computer Applications	11-Equipment	Webcam w/ Microphone	1	\$800	\$800	\$600
CHS	Mitch Comer	Principles of Engineering & I	11-Equipment	Laptop w/ Docking Station	1	\$1,400	\$1,400	\$1,050
CHS	Larry Aillman	Civil Engineering Architect	11-Equipment	Laptop w/ Docking Station	1	\$1,400	\$1,400	\$1,050
CHS	Doug Starkey	Digital Electronics	11-Equipment	Laptop w/ Docking Station	1	\$1,400	\$1,400	\$1,050
CHS	PLTW Instructors, Principa	PLTW - Engineering PD	12-Software/Other	PLTW Professional Development	5	\$125	\$625	\$313

E. NEW OR EXPANDING PROGRAMS

Law Enforcement 43.0107 is being offered starting the 2013-2014 school year.

APPLICATION FOR APPROVAL OF CAREER EDUCATION PROGRAM

LAKE CAREER & TECHNICAL CENTER
269 Dare Boulevard
P.O. Box 1409 - Camdenton, MO 65020
(573) 346-9260

LAW ENFORCEMENT/POLICE SCIENCE

1. RATIONALE

Lake Career & Technical Center (LCTC) serves high school students from four school districts. High Schools served include: Camdenton, Horizons – Alternative School, Climax Springs, Macks Creek, and School of the Osage. Adults co-mingle in all programs with the exception of the Marine Service Technology course.

At the fall 2012 advisory meetings for Student Services – which includes an array of community members (educators, business and industry, and human services) - as well as at the Administrators meeting – the Law Enforcement/CSI program was discussed and supported. There are limited offerings within the Human Services cluster at LCTC and the need and desire to increase opportunities for students is a priority.

Missouri Connections is utilized by all school districts that Lake Career & Technical Center serves. An overall summary of this survey, as well as a summary by sending school has been generated and will be supplied with the official request. It should also be noted that MO Connections currently reports nine “Interest Clusters” for Career Path exploration areas, but not specific programs or careers.

The results suggested the top area of interest was in the Industrial and Engineering Technology path. This path represents the majority of programs currently offered at the Career Center, including Automotive Technology, Building Trades, Collision Repair, Computer Repair/Networking, Marine & Power Sports, and Metal Fabrication. This is also the pathway for Law Enforcement when using the information supplied by DESE for the Vocational-Technical Enhancement Grant – though many might argue that it should be in the Human Services cluster.

Lake Career & Technical Center is in the Central region of the state. Law Enforcement is listed as high demand in the region as well as statewide. During the 2012-2013 school year through the Afterschool Program – a short-term Law Enforcement program was started. Eighteen students attend two days a week after school. This course will be held 43 days totaling 107.5 hours. Students in grades 8-11 are participating voluntarily. Two of the

Student Resource Officers along with the Chief of Police for Camdenon are the instructors. The Camdenon Police Department sponsors a Junior Police Academy each summer and there has been sufficient interest and enrollment by students to participate in this week long educational opportunity. The local police department is very supportive of offering programming to promote Law Enforcement/Police Science career information and training for students while still in school and has been instrumental in creating enthusiasm for this new opportunity. This is evidence that there is interest in an offering of this kind.

2. PROGRAM GOALS AND OBJECTIVES

Program Goal:

To provide students with basic knowledge of law enforcement/police science and to prepare them for continuing education or employment in a related field.

Program Objectives:

- Provide students knowledge of law enforcement/police science occupations;
- Provide students the opportunity to explore various occupations related to the field of law enforcement/police science;
- Provide students the opportunity to receive CPR certification, Basic First Aid certification, and First Responder certification;
- Provide students the opportunity to develop leadership skills through participation in SkillsUSA; and
- Prepare students for continuing education or employment in the law enforcement/police science field.

Course Descriptions:

Introduction to Law Enforcement: An introductory course offering students an overview of the criminal justice system, as well as the opportunity to explore a variety of careers in different law enforcement agencies, divisions, and fields, such as local police departments, the FBI, lab techs, private security agencies, and many more. Credit: 1

Crime Scene Investigation/Law Enforcement: In this course, students will study the administration of police, court and correctional agencies, and the entire process from the initial investigations or arrest by police to the eventual release of the offender and his/her re-entry into society. Hands-on lessons and activities will be integrated into this course along with the opportunity for students to earn CPR, Basic First Aid, and/or First Responder certification. This

class also includes the opportunity to pursue embedded academic credit. Credits: 2; Opportunity for Dual Credit.

3. MAJOR UNITS OF INSTRUCTION

- I. Introduction to Law Enforcement/Police Science/Criminal Justice
 - a. United States Constitution and Bill of Rights
 - b. Missouri Constitution and Bill of Rights
 - c. The Criminal Justice System
 - d. Law as a Social Rule
 - e. Civic Duty
 - f. Verbal Communication Skills

- II. Interpersonal Skills
 - a. Community-Based Policing and Crime Prevention
 - b. Ethics of Professionalism
 - c. Stress Management
 - d. Human Relation Skills

- III. Legal Studies
 - Criminal Law
 - a. State Statutes
 - b. Juvenile Law Process
 - c. Traffic Law
 - d. Racial Profiling
 - e. Missouri Firearms Law
 - f. Case Law
 - g. Warrant Application Procedure
 - h. Summons Procedure
 - Civil Code
 - i. Full Order & Ex-Parte Orders
 - j. Subpoena Procedure
 - Constitutional Law
 - k. Case Law
 - l. Rules of Evidence
 - m. 4th & 5th Amendments Rights
 - n. Miranda Warning and Rights
 - o. Terry Stop

- IV. Technical Studies
 - Criminal Investigation
 - a. The Golden Rule – Crime Scene Management
 - b. Systematic Procedures
 - c. Evidential Value of Evidence
 - d. Choosing and Applying a Proper Search Method

- e. Physical Evidence Collection
- f. Properly Processing Physical Evidence
- g. Collecting Trace Evidence
- h. Crime Scene Photography
- i. Latent Fingerprints
- j. Visible and Plastic Fingerprints
- k. Fingerprint Identification
- l. Casting
- m. DNA Evidence
- n. Measuring and Sketching a Crime Scene
- o. Death Investigation
- p. Entomology
- q. Blood Spatter
- r. Comparison and Stereo Microscope
- s. Ballistics
- t. Projectile Trajectory
- u. Collection and Preservation of Evidence

Patrol Theories

- v. Interview and Interrogation Skills
- w. Crisis Intervention Skills
- x. Child Abuse and Neglect
- y. Domestic Violence
- z. Victimization
- aa. Drug Identification, Interdiction and Investigation
- bb. Radio Skills
- cc. Patrol Procedures
- dd. Domestic Terrorism
- ee. Accident Investigation Skills
- ff. Vehicle Stops and Approach Procedures
- gg. DWI Enforcement Procedures

- V. Report Writing
 - a. Report Writing Procedure
 - b. Computer Skills – Word Processing

- VI. Case and Trial Preparation
 - a. Courtroom Demeanor
 - b. Mock/Moot Trial

- VII. Emergency Management
 - a. Emergency Responses
 - b. Emergency Vehicle Operations
 - c. Hazardous Materials
 - d. Disaster Response

- VIII. Probation and Parole
 - a. Probation
 - b. Parole
 - c. Jail Management

- IX. Skill Development & Defensive Tactics
 - a. Physical Education
 - b. Frisking Techniques
 - c. Handcuffing Procedures
 - d. Self-Defense
 - e. Weapon Control
 - f. Firearm Safety
 - g. Use of Force

- X. Pre-Employment
 - a. Application
 - b. Resume
 - c. Interview
 - d. Letters of Application and Thank you

- XI. Work Ethics
 - a. Scoring Guide (Attendance, Time Management, Ethical Behavior, Personal Responsibility, and Interpersonal Skills)
 - b. Student Organization Participation – SkillsUSA

4. CONTACT HOURS

Law Enforcement/CSI will initially be a one-year program, consisting of 522 contact hours. Students in 9th and 10th grade (and 11th by permission) will be eligible to enroll in the one-hour course and 10th – 12th grade students may enroll in the two-hour class OR students may enroll concurrently. Sending school students may enroll in both courses at the 11th or 12th grade. Adults will be allowed to enroll in the program. Dual Credit – through State Fair Community College will be an option.

5. METHODS OF INSTRUCTION

Instruction will consist of both classroom and laboratory time. Content area will determine form of instruction, which may consist of lecture, cooperative learning, problem based learning or project based hands-on learning.

6. CAREER AND TECHNICAL STUDENT ORGANIZATION

Students enrolled in Law Enforcement will be encouraged to become active members of SkillsUSA. Members will have the opportunity to compete in local, district, state and

national competitions. The leadership competencies addressed as part of the program's curriculum, will be taken from the Missouri SkillsUSA Curriculum Guide.

7. POSTSECONDARY PARTNERS

Students at Lake Career & Technical Center will have the opportunity to take this course for dual credit with State Fair Community College (CJ 102 Introduction to Criminal Justice) if desired.

8. TRANSITION INTO WORKPLACE OR CONTINUED EDUCATION

Students will be given the opportunity to job shadow in the industry and partners will be developed for these activities. Faculty at LCTC works with students to assist them in meeting their goals – whether that is entering the workforce, military, or continuing education. Pre-Employment competencies and Work Ethics are incorporated into each career and technical education program to assist students with life after high school.

9. ASSESSMENT

Student performance will be evaluated utilizing objective testing, observation, demonstrations, and projects. Power Standards identified must be mastered at 80% or students must show a 25% gain between the first assessment and reassessment. Additional learning opportunities are provided for students to master the standards identified. Students obtaining a 60% or better will receive a passing grade. To receive a Career and Technical Passport from LCTC, the student must have at least an A- grade for the semester and 3rd quarter; average 95.1% attendance during the current year; master 100% of the Power Standards; be a member of SkillsUSA; and recommended by the instructor.

The Law Enforcement Power Standards will be developed utilizing competences developed and available. An Advisory Committee will be formed and asked for input for Power Standard and curriculum modifications. Power Standard attainment will be monitored using the Power Standard list and recorded in the student instructional management system, SIS K-12. Retrieval and tracking of the standards are completed through the Pulse reporting system,

10. PROGRAM EVALUATION

Each Career Center program is evaluated annually to assess student progress and program effectiveness. The evaluation for this program will consist of input from student data, (enrollment, placement, and competency attainment), labor market information, faculty and staff evaluations, program "self-evaluations", student surveys, and input from Advisory Committees.

Data from the evaluation sources is compiled annually and provided to the Director no later than May 1. Information obtained is compiled for the annual program evaluation report.

Programs needing improvement will develop a Program Improvement Plan and submit it to the Director no later than June 1, with implementation to begin the following year.

11. TITLE IV

Although the Law Enforcement program will initially be for secondary students only, we will work towards approval when allowed by our accrediting agency which is NCA/CASI. Currently NCA is not approving any new post-secondary programs in the state of Missouri. LCTC staff members are exploring alternate accrediting agencies due to the recent notification that NCA/CASI will no longer accredit for Title IV/Financial Aid purposes. The program will be 36 weeks in length, for a total of 522 clock hours.

DRAFT