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AGENDA ACADEMIC AND STUDENT AFFAIRS COMMITTEE December 10, 2014 • 1:45 pm

Room 1-136 A&B, W.C.C. Claiborne Building, Baton Rouge, LA

- I. Call to Order
- II. Roll Call
- III. Proposed Program Terminations

BS/Middle School Ed GR 4-8 & BS/Early Childhood Ed GR PK-3 - Nicholls

- IV. Centers of Excellence
 - A. Proposed New Centers of Excellence
 - 1. Industrial & Process Technology CWE (Sowela TCC)
 - 2. Feist-Weiller Cancer Center (CRE, LSUHSC-S)
 - B. Continued Designation of Existing Center of Excellence
 - 1. CWE in Transportation Technology (BRCC)
- V. Consent Agenda
 - A. Reauthorization of Existing Research Centers/Institutes
 - 1. National Center for Advanced Manufacturing (LSU)
 - 2. Center for Rotating Machinery (LSU)
 - 3. Center for Internal Auditing (LSU)
 - 4. George W. and Jean H. Pugh Institute for Justice (LSU Law Center)
 - B. Routine Staff Reports
 - 1. Staff Approval of Routine Academic Requests
 - 2. Progress Reports for Conditionally Approved Programs/Units
 - 3. Past Due Reports
 - 4. Letters of Intent/Proposals in the Queue
- VI. Other Business
- VII. Adjournment

<u>Committee Members</u>: Mark Abraham, Chair; Charlotte Bollinger, Vice Chair; Joel Dupré, Pamela Egan, Robert Levy, Albert Sam, Joe Wiley; System Representatives - LCTCS, LSU, SU, UL.

AGENDA ITEM III PROPOSED TERMINATIONS

NICHOLLS STATE UNIVERSITY

BACHELOR OF SCIENCE IN MIDDLE SCHOOL EDUCATION (GR 4-8) & BACHELOR OF SCIENCE IN EARLY CHILDHOOD EDUCATION (GR PK-3)

BACKGROUND INFORMATION

Nicholls State University requests approval to terminate the Bachelor of Science (BS) in Middle School Education (GR 4-8) and the BS in Early Childhood Education (GR PK-3). The requested terminations were approved by the Board of Supervisors of the University of Louisiana System at the October 2014 meeting.

STAFF SUMMARY

The recommendation to discontinue the BS in Middle School Education (GR 4-8) and the BS in Early Childhood Education (GR PK-3) was initiated by Nicholls' College of Education with input from regional superintendents. The decision to seek termination of the two degree programs is based on the overlapping of multiple programs. All grade levels will still be covered by the existing BS in Early Intervention (Birth to Kindergarten), BS in Elementary Education (GR 1-5), and BS in Secondary Education & Teaching (GR 6-12).

Termination of the two degree programs will not impact faculty. Candidates who opt to remain in Middle School GR 4-8 and Early Elementary PreK-3 will be provided the opportunity to finish courses and student teaching without incurring additional costs; a teach-out plan has been developed. Students would no longer be admitted to the programs as of summer 2014.

STAFF ANALYSIS

Nicholls is choosing to focus on teacher education programs which have no overlap. As a result, there is no need for the institution to offer a BS in Middle School Education (GR 4-8) or a BS in Early Childhood Education (GR PK-3) when other existing programs prepare teachers for those grade levels. A plan is in place to teach out those students that are currently pursuing the programs and the terminations will have no negative impact on other academic programs or faculty.

STAFF RECOMMENDATION

The staff recommends that the Academic and Student Affairs Committee recommend approval of the <u>termination of the Bachelor of Science in Middle School Education: GR 4-8 (CIP Code 131203) and the Bachelor of Science in Early Childhood Education: GR PK-3 (CIP Code 131210)</u> currently offered by Nicholls State University.

BOR AGENDA ITEM IV A 1 PROPOSED NEW CENTER for WORKFORCE EXCELLENCE SOWELA TECHNICAL COMMUNITY COLLEGE INDUSTRIAL & PROCESS TECHNOLOGY CENTER for WORKFORCE EXCELLENCE

BACKGROUND INFORMATION

Sowela Technical Community College (Sowela) requests Board of Regents approval of an Industrial & Process Technology Center for Workforce Excellence. A Center for Workforce Excellence (CWE) partners with business and industry to provide top quality education and training programs to meet defined workforce training needs. The CWE proposal was approved by the LCTCS Board of Supervisors at its November 2014 meeting and submitted to BoR staff.

STAFF SUMMARY

Description

Sowela partners with community and regional leaders to provide practical, technical education to support of the regional petrochemical industry in the three interrelated components of the proposed CWE – industrial instrumentation, process technology, and industrial electrician – for which, based on the number of completers each year, it is the primary provider in the state. Process Technology offers hands-on training in monitoring, operating and maintaining processing equipment, with emphasis on petrochemical and refinery processing and plant operations. Industrial Instrumentation prepares graduates to install, maintain and repair measuring and control instruments and to troubleshoot advanced control loops and control logic. Industrial Electricians learn to install, troubleshoot and repair wiring and electrical devices and instrumentation. In all three programs Sowela leads the state in productivity, with 50% more process technology majors (at 632 in Fall/2013) than SCLTC, its nearest partner, and three to five times more completers in the other two components of the proposed CWE.

Phase II of the proposed CWE will focus on the development of an AAS/Lab Analyst degree program and a Non-Destructive Testing (NDT) noncredit workforce training program, maintaining close coordination with local business and industry to ensure that the programs align with their needs. Lab analysts are chemical technicians responsible for multiple testing methods to ensure product quality and safety; the NDT program will relate to inspection and reliability testing of materials and construction. Both will address local industry needs as they arise, with implementation targeted for Fall 2015.

Need and Benefits

With an estimated \$66 Billion industrial expansion in the Southwest Louisiana region planned over the next several years, there is an urgent need for trained workers. The occupational forecast for the Southwest Regional Labor Market projects a 41% increase in demand for petroleum pump system operators, refinery operators, and gaugers over the next 10 years, for which Sowela offers 11 programs leading to industry-based certification, diplomas, or AAS degrees. The \$21 Billion Sasol project, alone, puts Sowela in a key position to train workers in instrumentation, industrial electricity and process technology to meet the demand. Those trained in the proposed Industrial and Process Technology CWE will be immediately employable in well-paying jobs. Industry letters of support for the CWE proposal all mention satisfaction with the quality of graduates, considering their support an investment in a continued source of productive employees.

In collaboration with state and regional partners, Sowela developed the PTEC Fast Track program: an innovative training opportunity for motivated individuals, specifically targeting those with an associate's degree or higher to attain the AAS in Process Tech. The approach is not a shortened version of the well-established two-year program, but rather the same courses offered in a compressed format: meeting Monday through Friday and stacked as three or four classes per day to cover the 40 credit hours of Process Technology courses in 16 weeks.

 In 2013, Sowela was ranked 18th in the nation by the journal, Community College Week, for the number of engineering technology associate degree graduates, its fourth year in the top 25. The College easily has the most productive programs in Louisiana, with 84 AAS/Industrial Instrumentation Technology and 88 AAS/Process Technology graduates reported in 2013-14.

External Support and Collaboration

Process Technology coursework and hands-on training is conducted in the Process Technology Center, which was funded by a \$2M donation from Phillips66 in 2010-11 and completed in 2012. The center includes regular, computer, and simulator classroom/labs with an open study area, plant simulation and cut-away equipment. Hands-on training equipment provides real-world experiences to process technology and industrial instrumentation students in advanced process control, troubleshooting, and console versus outside operational responsibilities and tasks.

In 2015, Sowela anticipates opening the 75K sq. ft. Regional Training Center (RTC) to deliver high-qualify credit and non-credit educational programming to support the growing petrochemical services industry. The RTC has been a collaborative initiative from its inception with \$2.05M donations of land and cash by the Calcasieu Parish Police Jury, the City of Lake Charles, the Chennault International Airport Authority, and the HC Drew Estate, plus a \$20M Community Development Block Grant. The RTC, designed in collaboration with Sasol North America, will include equipment, classrooms, and labs to support the proposed CWE programs and increase the College's capacity to provide training needed for the region's massive industrial expansion.

The proposed CWE's programs are a regional resource. Outside of industrial investments, in 2013-14 and 2014-15 Sowela has received or anticipates \$400K in Rapid Response grants, \$151K in Carl Perkins grants, \$274 in WISE grant, and \$977K in a Trade Adjustment Assistance Community College and Career Training (TAACCCT) grant. Examples of non-fiscal collaboration and support are as important:

- Sowela and McNeese have an established relationship as partners in education. McNeese
 recently terminated its engineering/process technology, referring potential students interested in
 plant processing to Sowela for training.
- Industrial internships provide opportunities for students to work in a real-life settings as plant operators. Industrial internships are requested by partners that include Axiall, BioLab, Cheniere, Entergy, Sasol, and Westlake Chemical.
- Advisory committees meet semiannually to ensure program relevance and currency of each of the three programs with industry needs. Seven individuals from the programmatic committees have agreed to serve on the CWE advisor committee to continue development of innovative curricula.

STAFF ANALYSIS

Sowela is asking to establish a Center for Workforce Excellence based on the strength and quality of its Industrial and Process Technology program, its level of growth and productivity, and its position as a regional center of education and training in process technology. Given the clear industry need, support and financial commitment, experienced advisory board, facilities, and workforce relevance, staff believe that Sowela qualifies for an opportunity to establish the center to recognize and promote its success.

STAFF RECOMMENDATION

The staff recommends that the Board of Regents grant conditional approval of the proposed Industrial & Process Technology Center for Workforce Excellence at Sowela Technical Community College, with a report and proposal for continued designation as a Center for Workforce Excellence due by 5 January 2016.

Bor AGENDA ITEM IV A 2 CENTER of RESEARCH EXCELLENCE

LSU HEALTH SCIENCES CENTER in SHREVEPORT FEIST-WEILLER CANCER CENTER of EXCELLENCE

BACKGROUND INFORMATION

The Center of Excellence for Cancer Research, Treatment, and Education at the LSU Health Sciences Center in Shreveport (LSUHSC-S) was established by the Board of Regents on 26 September 1991. The Center was renamed in 1997 as the <u>Feist-Weiller Cancer Center</u> (FWCC), but the research, treatment and education mission remained. LSUHSC-S requests continued designation as a Center of Excellence, per AA Policy 2.05A. The proposal was approved by the LSU Board of Supervisors at its October meeting.

STAFF SUMMARY

Description

Since its inception, the FWCC's mission has been to: (1) stimulate multidisciplinary cancer research; (2) provide access to new treatment methods, including access to cancer clinical trials; and (3) educate Louisiana residents and health care providers in the prevention, treatment and science of cancer. Over the last two decades, the Center has developed a strong, multidisciplinary approach to clinical problems and treats patients from 59 or the State's 64 parishes. It houses one of the largest Hematology-Oncology Training programs in the South and participates in NCI-funded cancer research that brings clinical cancer trials to residents from 55 parishes. It provides strong outreach prevention programs to rural Louisiana, offering free cancer screening at 28 sites in 25 parishes. It is an expansive, valuable resource for the state, stretching the boundaries of understanding, prevention and treatment of cancer.

Activities

The FWCC demonstrates performance excellence in research, education and community service through clinical care and community outreach. The many contributions of the Center include the following:

- The Innovative North Louisiana Experimental Therapeutics (INLET) core research facility and program was created to more aggressively pursue partnerships with businesses and other universities to expand drug discovery and economic development, particularly along the I-20 corridor. Since 2010, 20 faculty have made use of the INLET facility and been awarded \$4.856M in 12 successful federal grant proposals. INLET partners include BVM Venture Capital, K94, La Tech, LSUHSC-NO, LSU-S, Pennington, Shreveport R.C., ULM, and UNO
- The Program in Tumor Virology was formed to increase understanding of the roles that oncogenic viruses play in tumor development, to stimulate novel approaches to prevention, detection, treatment and cure. Over the last 10 years, the group has raised more than \$40M in extramural funding, published more than 130 papers, and given submitted and invited presentations at numerous national and international conferences.
- Partners in Wellness (PIW) is FWCC's cornerstone of cancer prevention and control: a free cancer screening clinic which, since its inception in 1999, has served more than 29,000 age and income-eligible adults and performed more than 34,000 screening exams, including approximately 3,000 mammograms annually. PIW operates two mobile mammography vans that cover northeast Louisiana. The group was selected as the most deserving for the gift of a third van for men's health screening in a national competition conducted in Washington, D.C. this year.
- FWCC faculty has a reputation for excellence in service and offers a cognitive approach that has
 made FWCC a major referral center, projecting over 40,000 patient visits in 2014. A collaborative
 multi-disciplinary approach to evaluation and treatment is key to the Center's approach to cancer
 and the markedly increased number of patients going on to clinical trials. The faculty and fellows
 also hold clinics in UH Conway, plus the incorporation of telemedicine into rural outreach allows
 patients and physicians at rural sites access to valuable supportive cancer programming.

- FWCC has one of the largest oncology fellowship programs in the Southeast, with 16 medical doctors training to become oncologists. In the past 12 years, FWCC has graduated 55 fellows, most of whom have remained in the tri-state area to practice hematology/oncology.
- FWCC has hosted the Barlow Symposium for the last 18 years as a positive way for all members
 of the LSUHSC and FWCC, clinical and basic scientists, to interact, fostering collaborative efforts.
 The Feist Symposium, hosted for the last 20 years, highlights invited speakers engaged in clinical
 research on particular types of cancers and cancer-related topics from all disciplines.
- Patient and community educational activities are another large component of FWCC's mission, including "Cancer 101," a 2-hour course taught weekly to all new patients by an oncology nurse practitioner, a monthly newsletter written by an RN/survivor, and two annual community education events featuring faculty members discussing various cancer topics. FWCC also makes use of Facebook for patient education and community outreach, reaching over 25,000 followers.

Resources and Administration

The FWCC is administered through the Dean of LSU Health Shreveport because its programs and projects involve interdepartmental or multidisciplinary interactions, overlapping administrative boundaries. The FWCC director has the status equivalent to a department chairman, with associate directors heading the three divisions: Basic and Translational Cancer Research; Clinical Cancer Research & Treatment; and Cancer Prevention & Control. An 11-member Internal Advisory Committee meets on a monthly basis to assist the Center in formulating policy (including short- and long-term goals) and the development of programs for the three divisions.

The most visible component of FWCC is the 60,000 square foot building opened in 2004 to house the multidisciplinary outpatient facility and Clinical Cancer Research program. The building was a public/private partnership combining \$2M of the Feist endowment, \$2M in federal funding, and \$8M in state funding, plus another \$6M from the Feist endowment to fit it out and furnish it. It now sees about 10% of the outpatient visits at University Health and generates about 20% of the outpatient revenue.

External Support and Collaboration

Over the years, the FWCC's basic and translational cancer research funding has grown from close to \$1 million in 2003 to nearly \$13.5 million in Federal grants in 2013, with several commercial spin-offs. FWCC faculty have brought in over \$50.7 million total awards over the last ten year period in grants and contracts. The Center's focus is on multidisciplinary collaboration, specifically in areas related to cancer research, but also to expand the body of knowledge, as described above with the INLET program's actions toward its goal of aiding researchers at LSUHSC and throughout the state to acquire federal grants.

STAFF ANALYSIS

Since its initial designation as a Center of Excellence in 1991, the Feist-Weiller Cancer Center has developed and expanded programs of excellence in cancer research, treatment, and education. The Center's programs have received local, regional and national recognition, and they have contributed significantly to accomplishing the goals and mission of the LSUHSC's School of Medicine in Shreveport. The FWCC meets the qualifications for designation as a Center of Research Excellence under BoR AcAf Policy 2.05A.

STAFF RECOMMENDATION

The staff recommends that the Academic and Student Affairs Committee recommend approval of designation of the <u>Feist-Weiller Cancer Center</u> at the LSU Health Sciences Center in Shreveport as a Center of Research Excellence under BoR/AA Policy 2.05A, through December 2019.

BOR AGENDA ITEM IV B 1 REAUTHORIZATION of a CENTER for WORKFORCE EXCELLENCE BATON ROUGE COMMUNITY COLLEGE CWE in TRANSPORTATION TECHNOLOGY

BACKGROUND INFORMATION

The Center for Workforce Excellence (CWE) in Transportation Technology at Baton Rouge Community College (BRCC) was conditionally approved by the Board of Regents on 26 June 2013, following advanced publicity and accolades from the Governor's office. It was the first Center of Excellence to be named under the Board's new policy. A report and proposal for continued designation as a CWE was due by 1 August 2014. BRCC did submit a report in August but continued to revise it through November with information to specifically address the Center's work and progress.

STAFF SUMMARY

Description

BRCC's CWE in Transportation Technology was planned as a two-phase endeavor. Phase I/Aviation included: certificates in avionics, airframe structure & systems, and power plant/engine maintenance; and an AAS in helicopter pilot operations with four certificates for FAA certification (private, commercial and instrumentation pilot, and flight instructor). Phase II/Automotive involved building a world class, state-of-the-art automotive training facility at BRCC's East Campus in the "Smiley Heights" area to deliver National Automotive Certification training addressing every facet of automotive technology for initial and refresher certification.

Activities

Outside of helicopter pilot operations, the CWE/Transportation Technology has had a relatively slow start.

- In Fall 2013, 23 students enrolled as majors in the new AAS/Helicopter Pilot Operations, and by the end of AY 2013-14, 14 private pilot certifications (CTS) had been awarded. BRCC faculty, with Guidance Aviation, is exploring curriculum revisions to possibly add an area of concentration to prepare students to meet industry needs for non-flight related aviation personnel.
- The CTS/Aviation Maintenance Technician—Avionics, on the CRIN since May 2011, had four graduates in 2012-13, but only four majors and two graduates in 2013-14. Airframe and Powerplant, the two aviation maintenance CTS offerings rounding out the aviation technology program component, were approved by LCTCS in May 2013 for implementation in the fall, but the FAA denied initial certification due to issues with both the curriculum and the facility. The curriculum has now been revised; BRCC is working with the Baton Rouge airport to identify a facility/hangar that meets FAA standards, and then will reapply to the FAA. Certification is expected by the end of spring 2015, with implementation expected in the Fall 2015 semester.
- Construction at the Ardendale (Smiley Heights) auto technology site is expected to begin in January 2015 and be ready to receive students for the Fall 2016 semester. The new facility will house the Automotive Technology and Diesel Technology programs, designed to meet or exceed the National Automotive Technician Education Foundation (NATEF) requirements. Students will be prepared for the eight certification exams required to become an Automotive Service Excellence (ASE) Master Automotive or Diesel Technician.
- BRCC had planned to use Capital Area Technical College (CATC)'s existing automotive program
 as a feeder into the CWE's specialized training, but an internal program review revealed a need for
 curriculum revision and renewal of credibility within the industry; the automotive program is being
 completely revised and updated. The new technical diploma curriculum will combine courses of
 related content, compressing content into 15 required courses and will better prepare students for
 the competencies to meet all of the NATEF master technician certification standards.

Resources and Administration

The recently hired Dean of Transportation Technology reports directly to the Vice Chancellor for Academic Affairs and has been actively involved in program review and curriculum development with the department chairs and faculty of the Automotive Technology and the Avionics, Airframe and Powerplant programs.

External Support and Collaboration

The Center has contacted prospective members to establish two advisory boards: one (3 members) for aviation, and one (14 members) for automotive programs, and the college reports that meetings are expected to begin during the current (2014-15) academic year. Five letters of support were included with the request for continuation. The authors wrote of the public partnership as an economic driver in workforce development for the aviation community, anticipation of the automotive training facility idea coming to fruition, and appreciation for future partnership possibilities and opportunities to provide training once the building is completed. All Star Automotive has identified four cars that will be donated, and Caterpillar has pledged to donate two large diesel engines as planning continues in the design of the automotive facility.

STAFF ANALYSIS

The designation of BRCC's Transportation Technology programs as a *Center of Excellence* may have been premature, as component parts had little or no history of productivity, basic program development and revision is ongoing, and implementation of major program components may not begin until Fall 2016. Helicopter pilot training offered by Guidance Aviation, a third party vendor, is the only actively productive element at this time. Since its initial designation as a Center for Workforce Excellence, the automotive and aviation technology portions (except avionics) of the Center's work have not been able to enroll students as the faculty conduct unanticipated but much needed curriculum redesign. It may be another two to three years before BRCC's plans are realized and the CWE begins to actually demonstrate performance excellence. Staff believes that the potential for excellence in the automotive and aviation technology portions remains very real, but that the designation should remain provisional and progress should be monitored closely.

STAFF RECOMMENDATION

The staff recommends that the Academic and Student Affairs Committee recommend approval of continued, provisional designation of the <u>Center for Workforce Excellence in Transportation Technology</u> at Baton Rouge Community College, with a report and proposal for continued designation as a CWE due by 1 October 2015 and annually thereafter until fully approved.

Bor AGENDA ITEM V A 1 REAUTHORIZATION of a PREVIOUSLY APPROVED RESEARCH UNIT LOUISIANA STATE UNIVERSITY NATIONAL CENTER FOR ADVANCED MANUFACTURING

BACKGROUND INFORMATION

Louisiana State University (LSU) is requesting reauthorization of the National Center for Advanced Manufacturing (NCAM). The Center was originally granted one-year conditional approval in September 2001 at the University of New Orleans (UNO); granted full approval in 2002; and reauthorized in September 2009 through June 30, 2013. Prior to approval by the Board of Regents in 2001, NCAM was formed by a cooperative endeavor agreement (CEA) between UNO, the Louisiana Department of Economic Development (LED), and the National Aeronautics and Space Administration. Under the terms of the 2012 NCAM CEA (which is still in force) LSU was made managing partner of NCAM and charged with leading and managing NCAM activities and acting as administrator for the NASA funds to be shared and utilized by State-affiliated parties. While UNO remains a participating partner in NCAM, the Center is no longer considered a UNO entity. As such the request for reauthorization is being pursued by LSU and was approved by the LSU Board of Supervisors in October 2014.

STAFF SUMMARY

1. Description

NCAM is a state-of-the-art research and production center focused on applying advanced manufacturing technologies to lightweight composite and metallic materials in support of the NASA space program and adjunct industries. Located at the NASA Michoud Assembly Facility (MAF) in New Orleans, NCAM is currently home to the partnership between NASA, the State of Louisiana, LSU, UNO and the UNO Research and Technology Foundation. The NCAM mission has three components: (1) position NCAM as a service unit to NASA with the NASA mission being the first and primary priority of NCAM; (2) identify and nurture new research opportunities not previously available to the faculty at all institution within Louisiana; and (3) establish NCAM as a premier resource for regional STEM and education outreach initiatives. NCAM partners strive to improve US competitiveness in aerospace and commercial markets and to enable the transfer of technology to industry partners and educational institutions within the partnership and across the nation.

2. Activities

Ongoing activities include:

- NASA Space Launch System (SLS): production support for the Boeing Core Stage and Lockheed Martin Orion Crew Module. 1st crew module completed with the test flight scheduled for 12/2014;
- NASA Commercial Crew Program: production support for the Sierra Nevada/Lockheed Martin Dream Chaser Space Vehicle;
- NASA SLS Technology Department Office Research Project: LSU awarded three-year research grant for the Friction Stir Weld On-Line Sensing of Weld Quality;
- Joined "America Makes" the National Manufacturing Institute focused on additive manufacturing (3D printing);
- Economic Development Assistantship Fellowship Program: supporting LSU research program development;
- Supporting the training and certification of new equipment operators in support of NASA production programs for Boeing and Lockheed Martin personnel;
- Sponsoring UNO Friction Stir Weld "Special Topics" engineering course taught at NCAM; and
- Sponsored STEM Outreach Initiatives such as the Boy Scouts Composite Materials Badge, LSU Space Day, St. Aloysius STEM Night and STEM NOLA event.

Planned activities include:

- NASA Orion Program: development and production support for the build of the second crew module and service module;
- National Network of Manufacturing Institutes: pursuit of the Composite Materials and Structures Institute as member of the University of Delaware lead team;
- NSF ESPCOR RII Track I proposal to establish the NSF Louisiana Consortium for Innovation in Manufacturing and Materials (CIMM): teamed with Lockheed Martin and NASA in support of the LSU lead proposal;
- Lockheed Martin Space Systems 2015 Research and Development Program: collaborating on research tasks;
- NASA Space Technology Research Fellowship: sponsorship of LSU graduate student application;
- Sponsorship of Regional Community College Workforce Development Friction Stir Weld Workshops; and
- Sponsoring STEM Outreach Initiatives such as UNO Space Day and UNO Girl Scouts LA East STEM Workshop.

3. Resources and Administration

The NCAM administration includes the NCAM Advisory Committee, which oversees all operations of the Center and consists of the following members: NASA MAF Chief Operating Officer, NASA MSFC Materials Lab Manager, LSU Dean of Engineering, UNO Dean of Engineering, CEO of the UNO Research and Technology Foundation and LED Director of Federal Programs. The Office of the Dean of the College of Engineering at LSU provides the NCAM staff support to manage day-to-day operations. The staff includes the NCAM Director and NCAM Coordinator; both are located at the NASA MAF in New Orleans. Faculty from LSU, UNO and other institutions within Louisiana are utilized as needed to support research grant proposal efforts. Industry subject matter experts are utilized for conducting specialized training workshops and continuing education courses.

The NCAM facility occupies 85,000 square feet within the 1,700,000 square foot Main Production Building at the NASA Michoud Assembly Facility (MAF). The facility includes \$38M in large scale, multi-axle robotic equipment. In addition, NCAM has access to MAF facilities and services such as advanced laboratory services, mechanical and chemical testing, machine shops, engineering and tool design, clean lines and heat treatments.

4. Budget

The NCAM operation is funded by a federal grant. The NCAM budget does not account for any pending revenue. The NCAM budget is primarily used to leverage additional external funding for research and education outreach activities. Should the NCAM seed funding result in a grant award, the entire grant funding remains with the Louisiana institution or collaborative team which submitted the winning proposal.

STAFF ANALYSIS

It appears to staff that NCAM is a valuable resource to both the State and the University. NCAM's close alignment with the operational needs of NASA's Michoud facility have resulted in research, education, and economic development benefits which would not have been possible otherwise. Appropriate funding is in place to support Center initiatives.

STAFF RECOMMENDATION

The staff recommends that the Academic and Student Affairs Committee recommend reauthorization of the <u>National Center for Advanced Manufacturing</u> at LSU A&M for a period of five years, effective immediately.

Bor AGENDA ITEM V A 2 REAUTHORIZATION of a PREVIOUSLY APPROVED RESEARCH UNIT LOUISIANA STATE UNIVERSITY

BACKGROUND INFORMATION

CENTER FOR ROTATING MACHINERY

Louisiana State University (LSU) is requesting reauthorization of the Center for Rotating Machinery (CeRoM). Three-year conditional approval was initially granted by the Board of Regents in September 2000 with reauthorization for a period of five years granted in 2003 and again 2009 (through March 31, 2014). The current request for reauthorization was approved by the LSU Board of Supervisors at its October 2014 meeting.

STAFF SUMMARY

1. Description

CeRoM focuses on interdisciplinary research and development, in close collaboration with industry. By providing cutting-edge technological innovation to solve complex problems in engineering systems, the Center serves as an intellectual foundation to industry with a focus on continuous improvement and long-range development.

Another distinguishing feature of CeRoM involves the synergy between tribology, material science, microfabrication, modeling, mechanical systems analysis, and advanced sensing technology with the goal of developing a new generation of mechanical components and systems. Accordingly, the Center's mission is to develop the technology and deliver the next generation of vital mechanical components and systems for industry to boost the economic competitive edge through innovation. In the scientific arena, successful multidisciplinary research required in integrating the micro- and macro-systems involves challenging problems bridging multiple-length-scales. The development of next generation components has the potential to revolutionize industry in terms of productivity, reliability, and global competitiveness. The progress made will also have a profound, positive impact on the current scientific state-of-the-art knowledge.

2. Activities

The Center's recent accomplishments and successes in R&D have made CeRoM a major resource center for industry and a leader in diverse scientific fields dealing with tribology and mechanical fatigue. Over the years, CeRoM has made considerable investments in acquiring unique research equipment and testing machines as well as in developing the technological know-how on the operation of machines and testing plans that enables the Center to make major advances for years to come. Examples of Center activities over the past five years include, but are not limited to:

- Partnership with Gulf South Rotating Machinery Symposium (GSRMS). GSRMS represents a large
 group of oil and gas industry professionals dedicated to educating and improving the compression
 and rotating machinery industry. In partnership, the Center has offered short courses at the
 conference and participated in showcasing its activities during keynote presentations and exhibits.
- Partnerships with Industry. Since the establishment of CeRoM, the team has succeeded in attracting several ITRS grants with major industries such as Timken and Caterpillar Inc.
- Visiting Senior Researchers and Post-Doctoral Research. The Center has hosted numerous senior researchers, post-doctoral research associates and visiting scholars from around the globe. The duration of the visits typically ranges from several months to a year.
- Joint Research Publications and Proposals (National and International). CeRoM has collaborated
 on many publications and proposals with other institutions nationally and internationally, including
 most recently a publication on the subject of automotive clutch with Volvo from Sweden. These
 activities help the Center grow and enhance its reputation globally.

Workshops, Symposia, Seminars and Presentations. The Center's associated faculty have given
and continue to give numerous invited seminars, hundreds of presentations, including keynote
addresses at national and international conferences, such as NASA and Sandia.

A five-year plan to ensure that the CeRoM remains productive and takes full advantage of the momentum generated over the past 14 years has been created. Elements of the plan include: (1) relocating and increasing the size of the CeRoM laboratories; (2) broadening the Center's research portfolio to include composite materials research; (3) growing industrial partnerships with small business entities by twofold; and (4) expanding partnerships with federal agencies to increase funding as well as to provide further training opportunities.

3. Resources and Administration

The Center, with laboratory and meeting space in Patrick Taylor Hall on the LSU campus, is administered by a director and an associate director. CeRoM's associated faculty include ten professors from the Departments of Mechanical & Industrial Engineering and Petroleum Engineering. An Industrial Advisory Board is engaged in Center operations and includes members from the Gulf South Rotating Machinery Executive Committee and representatives Kaydon, Energy Services, 360-International and ExxonMobil. The Dean of the College of Engineering has oversight responsibility of this research unit.

Over the past five years the Center has expanded its operating space considerably and purchased and/or built a significant number of new test rigs. These test machines will enable the Center to further its research objectives, enhance its reputation nationally, and attract funds from different sources.

4. Budget

The major source of revenue for CeRoM comes from grants and contracts, particularly from industry. Additional revenue is provided by the director's endowed chair and an additional industry contribution. The entire revenue stream is more than what is needed to afford Center operations.

STAFF ANALYSIS

Staff commends the Center for its productivity and affirms its relevance to the University. Its list of accomplishments is impressive, as is its funding secured to-date. CeRoM is expected to be able to continue its mission successfully for years to come with sound financial resources.

STAFF RECOMMENDATION

The staff recommends that the Academic and Student Affairs Committee recommend reauthorization of the <u>Center for Rotating Machinery</u> at LSU A&M for a period of five years, effective immediately.

BOR AGENDA ITEM V A 3 REAUTHORIZATION of a PREVIOUSLY APPROVED RESEARCH UNIT LOUISIANA STATE UNIVERSITY CENTER FOR INTERNAL AUDITING

BACKGROUND INFORMATION

Louisiana State University (LSU) is requesting reauthorization of the Center for Internal Auditing (LSUCIA). The Center was originally approved by the Board of Regents in 1999 through October 31, 2003. Reauthorization was granted in 2003 and in 2009 (through March 31, 2014). The present request for reauthorization was approved by the LSU Board of Supervisors at its October 2014 meeting.

STAFF SUMMARY

1. Description

The LSUCIA is primarily an academic support unit with research as only one element of its objectives. Among its activities, the Center: assists the E.J. Ourso College of Business in competing with other universities for national and international recognition; assists alumni with career placement; provides preparation for the Certified Internal Auditor Exam; and offers courses through the Department of Accounting.

The success of the LSUCIA is attributed to its innovative approach to education. The multidisciplinary approach is designed to assist students with making the transition from college to the work environment. The focus is not only on academic content but also on behavioral skills valued by employers. To meet the changing skill sets required of today's workforce, the LSUCIA curriculum has continually evolved and expanded to assure that students have a broad range of such relevant skill sets.

2. Activities

For 30 years LSU has been recognized as the leading university in internal auditing with an international footprint. LSUCIA's program was the first university program to obtain the "Center for Internal Auditing Excellence" status, the highest level of participation in the Internal Audit Education Partnership (IAEP), and it is one of only six university programs in the world with this designation. Among its many accomplishments since it was reauthorized in 2009 are the following:

- Nineteen LSUCIA students have received the highest score on the international Certified Internal Auditor (CIA) Exam;
- One student received the CIA Gold Medal for the highest score on the CIA Exam;
- LSUCIA students have received an international award for manuscript competition;
- LSUCIA has placed over 2,300 students in summer internship positions and has created significant full-time position opportunities. Over 3,500 students have completed the LSUCIA Program;
- LSUCIA staff has created 30 internal audit cases used by other universities;
- LSUCIA has over ten corporate sponsors that collectively contribute over \$50K each year;
- A total of \$153K in grant funding from the Institute of Internal Auditors was awarded to LSUCIA from 2011 to 2014; and
- The Director received the IIA Cadmus Award. This international award is the highest honor in the internal audit profession, presented for the greatest contribution to the advancement of the profession.

Continued designation as a Center will allow the LSUCIA to maintain existing services while providing the opportunity for expanding curriculum, executive education, and research opportunities. Plans for the next five years include: (1) becoming a leader in education relating to enterprise risk management, governance.

and information technology security; (2) expanding the internship program in order to service more students; (3) developing partnerships with faculty to conduct research in the areas of governance, risk and controls; (4) serving the needs of students in the Executive MBA, Professional MBA and the On-Line MBA; and (5) increasing fundraising initiatives.

3. Resources and Administration

No major changes have been made in the operation of the LSUCIA in the last five years. In addition to teaching, administration and coordination of the LSUCIA are handled by the Director and Assistant Director. The Center reports to the Chair of the Department of Accounting. Basic facilities and equipment are provided by the institution as well as by external sponsors.

4. Budget

Salaries of the Director and Assistant Director are covered in the LSU Department of Accounting's budget. Other sources of revenue include grants and corporate contributions. Because of the importance of the Center to the College of Business, the Dean has made a commitment to cover any shortfall in budgeted revenues and anticipated expenditures.

STAFF ANALYSIS

Staff affirms the Center's integral role in the E.J. Ourso College of Business at LSU and acknowledges its importance to the institution. LSUCIA's accomplishments are impressive and have brought acclaim to the College and University. This asset and its activities should be encouraged and maintained.

STAFF RECOMMENDATION

The staff recommends that the Academic and Student Affairs Committee recommend reauthorization of the <u>Center for Internal Auditing</u> at LSU A&M for a period of five years, effective immediately.

BOR AGENDA ITEM V A 4 REAUTHORIZATION of a PREVIOUSLY APPROVED RESEARCH UNIT LSU PAUL M. HEBERT LAW CENTER GEORGE W. AND JEAN H. PUGH INSTITUTE FOR JUSTICE

BACKGROUND INFORMATION

The LSU Paul M. Hebert Law Center is requesting reauthorization of the George W. and Jean H. Pugh Institute for Justice. In January 2003, the Board of Regents granted conditional approval to the Institute through February 1, 2004. An additional year of approval (through April 1, 2005) was granted by the Board in March 2004 with approval granted for a period of five years (through February 24, 2010) in February 2005. Continued approval through June 30, 2014 was granted in May 2010. The request for reauthorization of institute status was approved by the LSU Board of Supervisors at its October 2014 meeting.

STAFF SUMMARY

1. Description

The Institute was founded through charitable contributions awarded to provide support for "research, educational and pro bono activities that will promote justice for individuals in the administration of the criminal and civil justice systems in the State of Louisiana and elsewhere."

The need for support for such activities continues, as suggested by controversies and public debate on such matters as interactions between citizens and the police, the death penalty, the treatment of juveniles in the criminal justice system, civil litigation reform, the pace of desegregation in public schools, voting rights and questions such as whether criminal punishment is too harsh and whether incarceration is overused. The Pugh Institute continues to address such issues, and to date has received donations and other funds in excess of \$300,000 to support initiatives of the Institute.

2. Activities

Since its last reauthorization in 2010 by the Board of Regents, the Pugh Institute has undertaken a number of important activities, including the following.

- Each academic year, two members of the Advisory Committee to the Pugh Institute teach a course at the Law Center entitled "Punishment and Post-Conviction Procedures." The course exposes students to issues involved in sentencing, the death penalty, habeas corpus, parole and probation, and the question of why innocent persons are convicted and what can be done to prevent such miscarriages of justice. Students in this course have had the opportunity to work as externs with the Innocence Project of New Orleans, a chapter of a nationwide effort to represent the wrongfully convicted.
- The Pugh Institute, in collaboration with the LSU Law Center, the Louisiana Law Review, and the John D. and Catherine T. MacArthur Foundation, brought together many of the nation's and state's leaders in the area of juvenile justice for a symposium in March 2010 entitled "The Backdoor of Juvenile Courts Waivers and the Impact of Criminalization." The symposium focused on the increasing use of statutory waivers and transfer provisions to try juveniles for offenses in criminal court, rather than juvenile court.
- In March 2012, in concert with the Louisiana Law Review, the Pugh Institute sponsored a "Coastal Land Loss in the Gulf Coast and Beyond" symposium which addressed the numerous legal and administrative issues that relate to coastal land loss in Louisiana and other coastal areas throughout the world.
- In spring 2014 the Pugh Institute brought two distinguished speakers to the LSU Law Center. The first was Judge Jay Zainey of the Federal District Court for the Eastern District of Louisiana who spoke about Project HELP, a national program through which lawyers and law students help provide legal assistance to homeless persons. The second speaker was Sister Helen Prejean, the

author of *Dead Man Walking*. Sister Prejean spoke about the place of the death penalty in a civil society and discussed the challenges of the death penalty relevant to the constitutional ban on cruel and unusual punishment.

During the five year period of the requested reauthorization, the Pugh Institute plans to host at least two events each year. These will include: (1) working with the Louisiana Law Review to hold a symposium with distinguished speakers to address important matters related to the rights of individuals and the relationship between the citizenry and their governments; and (2) sponsoring distinguished individuals to address the law center community on pro bono opportunities and hosting meetings of distinguished legal professionals on these matters. In particular, the Pugh Institute plans to address the issue of incarceration, its costs and benefits, and its possible alternatives.

3. Resources and Administration

Each of the prior and current administrators of the Pugh Institute has been a member of the LSU Law Faculty. There is a ten-member Advisory Committee which guides the work of the Institute. George Pugh, Professor Emeritus of Law, continues to be an active participant in Advisory Committee meetings and sponsored activities of the Pugh Institute.

The executive director's faculty office serves as the office for the Pugh Institute. An administrative assistant at the LSU Law Center provides administrative assistance on an as-needed basis.

4. Budget

On October 1, 2014, the Pugh Institute had approximately \$301,400 in endowed funds, \$73,891 in its earning account, and \$38,221 in support funds.

The LSU Law Center has provided and will continue to provide the executive director with such clerical assistance as is necessary to carry out programmatic and other functions of the Institute. The executive director is a volunteer position, carrying neither payment nor any course reduction.

Budgeted funds are expended solely for the purpose of paying out of pocket expenses for speakers, professional service, consultants, and other miscellaneous expenses not covered by the Law Center. Earnings on endowment funds are projected to be approximately \$15,800 per year over the next five years and expenditures approximately \$9,700 annually.

STAFF ANALYSIS

The Pugh Institute appears to be providing valuable service to both the LSU Law Center and the State of Louisiana. All requirements for full approval have been met. Lastly, staff notes that the Institute operates both efficiently and effectively on a limited budget.

STAFF RECOMMENDATION

The staff recommends that the Academic and Student Affairs Committee recommend reauthorization of the <u>George W. and Jean H. Pugh Institute for Justice</u> at the LSU Paul M. Hebert Law Center for a period of five years, effective immediately.

ROUTINE ACADEMIC REQUESTS

Staff Approvals

Institution	Request			
Nicholls	Request to offer the existing AS in Petroleum Sciences (15.0903) in traditional classroom settings or 100% online via distance learning technologies. – Approved , with the understanding that in light of the GRAD Act the continued offering of this associate degree by Nicholls will be evaluated.			

PROGRESS REPORTS for CONDITIONALLY APPROVED ACADEMIC PROGRAMS & RESEARCH UNITS

Initial Approval	Institution	Staff Analysis	Staff Recommendation for Board Action
06.2012	McNeese State University PMC in Family Nurse Practitioner (FNP) and in Family Psychiatric/Mental Health Nurse Practitioner (FPNP) Approval of the Post Masters Certificates through the Intercollegiate Consortium for the Master of Science in Nursing (ICMSN) was granted in June 2012 with a request for a progress report by September 2013. The 2013 progress report was received and accepted in December 2013 at which time a subsequent report was requested by September 30, 2014.	The first PMC-FNP cohort of three (3) students completed the program in December 2013. The program was not offered in Spring 2014 due to low numbers of prospective students. Due to having to shift faculty resources the decision has been made to offer the PMC-FNP in the summers only for the time being. An enrollment of five (5) students is projected for summer 2015. The PMC-FPNP currently has an enrollment of six (6) students. Four (4) students are expected to complete the program in December 2014.	Receive and accept the 2014 progress report. A subsequent report on both PMCs is requested by September 30, 2015.
06.2008	LSUHSC – Shreveport and LSUS Joint Master of Public Health (MPH) The joint program was granted conditional approval in June 2008 with a progress report requested by September 1, 2009 and annually on that date until specialized accreditation was achieved. The institution has submitted progress reports, as was requested, with the last report received and accepted in January 2014. At that time a subsequent report was requested by December 1, 2014.	Current enrollment for the program was reported as 23 for the fall 2014 semester. The institutions noted that the total number of graduates to date (as of May 2014) is 29 with five (5) MPH students being the most recent cohort to earn the degree in August 2014. Data on the placement of graduates has been collected and an analysis was provided in the report. The MPH program has begun the self-study process for specialized accreditation. A preliminary self-study document was submitted in October 2014 and the institutions are currently awaiting feedback to the document. Highlights of program accomplishments were provided as well.	Receive and accept the 2014 progress report. A subsequent report is requested by December 1, 2015.
12.2011	LSUHSC – New Orleans Doctor of Nursing Practice (DNP) The DNP was granted conditional approval in December 2011. An update on program implementation was requested by January 1, 2013. The campus submitted the requested progress report as well as a subsequent report in February 2014. A third progress report was requested by January 1, 2015.	As of the fall 2014 semester, the DNP program has a total of 136 students. There are 116 students enrolled in the BSN to DNP track and 20 students enrolled in the Post-Master's DNP track. Seven Post-master's DNP students have been approved for graduation in December 2014. It is projected that there will be two graduates in spring 2015 and two in fall 2015.	Receive and accept the 2014 progress report. A subsequent report is requested by December 1, 2015.

PAST DUE REPORTS FOR APPROVED ACADEMIC PROGRAMS & RESEARCH UNITS

Listed below are reports that have yet to be received for various academic programs and research units.

	Past Due:				
Due Date	Institution	Program / Unit	Summary		
01.31.2014	ULL	Health Informatics Center of Acadiana	The Center was granted initial approval in February 1999 with continued approval granted in January 2009. A request for reauthorization of center status was requested by January 31, 2014.		
06.01.2014	CLTCC	AAS in Criminal Justice	The program was granted conditional approval in March 2013. An update on program implementation, to include enrollment and completer data, was requested by June 1, 2014.		
07.01.2014	CLTCC	AGS	Conditional approval was granted in December 2013. An update on program implementation, to include enrollment and completer data, was requested by July 1, 2014.		
07.01.2014	CLTCC	AAS in Technical Studies	Conditional approval of the AAS was granted in December 2013. An update on program implementation, to include enrollment and completer data, was requested by July 1, 2014.		
09.30.2014	Nicholls	PMC in FNP and in FPMH	Conditional approval was granted to the two PMCs at Nicholls to be offered through the Intercollegiate Consortium for the Master of Science in Nursing (ICMSN). Progress reports on program implementation were requested by October 1, 2013. The campus submitted the documents as requested at which time subsequent reports were requested by September 20, 2014.		
09.30.2014	Nicholls	MSN	Conditional approval of the MSN was granted to Nicholls (through the ICMSN) in May 2012. A progress report on program implementation was provided in October 2013. At that time a subsequent report was requested by September 30, 2104.		
09.30.2014	SUSLA	CAS – Sterile Processing Technician	Conditional approval of the CAS was granted in May 2012. A progress report was received and accepted in December 2013 with a subsequent report requested by September 30, 2014.		
09.30.2014	ULL	GC – Teaching English to Speakers of Other Languages	Conditional approval of the GC was granted in May 2012 with a progress report requested by September 30, 2013. The 2013 progress report was received and accepted in October 2014 at which time a subsequent report was requested by September 30, 2014.		
10.01.2014	UL System	BA – Organizational Leadership	In September 2012 the program was granted conditional approval with a progress report due by October 1, 2013. The 2013 progress report was accepted and received as requested with a subsequent report requested by October 1, 2014.		
11.01.2014	ULM	мот	The MOT was granted conditional approval in October 2012 with an implementation in fall 2013. By November 1, 2014 and annually until specialized accreditation is achieved a progress report is to be submitted.		

LETTERS of INTENT/PROPOSALS in the QUEUE

Forwarded to BoR by Management Boards

REQUEST	CAMPUS	PROGRAM	RECV'D	STATUS
	ULM	BA – Dance	12.17.13	12.19.13 Circulated to CAOs for feedback w/ responses recv'd by 01.27.14; questions to campus 02.03.14; response recv'd 03.17.14. Questions to campus 03.31.14; awaiting response.
	UNO	MEd – Higher Education Administration	03.12.14	03.17.14 Circulated to CAOs w/ feedback requested by 04.04.14. Questions to campus 04.08.14. Response recv'd 11.25.14; under staff review.
Letters of Intent	SUBR	MA – Urban Teaching Leadership	08.28.14	09.04.14 Circulated to CAOs w/feedback requested by 09.24.14. Under staff and LDE review as an MAT GR 1-5.
	LSUA	BS – Medical Imaging	10.07.14	10.09.14 Circulated to CAOs for feedback w/responses recv'd by 11.03.14. 11.13.14: Concerns conveyed to campus; awaiting response.
	SUNO	BS - Nursing	10.09.14	10.16.14 Circulated to CAOs for feedback w/responses recv'd by 11.10.14. 11.21.14 Questions to campus; awaiting response.
	BRCC	AAS – Computer Science	03.18.14	Questions to campus 03.31.14 w/ a response recv'd 04.07.14. Additional questions to campus on 04.09.14; awaiting response.
	SLCC	AAS – Helicopter Aviation	06.16.14	Questions to campus 06.23.2014; status update on 11.19.14 – campus working on response.
	SLCC	AS - Accounting	06.16.14	07.11.14 requested additional documentation from campus; status update on 11.19.14 – campus working on response.
Program Proposals	UNO	MS – Transportation	08.26.14	09.11.14 proposal sent to external reviewer with report due by 10.10.14. Questions posed by reviewer sent to campus 10.15.14; response provided by campus same day and shared with reviewer. 10.22.14 external reviewer submitted report. 10.24.14 report with questions sent to campus. 11.12.14 response from campus; under staff review.
	SUNO	DSW	08.28.14	09.09.14 proposal sent to external reviewer. Report received 10.09.14 and evaluated by staff. List of issues submitted to campus 10.15.14. Staff met with campus representatives (11.06.14) to discuss proposal. 12.02.14 campus submitted response to issues; under staff review.
	SUSLA	AAS – Process Technology	10.21.14	10.28.14 questions sent to campus. 11.20.14 staff discussed with campus. Response recv'd 11.25.14; under staff review.
	SUSLA	CTS – Computer Networking Technology	10.21.14	10.28.14 questions sent to campus. 11.20.14 staff discussed with campus. Response recv'd 11.25.14; under staff review.

SUSLA	CTS – Office Systems Business Technology	10.21.14	10.28.14 questions sent to campus. 11.20.14 staff discussed with campus. Response recv'd 11.25.14 (with a change in name to CTS in Administrative Systems Technology); under staff review.
SUSLA	CTS – Accounting Technology Clerk	10.21.14	10.28.14 questions sent to campus. 11.20.14 staff discussed with campus. Response recv'd 11.25.14; under staff review.
SUSLA	AAS – Polysomnography	10.21.14	10.28.14 campus was asked to submit a full proposal. 11.25.14 full proposal recv'd; under staff review.
SUSLA	AAS – Early Childhood PreK – 4 yrs	10.21.14	Under staff review (BoR, LDE).
ULM	MSN (Online)	10.29.14	Proposal under review by external consultant. Report due 12.12.14.
ULM	MPA (Online)	10.29.14	Proposal under review by external consultant. Report due 12.12.14.
BRCC	AAS – Industrial Technology	12.02.14	Proposal recv'd from LCTCS; initial staff review.

Designation as Center of Excellence

CWE	Delgado	Advanced Manufacturing	03.18.14	Ongoing questions, discussion with the campus; staff suggested a plan of action 06.11.14; campus submitted a new proposal 12.01.14; under staff review.
CWE	Nicholls	Petroleum Technology & Safety Management	08.12.14	Questions to campus 08.29.14; awaiting response.