

Council of Chief Academic Officers

Wednesday, April 20, 2011

8:30 a.m.

or upon adjournment of SCOCAO

Kathy Rupp Conference Room

Reconvene Noon to 1:15 p.m.

Kathy Rupp Conference Room

1000 SW Jackson Street Suite 520

Kansas Board of Regents

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6. Other Business

AGENDA MATERIALS DUE	MEETING DATES	LUNCH ROTATION
August 25, 2010	September 15, 2010	KSU
September 20, 2010	October 20, 2010	PSU
October 20, 2010	November 17, 2010	ESU
November 16, 2010	December 15, 2010	WSU
December 15, 2010	January 19, 2011	KU
January 19, 2011	February 16, 2011	KUMC
February 16, 2011	March 16, 2011	Washburn U
March 23, 2011	April 20, 2011	FHSU
April 20, 2011	May 18, 2011	KSU
May 18, 2011	June 15, 2011	PSU

Council of Chief Academic Officers

Wednesday, March 16, 2011

9:30 a.m. – 10:30 a.m.

Kathy Rupp Conference Room

Curtis State Office Building

Reconvene at

12:00 p.m. – 1:15 p.m.

Kathy Rupp Conference Room

Curtis State Office Building

1000 SW Jackson Street Suite 520

Kansas Board of Regents

MINUTES

The Council of Chief Academic Officers met on Wednesday, March 16, 2011 in the Kathy Rupp Conference Room, Curtis State Office Building in Topeka, Kansas at 9:30 a.m. and reconvened in the Kathy Rupp Conference Room at 12:00 p.m.

Members Present:

Larry Gould, Provost, FHSU

Jeffery S. Vitter, Provost and EVC, KU

April Mason, Provost, KSU

Lynette Olson, Provost, PSU

Allen Rawitch, VCAA, KU Med Center

Tes Mehring, Provost, ESU

Rick Muma for Gary Miller, Provost, WSU

Nancy Tate for Randy Pembroke, VPAA, WU

Gary Alexander, KBOR

Others Present:

Ruth Dyer, KSU; Barbara Romzek, KU; and Keith Pickus, WSU

Staff Present

Jean Redeker, KBOR, Jacqueline Johnson, KBOR, Dianne Glass, KBOR, and Joan Warren, KBOR

Approve Minutes of February 17, 2011

April Mason moved, and Tes Mehring seconded the motion, to approve the Minutes of February 17, 2011, as submitted. No discussion followed. Motion carried.

Program Requests

ESU Request to Change the name of the Bachelor of Integrated Studies degree to the Bachelor of Interdisciplinary Studies

Allen Rawitch moved, and April Mason seconded the motion, to approve Emporia State University's request to change the name of the Bachelor of Integrated Studies degree to the Bachelor of Interdisciplinary Studies. Motion carried.

KU Request to Change the Name of the Special Studies graduate degree program to Interdisciplinary Studies

Allen Rawitch moved, and Tes Mehring seconded the motion, to approve the University of Kansas' request to change the name of the Special Studies graduate degree program to Interdisciplinary Studies. Motion carried

Informational Items

KSU – A New Minor in Aerospace Studies in the College of Arts and Sciences in the Department of Aerospace Studies and College of Technology & Aviation – Department of Aviation – Reorganize Bachelor of Science in Aeronautical Technology by:

- Adding Options in:
 - Air Traffic Control Management (BATN-ATC)
 - Avionics Systems and Management (BATN-AVIO)
 - Airport Management (BATN-APMG)
 - Aviation Maintenance Management (BATN-AMAP)
 - Professional Pilot (BATN-PPILB)
 - Unmanned Aerial Systems (BATN-UAS)
- Dropping:
 - Drop: Bachelor of Science in Aeronautical Technology Aviation Maintenance (AVMB)
 - Drop: Bachelor of Science in Aeronautical Technology Professional Pilot (PPILB)

PSU – Electronic Embedded Systems Emphasis within BSET Electronics Engineering Technology Major (CIP: 15.0399)

The items listed above are for information and do not require action.

Student Learning Outcomes Assessment

Gary Alexander distributed copy of Strategic Goal #4 of Foresight 2020 (Student Learning Assessment). COCAO members will provide information on their assessment plans for discussion in April.

Strategic Goal #4

“Ensure that students earning credentials and degrees across the higher education system possess the foundational skills essential for success in work and in life.”

Objectives

- 4.1 During the 2010-11 academic year, the Board of Regents' system-wide learner outcomes task force, in consultation with the university Chief Academic Officers, shall make recommendations regarding the identification and measurement of foundational skills (such as oral and written communications, technical and numerical literacy, critical thinking and problem-solving) which institutions will report to the Board.
- 4.2 By June 2011, the Board of Regents will adopt a framework that enables each institution to report on the measurement of the foundational skills identified as essential to success in work and in life.
- 4.3 By September of 2012, the Board of Regents will receive its first report on the measurement of foundational skills across the higher education system.

Points

- 4.1 – related to undergraduates – COCAO will develop a list of recommended foundational skills that institutions will report to the Board
- 4.2 – each institution is to report on
 - Areas currently assessed on campus
 - Mechanism that is being used for assessments
- 4.3 – a progress report is needed and in September of 2012 a first report should be made to the Board

Discussion:

- COCAO needs to determine what the foundational skills are and how they will be assessed
- No data at this time
- Goal is to have a draft document ready to discuss at the April 20 meeting

Meeting recessed at 10:10 a.m.

Meeting reconvened at noon in the Kathy Rupp Conference Room.

Other Business

Low Enrollment Programs Update

Gary Alexander reported that no further requests have been received.

Learner Outcomes Clarification

Gary Alexander needs a paragraph from each university regarding what they assess at this time and how that assessment is accomplished. He will compile a draft discussion document for the next COCAO meeting April 20, 2011.

The Council pointed out that many of the universities are preparing for institutional accreditation and would like to merge the foundational skills with the outcomes needed for accreditation.

Transfer and Articulation Update

Gary Alexander reported that progress is being made on the issues regarding transfer and articulation. The Task Force will be meeting on Thursday, March 17 and the community colleges have provided input.

The Core Outcomes Project was discussed as a starting point for the general education courses that could be used for the transfer and articulation policy.

Discussion followed:

- Board policy has a transfer and articulation policy located in Chapter IV section 22
- 45 credit hours of general education
 - “A minimum of 45 credit hours of general education with distribution in the following fields will be required. General education hours totaling less than 45 will be accepted, but transfer students must complete the remainder of this requirement before graduation from the receiving institution, which may require an additional semester(s).”
- Some institutions have transfer agreements for technical programs
- Advising can often be a part of the problem
- The value of a transfer and articulation advisory council and/or ombudsman

Library Consortium

- a. Benefits of a formal library consortium with dedicated staff to collaborate with academic institutions in selecting and negotiating information resources.**
- b. Benefits (beyond licensed databases) of an academic library consortium as a shared resource in the state of Kansas.**

COCAO discussed the lack of progress of the library consortium. A few questions were asked: 1) Should there be a group to deal with subscriptions? 2) Are there needs this group could address? 3) Concerns that joint licensing could raise the costs – who will pay for it? 4) A tiered method with case by case negotiating was mentioned. Who will manage the process? 5) Who will provide oversight and direction to the group?

Gary Alexander will inform (Council of Deans and Directors of Libraries) CODDL of the Council of Chief Academic Officers input. COCAO would like a proposal that includes who will be in charge; what databases will be used; and approximate costs (savings).

Council of Student Affairs Officers – COSAO

The Vice Presidents for Student Life want to re-energize the Council of Student Affairs Officers and open up communications. They have met a few times and have discussed a variety of issues, such as: retention, graduation rates, systemic solutions, safety response and disaster response.

Discussion followed:

- COCAO asked which issues overlap with them
- Joan Warren will provide a list of their agenda topics
- COSAO – do they have a business continuity plan
- Purpose of safety and disaster responses – equip faculty to respond

Meeting adjourned at 1:15 p.m.

Sincerely,

Jeffery S. Vitter
Provost and Executive Vice Chancellor
University of Kansas

University of Kansas Program Request Dual Title Degrees

Gary Alexander, Vice President for Academic Affairs
Kansas Board of Regents

Dear Gary,

On behalf of the University of Kansas, we request review of the proposal to establish the option of offering a dual-title Ph.D. degree within the College of Liberal Arts and Sciences that recognizes doctoral study in Gerontology and three selected social science disciplines at the University of Kansas. The Gerontology Ph.D. degree and the traditional disciplinary-based doctoral degrees (Communication Studies, Psychology, and Sociology) are already separately approved degree programs by the Kansas Board of Regents.

The dual-title degree will enable students at KU to meet the challenge of undertaking graduate education in the emerging, interdisciplinary field of Gerontology combined with training in established, traditional disciplines. This design will be advantageous for the recruitment of talented graduate students, the depth and breadth of graduate training, and the graduates' subsequent opportunities for securing employment. The dual-title degree allows the pursuit of a single degree that incorporates study within a traditional discipline and in an interdisciplinary field of study; the student is awarded one degree (Ph.D.) with both titles identified on the diploma ("Ph.D. in Psychology and Gerontology"). The specific dual-titles to be acknowledged are listed below, along with their corresponding CIP codes.

Communication Studies and Gerontology (CIP 09.0101)
Psychology and Gerontology (CIP 42.0101)
Sociology and Gerontology (CIP 45.1101)

University of Kansas Program Request Change the Name of a Department

Gary Alexander, Vice President for Academic Affairs
Kansas Board of Regents

Dear Gary,

On behalf of the University of Kansas, I request approval of the proposed recommendation from the College of Liberal Arts and Sciences to rename the Department of Public Administration as the School of Public Affairs and Administration. As such, it would be a school embedded within the College of Liberal Arts and Sciences. The change of status will acknowledge this unit's stature as a comprehensive unit and as one that is competitive among the top ten public administration programs in the United States. It is the only public administration program within the top twenty programs nationally without a school designation. We believe designating school status will enhance recruiting and fundraising prospects significantly. No additional funds are required.

Attached please find a letter of support from the dean of the College of Liberal Arts and Sciences, which provides additional detail if desired. I hope that you will find that the request is in order so that the proposal can be submitted to COCAO at its April meeting. My understanding is that this proposal requires the approval of COCAO, and the President/CEO of the Board of Regents.

23 February 2011

Barbara Romzek, Interim Senior Vice Provost for Academic Affairs
Office of the Provost
University of Kansas

Dear Barbara,

I am writing to recommend that the Department of Public Administration become the School of Public Affairs and Administration. This will be a school embedded within the College of Liberal Arts and Sciences. This recommendation comes forward with full support of faculty in the unit and it has my strongest endorsement. The proposal responds to recommendations from an external review conducted by leaders in the field who recognize the stature of this department and believe that this change will further strengthen this already outstanding unit.

The Department of Public Administration has been consistently ranked as one of the premiere programs in the United States. Since 1998, the *U.S. News and World Report* has ranked the Master of Public Administration degree (MPA) in city management as first in the nation. Overall, the department is currently ranked alongside the University of Michigan at position number seven in overall program rankings. Among the top twenty public administration programs in the United States, this is the only one without a school or college designation. This status places the program at a reputational disadvantage, which affects grant competitiveness, student recruitment, and faculty recruitment and retention.

The change of status from “department” to “school” reflects the reality of a full-service research and teaching enterprise in public administration that is already operating like a “school” at present. In addition to the MPA, the unit offers baccalaureate and doctoral degrees; it oversees professional education opportunities through the Public Management Center; and it maintains extensive connections with professional communities and provides service to assist in city management throughout the state of Kansas, the United States, and abroad. The change of status will acknowledge this unit’s stature as a comprehensive unit. Because the unit is already functioning as described here, this change does not require additional funds.

Office of the Dean

Strong Hall | 1450 Jayhawk Blvd., Room 200 | Lawrence, KS 66045-7535 | (785) 864-3661 | Fax (785) 864-5331 | www.clas.ku.edu

The change of name from "public administration" to "public affairs and administration" reflects the legacy of training committed professional administrators for city and county management ("public administration") as well as the academic fields such as policy and accountability ("public affairs") recognized by academia and external funding agencies.

I seek approval to implement this change effective with the start of FY 2012 for all budget-related purposes and effective with the start of the Fall 2011 semester for all academic purposes. The names of the degrees currently offered will not change. The title of department "chairperson" will become school "director." If approved, I will work with appropriate units at the University of Kansas to implement this change and ensure that this change in status strengthens the academic unit as well as the College of Liberal Arts and Sciences.

Sincerely,

A handwritten signature in black ink, appearing to read "Danny Anderson", with a long horizontal flourish extending to the right.

Danny Anderson
Dean



March 28, 2011

Allen Rawitch, PhD
Vice Chancellor for Academic Affairs and Dean of Graduate Studies
The University of Kansas Medical Center
3901 Rainbow Blvd, MS 1040
Kansas City, KS 66160

Dear Dr. Rawitch:

This letter is to inform you of our intent to change the name of the University of Kansas School of Allied Health to the University of Kansas School of Health Professions. The request originated in 2010 with a recommendation by student representatives from the School. At a Student Governing Council meeting with Chancellor Bernadette Gray-Little and other members of the University of Kansas Medical Center (KUMC) executive team, the students suggested that we consider changing the name of the School of Allied Health (SAH) to better reflect the nature of the academic, clinical and research programs of the School. Additionally, the students noted that many similar schools across the nation have moved away from the name "allied health," stating that this term does not have significant meaning to the general public and is not aligned with many health professions accrediting and licensing bodies.

The Schools of Allied Health and Nursing were established in 1974 in a reorganization of the academic departments of the University of Kansas Medical Center. These two Schools, along with the School of Medicine and the Office of Graduate Studies, became the College of Health Sciences of the University of Kansas. During the past 37 years, the name of the School of Allied Health has remained the same, although departments have been added and/or discontinued. Recruitment of students to the KU School of Allied Health has always been more difficult than recruitment to either the School of Medicine or the School of Nursing, partially due to public unfamiliarity with the meaning of the name Allied Health.

During the past six months, department Chairpersons, faculty members and the support staff approved changing the name of the School of Allied Health, endorsing the students' desire to create a contemporary and better understood identity for this accomplished institution of the University of Kansas. The faculty governance entity for the School of Allied Health, the School's Alumni Board, and senior executive leadership at KUMC also have endorsed this name change.

Therefore, in conjunction with the allied health faculty, we request approval to change the name of the University of Kansas School of Allied Health to the University of Kansas School of Health Professions. This name is consistent with other peer institutions, including the Wichita State University School of Health Professions. This spring 2011, the KU School of Allied Health has 580 students in nine clinical health professions departments and grants over 20 different academic degrees from the baccalaureate through the doctor of philosophy. In addition, there are three clinical doctorate degrees and several post-graduate certificate professional programs.

Four programs are listed among the top 25 of like institutions in *U.S. News and World Report* and three are among the top 10 schools in the nation. Faculty members are active in research endeavors, with the School historically ranking among the top 20 schools of this type in National Institutes of Health and private foundation funding for research.

Upon approval of the name change to the University of Kansas School of Health Professions, we intend to announce an official date for initiation of the new name. Plans will be made to change campus signage, professional identification and create the school-specific University of Kansas logo. New business materials such as letterhead will be phased in to minimize costs for this change, allowing everyone involved with the school to utilize paper and other products already purchased before ordering business items under the new name. We will officially notify all local, regional, national and international entities interacting with the school and its faculty and staff in a timely manner. This will include professional and clinical organizations, academic accrediting and licensing bodies, alumni of the school, donors and supporters.

We would be pleased to respond to any inquiries that the Council of Chief Academic Officers or the Board of Regents may have. We appreciate your strong support of the KU School of Allied Health in the past and look forward to your approval and support of the newly named, University of Kansas School of Health Professions.

Sincerely,



Karen L. Miller, PhD
Sr. Vice Chancellor for Academic and Student Affairs
Dean, University of Kansas School of Allied Health



Barbara Atkinson, MD
Executive Vice Chancellor, KUMC
Executive Dean, University of Kansas School of Medicine

cc: Bernadette Gray-Little, PhD
Chancellor

Jeffrey Vitter, PhD
Executive Vice Chancellor
Provost, Lawrence Campus

*The Full Proposal is Available Online***Request Approval for a Bachelor of Science in Engineering Technology, General (CIP 15.0000)
Wichita State University (FIRST READING)****Summary and Recommendation**

Universities may apply for approval of new academic programs following the guidelines of Appendix G in the Kansas Board of Regents Policies and Procedures Manual. Wichita State University of Kansas has submitted an application for approval of a Bachelor of Science in Engineering Technology General (CIP 15.0000). The proposing academic unit has responded to all of the requirements of the program approval process. Two institutions have programs utilizing this Classification of Instructional Program (CIP) code. The program will be funded through internal reallocation. 03/30/11

Background

<u>Criteria</u>	<u>Program Summary</u>
1. Program Identification	CIP 2000 Classification: 15.0000 – Engineering Technology, General. A program that generally prepares individuals to apply basic engineering principles and technical skills in support of engineers engaged in a wide variety of projects. Includes instruction in various engineering support functions for research, production, and operations, and applications to specific engineering specialties (moved from 15.1101).
2. Academic Unit	College of Engineering
3. Program Description	B.S. Engineering Technology with degree options in Renewable Energy Technology, Aircraft Maintenance Technology, Engineering Technology Management and Mechatronics Technology.
4. Demand/ Need for the Program	<p>Often referred to and regarded as the Air Capital of the World, Wichita is the global leader of aerospace manufacturing and design. According to a Milken Institute study, Wichita has the highest concentration of aerospace manufacturing employment and skills in the nation. Aerospace is the engine that generates new wealth and job creation in the local, regional, and state economies. Due to significant growth in defense-related aircraft orders, Wichita's ranking in the Milken's Institute 2010 Best-Performing Cities Index, 200 Metropolitan Cities, continues to climb, jumping one-hundred seventeen spots, from 189th in 2006 to 72nd in 2010 (http://bestcities.milkeninstitute.org/bestcities2010.taf?rankyear=2010&type=rank200).</p> <p>In discussions with local aviation industry representatives, it was voiced that employees who hold an associate's degree or FAA A/P certificate may desire to advance in their careers but have minimal educational options available in the Wichita metropolitan area to do so. With the absence of advanced technology degree programs, employees and students may refrain from further education, pursue online degree options, transfer to a college outside of Wichita, or pursue degree programs that will not contribute to addressing the skilled workforce shortage.</p> <p>According to the Kansas, Inc. Kansas Aerospace Industry Forecast "Kansas aerospace relies primarily on commercial aviation parts manufacturing, defense aerospace manufacturing, avionics manufacturing, and general aviation manufacturing, as well as</p>

	<p>a significant number of suppliers to all of the industry sub-sectors. The companies include many familiar names such as Spirit AeroSystems, Boeing Integrated Defense Systems, Garmin International, Honeywell, Raytheon (Hawker Beechcraft), Bombardier-Learjet and Cessna.”</p> <p>For 2008, 27 percent of this workforce was eligible for retirement and over the next five years, 40 percent are eligible (http://www.sedgwickcounty.org/workforce_development/). Therefore, in order for Kansas’ aviation industry to remain globally competitive, it is imperative that the community (and WSU) provide a skilled and accessible workforce.</p>
<p>5.Comparative /Locational Advantage</p>	<p>For nearly 90 years, aircraft and aircraft components have been built with Wichita expertise and craftsmanship and offers one of the largest aerospace labor pools and supplier networks in the world. Wichita is also home to an Airbus Engineering Design Center. “In 2005, Wichita companies delivered 55% of all general aviation aircraft built in the United States, and accounted for 44% of global general aviation deliveries. Located in Wichita is some of the most specialized equipment in the world for metal and composite material fabrication. Decades of aircraft production have built a comprehensive network of over 200 precision machine shops, tool & die shops and other aerospace subcontract manufacturers (www.gwedc.org).”</p> <p>“There are more than 40 Boeing-certified gold and silver suppliers within a 200-mile radius. Those leading edge suppliers include Spirit AeroSystems, the world’s largest independent producer of commercial Aircraft Structures and Systems. Wichita firms either directly manufacture, or provide critical components for, over half of all general aviation, commercial and military aircraft. Wichita’s history in aviation has positioned its state and federal elected officials well to protect and advance critical legislation (www.gwedc.org).”</p> <p>Of the 283.4 thousand employed in Wichita, over 31 thousand (11 percent) are employed in the manufacturing or engineering industry (Wichita Business Journal, September 17, 2010, pp. 8, 15, and 17). Kansas’ 10th place ranking in <i>Forbes</i> new “Best States for Business” list and the No. 11 ranking in “CNBC’s annual ‘America’s Top States for Business’ report,” makes Wichita a very attractive environment for business development and future job growth (www.KansasCommerce.com).</p> <p>Nationally, the American Society of Engineering Education (ASEE) reported during the Fall 2009, there were 25,349 students enrolled in 92 colleges/universities granting bachelor’s of science degrees in engineering technology. From this number, 11 institutions were ABET-TAC accredited engineering technology B.S.E.T. programs located in the Midwest region that includes Kansas, Missouri, Nebraska, and Illinois; 20 within the South Central region, Arkansas, Louisiana, Oklahoma, and Texas; and four within the West Central region, Colorado and Idaho.</p> <p>Student enrollment at Pittsburg State University and Kansas State University engineering technology programs averaged 73.5 students (FTE) for the Fall 2007; this is compared with a national average of 264 students per year (ASEE). Based upon Wichita’s strong aerospace presence and labor force, WSU forecasts enrollment of 75</p>

	<p>students per year following the three year program initiation. This will equate to approximately 2,250 credit hours per year.</p> <p>Wichita State University is a relatively small research intensive university. One advantage associated with small organizations is flexibility. This flexibility will help ensure the success of the interdisciplinary approach to the development of course and laboratory materials, team teaching of courses, and administration of the program. Wichita State University's metropolitan location provides many opportunities to interact with aviation, manufacturing, healthcare, renewable energy, and many other related industries.</p> <p>Student diversity plays a critical role in WSU's College of Engineering. For example, out of 179 students graduating from WSU's CoE in 2009, 29 (16 percent) were women and 52 (29 percent) were foreign nationals (Profiles of Engineering and Engineering Technology Colleges, ASEE 2009 Edition). With the CoE's addition of the Director of Programs to Broaden Participation in Engineering, enrollment of women, foreign students, and non-Caucasian ethnic groups is anticipated to further increase. The ASEE's Profiles of Engineering and Engineering Technology Colleges, 2009 Edition, reports the total percentage of B.S.E.T. degrees awarded to women in 2009 was 9.4 percent, with an additional 29.5 percent awarded to various non-Caucasian graduates of both genders.</p>
6. Curriculum	<p>The 128 (minimum) hour Bachelor's of Science in Engineering Technology program will offer students four different degree options from which they could choose:</p> <ul style="list-style-type: none"> • Renewable Energy Technology • Aircraft Maintenance Technology • Engineering Technology Management • Mechatronics Technology <p>Each option would adhere to the Kansas Board of Regents, WSU, and Accrediting Board for Engineering Technologies – Technology Accreditation Commission (ABET-TAC) criteria.</p>
7. Faculty Profile	<p>Over 80 percent of Wichita State University's faculty possess a Ph.D. in their field of specialty and have teaching and research capabilities in subjects related to the Engineering Technology curriculum within WSU's ABET accredited College of Engineering degree programs and the AACSB accredited W. Frank Barton School of Business. In adhering to ABET-TAC criteria, all faculty, adjuncts included, will be expected to have industry experience as well. All graduate students will be expected to have a minimum of a master's degree, or a bachelor's degree with a minimum of three years of industry experience.</p> <p>The expertise of faculty from the colleges of Engineering and Business will be synergetic to develop and offer basic and core interdisciplinary courses and technical electives.</p>
8. Student Profile	<p>WSU's CoE requested disaggregated student profile data on all students for the 2007-8, Academic Year (Summer, Fall, Spring). Students enrolled in Aerospace , <i>Aerostructures Airframe Mechanic/Aircraft Maintenance Technology, Drafting and</i></p>

	<p><i>Design Technology, Electrical Engineering Technology, Machine Shop Technology, Machine Tool Technology, Mechanical Engineering Technology, Mechatronics, and Pre-engineering</i> related programs at Butler Community College, Cowley Community College (CCC), Hutchinson Community College and Wichita Area Technical College (WATC). With the exception of CCC, all schools volunteered to provide the requested information. However, aggregated CCC student profile data was obtained from the National Center for Education Statistics (NCES) web site.</p> <p>For the 2007-2008 academic year, approximately 1,108 students were enrolled in one of the aforementioned technology programs; 637 were enrolled full-time with an average age of 27.8 and average GPA of 2.97. Of these, 531 were completers, with 502 graduating from WATC. Due to new program start ups, WATC was unable to provide complete data for students enrolled in Composites, Aerostructures, Airframe Mechanic, and Aircraft Maintenance Technology.</p>
<p>9. Academic Support</p>	<p>“Special courses are offered to assist student in transitioning to the university. These courses focus on the necessary academic and life management skills to be successful in college to prepare for lifelong learning and career development. To maximize their potential for success, all freshmen are encouraged to take the Introduction to the University course which is offered in several colleges. WSU’s research shows students completing this course persist at the rate of 12 percent higher than those who do not take such courses. Graduation rates are also higher for students who enroll in these courses (Undergraduate Catalog, WSU, 2008-09).”</p>
<p>10. Facilities and Equipment</p>	<p>To supplement classroom theory in ergonomics, manufacturing engineering, and computer analysis, the CoE facilities include an Engineering Graphics Lab, Metrology Lab, Cessna Manufacturing Processes Lab, Ergonomics/Human Factors Lab, Composites Manufacturing Lab, Advanced Manufacturing Process Lab, Rapid Prototyping Lab, Virtual Reality Development Lab, and Open Computing Lab.</p> <p>Additionally, in partnership with Wichita Area Technical College, Wichita State University and its National Institute for Aviation Research (NIAR), Sedgwick County completed the building of the National Center for Aviation Training (NCAT) to meet the aviation manufacturing workforce demand for world class training. The Center consists of three buildings: Advanced Manufacturing Technology Center (80,948 sq. ft.), the Aviation Service Center (96,243 sq. ft.) and an Assessment and Administration Center (30,435 sq. ft.) for admissions, student services and employment placement. It is assumed that NCAT will be the main laboratory facility supporting this program and that the current agreement between WSU and Sedgwick County will allow for the use of such facility with no additional cost to WSU CoE.</p>
<p>11. Program Review, Assessment, Accreditation</p>	<p>The Engineering Technology program will abide by the program review, assessment, and accreditation procedures and criteria established by the Higher Learning Commission (HLC), Kansas Board of Regents (KBOR), and the Accreditation Board of Engineering Technology-Technology Accreditation Commission (ABET-TAC), and the other six CoE accredited programs to receive accreditation in the year 2013. This date is one (1) year following the year of the program’s first graduates and it coincides with the next cycle of ABET review for the other six (6) CoE programs.</p>

<p>12. Costs, Financing</p>	<p>Equipment Initial Investment: \$155,000</p> <p>Personnel</p> <ul style="list-style-type: none"> • Director of Engineering Technology and faculty: \$77,500 (includes fringe benefits) • One administrative specialist – will provide administrative support for the Director of Engineering Technology: \$40,000 (includes fringe benefits) • Faculty to be added in the third year: \$77,500 (includes fringe benefits) • Adjunct faculty salaries: \$100,000 <p>OOE</p> <ul style="list-style-type: none"> • Operating Expenses: \$20,000 <p>ABET-TAC Fees Approximately \$9,630, plus an annual maintenance fee of \$475.</p>
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Curriculum of Proposed Program

Proposed Engineering Technology Program in the College of Engineering

The proposed Engineering Technology program includes various hands-on laboratory classes that focus on current issues in the application of engineering principles, preparing students for practical design and production work, rather than for jobs that require more theoretical and scientific knowledge.

Main Features of the 128-Minimum-Credit Engineering Technology Undergraduate Program Curriculum

- 64 transferable credits from a community college or technical school including the following:
 - 6 credits of English Composition
 - 3 credits of Public Speaking
 - 6 credits of Math above Pre-Calculus and Trigonometry
 - 3 credits of Fine Arts
 - 6 credits of Humanities
 - 6 credits of Social/Behavioral Science
 - 3 credits of Natural Science
 - 6 credits of Fine Arts, Humanities, Social/Behavioral Science, or Mathematics and Natural Sciences
 - 18 credits of general elective courses that enable a student to graduate with a broad background in engineering technology with a focus in one of four areas of emphasis: Aircraft Maintenance Technology, Engineering Technology Management, Mechatronics Technology, or Renewable Energy Technology.
- 28 credits of core Engineering Technology courses
- 39 minimum credits of major requirements

A listing of courses in each of the four areas of emphasis follows, and a detailed curriculum by semesters is provided in Table 3. Courses indicated with XXX are new courses.

CURRICULUM OUTLINE
NEW DEGREE PROPOSALS
Kansas Board of Regents

- I. Identify the new degree: B.S. Engineering Technology – *Aircraft Maintenance Technology*
 II. Provide courses required for each student in the major:

	Course Name and Number	Credit Hours
Core Courses:	CS 211 Problem Solving and Programming in C	4
	ENGT XX2 Applied Mechanics: Statics and Dynamics	3
	ENGT 3XX Introduction to Engineering Technology	3
	ENGT 4X1 Senior Project I	3
	ENGT 4X2 Senior Project II	3
	IME 222 Engineering Graphics	3
	IME 254 Engineering Probability and Statistics I	3
	IME 255 Engineering Economy	3
	IME 258 Manufacturing Methods and Materials I	3
Major Requirements:	ENGL 210 Composition: Business, Professional, and Technical Writing	3
	ENGT XX6 Maintenance Regulations and Practices	2
	ENGT XX7 Aircraft Engines	3
	ENGT XX9 Industrial Controls and Instrumentation	3
	ENGT X12 Aerodynamics and Performance	2
	ENGT X13 Introduction to Strength and Mechanics of Materials	3
	ENGT X14 Avionics Systems	3
	ENGT X15 Aircraft Structures and Systems	3
	ENGT X16 Aircraft Damage Analysis and Repair	3
	ENGT X17 Non-Destructive Testing	3
	ENGT X21 Material Applications in Engineering	3
	ENGT X22 Material Applications in Engineering Lab	1
	ENGT X23 Aviation Safety and Security	2
	ENGT X24 Aircraft Fatigue and Fracture Mechanics	3
	ENGT X25 Aircraft Reliability, Maintainability, and Supportability	3
	ENGT X26 Aircraft Propulsion Systems	2
	ENGT 2XX Circuits Technology	4
	PHIL 385 Engineering Ethics	3
	Total	77

CURRICULUM OUTLINE
NEW DEGREE PROPOSALS
Kansas Board of Regents

- I. Identify the new degree: B.S. Engineering Technology – *Engineering Technology Management*
- II. Provide courses required for each student in the major:

	Course Name and Number	Credit Hours
Core Courses:	CS 211 Problem Solving and Programming in C	4
	ENGT XX2 Applied Mechanics: Statics and Dynamics	3
	ENGT 3XX Introduction to Engineering Technology	3
	ENGT 4X1 Senior Project I	3
	ENGT 4X2 Senior Project II	3
	IME 222 Engineering Graphics	3
	IME 254 Engineering Probability and Statistics I	3
	IME 255 Engineering Economy	3
	IME 258 Manufacturing Methods and Materials I	3
Major Requirements:	ACCT 210 Financial Accounting	3
	ACCT 220 Managerial Acctg.	3
	BLAW 431 Legal Environment of Business	3
	ECON 202 Principles of Microeconomics	3
	ENGL 210 Composition: Business, Professional, and Technical Writing	3
	ENGR 301 The Engineer as Leader	3
	ENGT XX4 Engineering Technology Management	3
	ENGT XX5 Analysis of Decision Processes in Technology	3
	FIN 340 Financial Management I	3
	IB 333 International Business	3
	MGMT 360 Management and Organizational Behavior	3
	MKT 300 Marketing	3
	PHIL 385 Engineering Ethics	3
	Total	67

CURRICULUM OUTLINE
NEW DEGREE PROPOSALS
Kansas Board of Regents

- I. Identify the new degree: B.S. Engineering Technology – ***Mechatronics Technology***
- II. Provide courses required for each student in the major:

	Course Name and Number	Credit Hours
Core Courses:	CS 211 Problem Solving and Programming in C	4
	ENGT XX2 Applied Mechanics: Statics and Dynamics	3
	ENGT 3XX Introduction to Engineering Technology	3
	ENGT 4X1 Senior Project I	3
	ENGT 4X2 Senior Project II	3
	IME 222 Engineering Graphics	3
	IME 254 Engineering Probability and Statistics I	3
	IME 255 Engineering Economy	3
	IME 258 Manufacturing Methods and Materials I	3
Major Requirements:	ECE 194 Introduction to Digital Design	4
	ECE 238 Assembly Language Programming for Engineers	3
	ECE 394 Introduction to Computer Architecture	3
	ENGL 210 Composition: Business, Professional, and Technical Writing	3
	ENGT XX8 Machine Elements	3
	ENGT XX9 Industrial Controls and Instrumentation	3
	ENGT X10 Robotics Technology	3
	ENGT X11 Microcomputer-Based Mechanical Systems	3
	ENGT X13 Introduction to Strength and Mechanics of Materials	3
	ENGT X18 Introduction to Fluids	3
	ENGT 2XX Circuits Technology	4
	ENGT 4XX Electrical Power and Machinery	4
	PHIL 385 Engineering Ethics	3
	Total	70

CURRICULUM OUTLINE
NEW DEGREE PROPOSALS
Kansas Board of Regents

- I. Identify the new degree: B.S. Engineering Technology – *Renewable Energy Technology*
- II. Provide courses required for each student in the major:

	Course Name and Number	Credit Hours
Core Courses:	CS 211 Problem Solving and Programming in C	4
	ENGT XX2 Applied Mechanics: Statics and Dynamics	3
	ENGT 3XX Introduction to Engineering Technology	3
	ENGT 4X1 Senior Project I	3
	ENGT 4X2 Senior Project II	3
	IME 222 Engineering Graphics	3
	IME 254 Engineering Probability and Statistics I	3
	IME 255 Engineering Economy	3
	IME 258 Manufacturing Methods and Materials I	3
	Major Requirements:	ENGL 210 Composition: Business, Professional, and Technical Writing
ENGT XX1 Renewable/Sustainable Engineering Technology— Project Course		
ENGT X18 Introduction to Fluids		3
ENGT X1X Solar Engineering		3
ENGT X2X Fluid Power Technology		3
ENGT X3X Renewable Energy Management		3
ENGT 2XX Circuits Technology		3
ENGT 4XX Electrical Power and Machinery		4
ENGT 46X Applied Fluid Mechanics		3
ENGT 47X Renewable Energy Technology		3
ENGT 48X Energy, the Environment, and Sustainability		3
ENGT 49X Sustainable Power Generation		3
ENGT 50X Sustainable Heating, Ventilating, and Air Conditioning (HVAC)		3
ME 398 Thermodynamics I		3
ME 469 Energy Conversion		3
PHIL 385 Engineering Ethics	3	
Total	77	

IMPLEMENTATION YEAR FY 2011/2012

Fiscal Summary for Proposed Academic Programs

Institution: Wichita State University Proposed Program: BS in Engineering Technology

Part I. Anticipated Enrollment	Implementation Year		Year 2		Year 3	
	Full-Time	Part-Time	Full-Time	Part-Time	Full-Time	Part-Time
A. Full-time, Part-time Headcount:	25	10	50	15	75	20
B. Total SCH taken by all students in program	870		1680		2490	
Part II. Program Cost Projection						
A. In <u>implementation</u> year one, list all identifiable General Use costs to the academic unit(s) and how they will be funded. In subsequent years, please include only the additional amount budgeted.						
	Implementation Year	Year 2		Year 3		
<u>Equipment</u>	\$155,000	—		—		
<u>Base Budget</u> Salaries	\$217,500*	--		\$77,500*		
OOE	\$20,000 \$10,105 (ABET)	\$800 \$475 (ABET maintenance)		\$832		
Total	\$402,605	\$1,275		\$78,332		

*Includes fringe benefits

Funding of the Program will come from internal reallocation, with additional support from Spirit Aerosystems, Boeing, Hawker-Beechcraft, Cessna, and Garmin Industries to fund equipment and faculty salaries for the first three years.

Revised: September, 2003

Approved: _____

A full proposal is available as a PDF document

Request Approval for a Ph.D. in Journalism and Mass Communication (CIP 09.0102) University of Kansas (FIRST READING)

Summary and Recommendation

Universities may apply for approval of new academic programs following the guidelines of Appendix G in the Kansas Board of Regents Policies and Procedures Manual. The University of Kansas has submitted an application for approval of a Ph.D. in Journalism and Mass Communication (CIP 09.0102). The proposing academic unit has responded to all of the requirements of the program approval process. One institution has a undergraduate program utilizing this Classification of Instructional Program (CIP) code. The program will be funded through internal reallocation. 04/08/11

Background

<u>Criteria</u>	<u>Program Summary</u>
1. Program Identification	Doctor of Philosophy in Journalism and Mass Communication CIP 09.0102
2. Academic Unit	William Allen White School of Journalism & Mass Communications
3. Program Description	<p>This new PhD program focuses on emerging “new” media, such as newspapers going online, television outlets using the Web, radio stations streaming programming world wide. Changing media lead to changing roles of journalists and other media practitioners. The public adopts new reading, viewing and listening habits. Businesses must adapt their business models or face bankruptcy.</p> <p>This forward-thinking PhD program will explore how the public, the journalists and the businesses they work for adapt and build new media.</p> <p>Students will examine fundamental questions of how new media form, evolve and function in society. For instance, a student may ask, “What business models succeeded or failed in previous mass media technologies,” or “How do emerging media establish roles in society?”</p>
4. Demand/Need for the Program	There were over 140 posted jobs for PhD’s in Mass Communications with an emphasis in new media/technology from November 2008 through November 2009. We believe there were approximately 50 PhD graduates during that time suitable for those positions.
5. Comparative /Locational Advantage	There are no PhD programs in Journalism & Mass Communications in Kansas. There are no PhD programs in the region as highly focused on media technology, media and society,

	and business aspects of media.
6. Curriculum	<p>We propose a four-year degree program consisting of 55 hours of coursework, a comprehensive exam and oral defense, and a substantive dissertation with an oral defense. Twelve hours of coursework will be in a concentration in a unit outside of the School. The curriculum also includes core courses in grantwriting and developing as a faculty member.</p> <p>The students also will complete all University requirements for the PhD.</p>
7. Faculty Profile	The School has 14 faculty members holding the PhD, is searching for two more, and has one full professor holding the JD. These faculty members represent 16.5 FTEs.
8. Student Profile	<p>Students will have a Master's degree in Journalism, Mass Communication or a related field. They will demonstrate an interest in technology, media and society, and business aspects of the industry. They will be interested in careers in academe or the highest levels of the industry.</p> <p>Students will meet the University's entrance requirements, including high scores on appropriate elements of the GRE, excellent references from academics, a minimum GPA of 3.0 as an undergraduate and graduate student and a clear, concise, meaningful statement of purpose. Those whose native language is not English must achieve an appropriate score on the TOEFL.</p>
9. Academic Support	The School's Associate Dean for Graduate Studies (ADGS) will advise incoming students. The School has sufficient faculty and staff to support the tightly focused program.
10. Facilities and Equipment	Current facilities and equipment are adequate to support the program.
11. Program Review, Assessment, Accreditation	The PhD program will be reviewed through the University's periodic BOR program review, through annual review by the School's dean and faculty, and through accreditation review by the discipline's accrediting body (The Accrediting Council for Education in Journalism & Mass Communication, ACEMJC). The School has just completed BOR review and ACEMJC review. The new PhD program will be reviewed in the next cycle of the BOR and ACEMJC process.
12. Costs, Financing	No new financing required.

**CURRICULUM OUTLINE
NEW DEGREE PROPOSALS
Kansas Board of Regents**

I. Identify the new degree:

PhD in Journalism and Mass Communication

II. Provide courses required for each student in the major:

Course Name & Number	Credit Hours
Core Courses Students take the following. They select either J-803 or J-804. They select one theory/method course from concentration.	
JOUR 618 First Amendment/Media Law	3 3
JOUR 750 Financial Management and Media	3 6
JOUR 803 Mass Media and Society	3 9
JOUR 800 Proseminar: Introduction to Doctoral Education	1 10
JOUR 801 Mass Communication Theory	3 13
JOUR 802 MC Methodology I – (Survey of Methodology)	3 16
JOUR 803 MC Methodology II – (Quantitative Methodology) OR	3 19
JOUR 804 MC Methodology II – (Qualitative Methodology)	3
PRE 902 Research Methodology in Education (or another T/M course in student’s concentration)	3 22
JOUR 805 Communication Technology & Society	3 25
JOUR 806 Entrepreneurship and the Media	3 28
JOUR 82X Advanced Mass Communication Ethics & Legal Issues	3 31
GS 720 Grants Development and Administration	3 34
SPED 982 Preparing Future Faculty	3 37
Electives Students select 9 hours of J-electives, such as the following or other J-840 seminars.	
JOUR 84X News and Information Industries: History & Future	3 40
JOUR 84X Strategic Communication Industry: History & Future	3 43
JOUR 84X New Media & the Future of Mass Communication	3 46
JOUR 84X International Communication Issues	3
Concentration Students select 9 hours of coursework in one unit outside the J-School. (For example:)	
HSES 828 Sport Finance	3 49
HSES 830 Socio-cultural Dimensions of Sport	3 52
HSES 831 Ethics in the Sport Industry	3 55
Research The student completes 9-18 hours of dissertation research	
JOUR 89X Dissertation Research	Variable
Practica None required	
Total	55 + Diss.

Implementation Year FY 2012

Fiscal Summary for the Proposed Academic Program

Proposed Program: PhD in Journalism and Mass Communication Institution: University of Kansas - Lawrence

Part I. Anticipated Enrollment							
		Implementation Year		Year 2		Year 3	
		Full-Time	Part-Time	Full-Time	Part-Time	Full-Time	Part-Time
A. Headcount		6	0	12	0	18	0
B. Total SCH taken by all students in the program		72		144		216	
Part II. Program Cost Projection							
A. In the <u>implementation</u> year, list all identifiable General Use costs to the academic unit(s) and how they will be funded.							
In subsequent years, please include only the additional amount budgeted.							
		Implementation Year		Year 2		Year 3	
		<u>Base Budget</u>					
		Salaries	0	0	0	0	0
		OOE	0	0	0	0	0
		Total	0	0	0	0	0

Indicate source and amount of funds if **other than** internal reallocation:

All funds come from internal reallocation.

Approved: _____

Kansas State University Dropping Two Associate Degrees

COLLEGE OF ARTS AND SCIENCES

COURSE AND CURRICULUM CHANGES

Amended and approved at the College faculty meeting

February 4, 2010
Kedzie 106

4:00 p.m.

Undergraduate/Graduate
Non-Expedited

Contact Person: Joe Aistrup
532-6900 e-mail:
jaistrup@ksu.edu

Units outside the college, which may be directly
impacted by these changes are:

Please provide the sponsors of a proposal change with any information regarding fiscal or
programmatic impact on your department, program or students

Arts and Sciences Dean's Office

Drop: Associate of Science for Military Personnel

60 hours including the following general requirements:
English — ENGL 100 and 200
Speech — SPCH 105 (or one course), courses subject to approval by Department of Speech Communication, Theatre, and Dance
Humanities and social sciences — seven courses, taken from at least two departments, including one course in philosophy, from: anthropology, art, dance, economics, English, geography (excluding GEOG 220 and 221), history, modern languages, music, philosophy, political science, psychology, sociology, social work, speech, mass communications, and Introduction to Women's Studies.
Natural sciences — four courses, including one laboratory course and one course that has a prerequisite in the same department: biology, biochemistry, chemistry, computer science, geography (GEOG 220 and 221 only), geology, mathematics physics, or statistics.

RATIONALE: This Degree has not been used in the past 10+ years.

IMPACT: None

EFFECTIVE DATE: Fall 2010

DROP: Associate of Arts for Military Personnel

60 hours including the following general requirements:

~~English— ENGL 100 and 200~~

~~Speech— SPCH 105 (or one course), courses subject to approval by Department of Speech Communication, Theatre, and Dance~~

~~Modern Languages— two years in one language or equivalent competence~~

~~Mathematics— one course~~

~~Humanities— three courses from: art, dance, English, history, modern languages, music, philosophy, speech, and Introduction to Women's Studies. No more than three courses in history may be used to fulfill humanities and social science requirements.~~

~~Social sciences— three courses from: anthropology, economics, geography, (excluding GEOG 220 and 221), history, political science, psychology, sociology, social work, mass communications, and Introduction to Women's Studies. No more than three courses in history may be used to fulfill humanities and social sciences requirements.~~

~~Natural sciences— four courses, including one laboratory course and one course that has a prerequisite in the same department: biochemistry, biology, chemistry, computer science, geography (GEOG 220 and 221 only), geology, mathematics, physics, or statistics.~~

RATIONALE: This Degree has not been used in the past 10+ years.

IMPACT: None **EFFECTIVE DATE:** Fall 2010

**Kansas State University New Minor
Department of Mechanical and Nuclear Engineering
Approved 11-4-10**

ADD: Nuclear Engineering Minor Curriculum Sequence (15 credits required)

Take one introductory course (3 credits total)

NE 495. Elements of Nuclear Engineering (3 credits)

Survey of nuclear engineering concepts and applications.

Nuclear reactions, radioactivity, radiation interaction with matter, reactor physics, risk and dose assessment, applications in medicine, industry, agriculture, and research. Prerequisites: PHYS 213. Engineering Physics I and MATH 221. Analytic Geometry and Calculus II (or the equivalents).

Choose 2 of the following 3 core courses (6 credits total):

NE 612. Principles of Radiation Detection (3 credits)*

Operating principles and general properties of devices used in the detection and characterization of ionizing radiation. Fundamental methods of data interpretation and presentation. Prerequisite: NE 495. Elements of Nuclear Engineering (or the equivalent).

NE 630. Nuclear Reactor Theory (3 credits)

Theory of neutron diffusion and thermalization with application to steady-state nuclear reactors. Prerequisites: MATH 240. Elementary Differential Equations and NE 495. Elements of Nuclear Engineering (or the equivalents).

NE 690. Radiation Protection and Shielding (3 credits)

Basic concepts of radiation protection, doses, associated risks, and exposure limits. Properties of natural and other radiation sources, and evaluation of internal and external doses. Techniques for shield design including ray, point kernel, and transport theories for both neutrons and gamma rays. Prerequisite: NE 495. Elements of Nuclear Engineering (or the equivalent).

Choose 6 credits of nuclear engineering electives:

(Courses taken as part of the core listed above cannot be taken as electives.)

NE 250. Reactor Operations Laboratory (2 credits)*

NE 612. Principles of Radiation Detection (3 credits)*

NE 620. Problems in Nuclear Engineering (variable)

NE 630. Nuclear Reactor Theory (3 credits) NE 648. Nuclear Reactor Laboratory (3 credits)*

NE 690. Radiation Protection and Shielding (3 credits)

NE 761. Radiation Measurement Systems (3 credits)

NE 799. Special Topics in Monte Carlo Methods (3 credits)

NE 799. Special Topics in Radiation Applications (3 credits)

* Laboratory courses require two weeks spent on-campus to conduct laboratory experiments; reports can be submitted after the on-campus term.

Admission Criteria

The Minor in Nuclear Engineering is available to any K-State undergraduate student, undergraduate students in any ABET accredited engineering program, and to graduates of any ABET accredited engineering program, subject to the following criteria:

- Students must submit a Minor Application Form to the KSU Mechanical and Nuclear Engineering Department; this would preferably occur prior to or within the first year of Minor coursework.
- The application must be approved by three Nuclear Engineering faculty members in order for the student to be eligible to receive the Minor in Nuclear Engineering.
- Undergraduate students must have a cumulative GPA of 2.3 or higher.
- Graduates of an ABET accredited engineering program must have attained a cumulative GPA of 2.3 or higher.

Minor Completion Requirements

In order to obtain a Minor in Nuclear Engineering, students must:

- Complete the required courses with a grade of C or better.
- Take at least nine credit hours from KSU (any transferred credits must be from an ABET accredited engineering program).
- Earn a minimum cumulative 2.3 GPA for the courses applied to the Minor.

Rationale: Our nation is experiencing resurgence in societal interest in nuclear power as a means to address the country's energy needs and combat problems commonly associated with widespread usage of fossil fuels. As a result of this and other factors, many employers are making plans to significantly increase the number of engineers they employ or hire that have an understanding of nuclear engineering. A Minor in Nuclear Engineering from Kansas State University will both allow students to acquire a formal background in nuclear engineering subjects and fulfill a societal need for engineers with nuclear engineering experience.

Impact: Students pursuing a B.S. in Mechanical Engineering at Kansas State University (KSU) have the opportunity to earn a degree Option in Nuclear Engineering by successfully completing a particular course sequence as part of their major course of study. This proposed Minor will address the needs of other engineering students at KSU or elsewhere who are not pursuing the nuclear degree Option and of students who already have a B.S degree in engineering but have little or no nuclear coursework and currently do not have a way to earn an undergraduate credential in Nuclear Engineering. By addressing a new audience, the proposed Minor does not overlap with any other programs in Kansas. The key impacts affect students who will enjoy the opportunity to secure a Minor in this area. The minor will serve as an introduction to nuclear engineering, which might entice students to pursue graduate studies in nuclear engineering at KSU. Because the program will be drawing from courses that are already offered, there will be little need for additional resources for development. Program administration will require faculty and staff time for program admissions, advising, and assessment.

Effective: Fall 2011

Minor in Nuclear Engineering
Plan for Assessment of Student Learning
Kansas State University

Instructions:

This template is a suggested guideline for creating three-year plans to assess degree-level student learning outcomes. The order and format of the information does *not* need to follow the template exactly, however the four key sets of questions (D1-D4) do need to be addressed in the three-year assessment plan.

If your program has been successfully accredited within the last four years (2000-2001 academic year or after), and if your accreditation report includes sections that specifically address the information requested in questions 2 – 4 below, then you may attach those relevant sections in lieu of providing separate responses to these questions. Please attach only the relevant sections and be sure to indicate which section(s) of the accreditation report addresses each of the questions 2 – 4. Alternatively, you may cut and paste into the template information from your accreditation reports(s) that answers these questions.

Assessment information/data needs to actually be collected within the three-year span (2007, 2008, and 2009) covered by this first round of the assessment plans. Since not all of the accrediting agencies have incorporated assessment of student learning within their approval policies, only certain sections of your reports may be applicable.

If you have any questions, please contact the Office of Assessment at assessment@ksu.edu or 532-5712.

Pittsburg State University Adding Emphasis
PROPOSAL FOR CONCENTRATION

Kansas Board of Regents

APPLICATION FOR APPROVAL OF CONCENTRATION

Pittsburg State University
(NAME OF INSTITUTION)

1701 S. Broadway Pittsburg, KS 66762
(ADDRESS)

620-235-4113
(TELEPHONE)

Concentration within Major:


- Construction Technical Emphasis
- Electronics Technical Emphasis
- Manufacturing Technical Emphasis
- Mechanical Technical Emphasis
- Plastics Technical Empahsis

Master of Engineering Technology (CIP: 15.0000)
(Title and CIP)

New

Derived from Existing Program

March 2011
(DATE SUBMITTED)


(Signature of Vice-President/or Provost)

PROPOSAL FOR CONCENTRATION
Kansas Board of Regents
Submitted by Pittsburg State University
College of Technology
Division of Continuing and Graduate Studies

I. Indicate major in which concentration will be located:

Master of Engineering Technology

II. Give the name and describe the purpose of the proposed concentration:

Name: Construction

Description of Purpose: The proposed emphasis area in Construction will provide a clearly defined group of courses in support of the core courses within the Masters of ET.

III. Provide curriculum for the major and indicate courses required for each concentration:

Master of Engineering Technology

Name of Major

Course Name & Number

Credit Hours

Core Courses:	<u>ETECH 804 Quality Mgmt and Control</u>	<u>3</u>
	<u>ETECH 805 Current Issues in Eng. Tech</u>	<u>3</u>
	<u>ETECH 807 Systems Eng and Analysis</u>	<u>3</u>
	<u>ETECH 809 Eng Project Mgmt</u>	<u>3</u>
	<u>ETECH 810 Collaborative Projects</u>	<u>3</u>
	<u>ETECH 831 Value Engineering</u>	<u>3</u>
Electives: (1 required)	<u>ETECH 852 Integrated Design and Mfg</u>	<u>3</u>
	<u>ETECH 899 Quantitative Decision Making</u>	<u>3</u>
Research:	_____	_____
Practica:	_____	_____
Total:	<u>21</u>	

Construction

(Name of Concentration)

Course Name & Number

Credit Hours

Concentration:	<u>CMCET 833 Estimating & Bidding Strategy</u>	<u>3</u>
	<u>CMCET 834 Adv Construction Management</u>	<u>3</u>
	<u>CMCET 836 Virtual Design and Construction</u>	<u>3</u>
	<u>Approved Elective</u>	<u>3</u>
	Total:	<u>33</u>

Note: By Board of Regents definition concentrations are established within existing programs and are:

1. 24 hours or less at the undergraduate level
2. 12 hours or less at the master's level
3. 18 hours or less at the doctoral level

IV. Faculty resources:

A. Number of FTE faculty who teach in the major, including all concentrations: # 10

B. Rank of faculty: Instr. 1; Asst. Prof. 3; Assoc. Prof. 1; Prof. 5; GTAs _____.

C. Preparation of faculty: Indicate level of degrees: Bach. _____; Masters 6; Doctors 4.

D. Explain other instructional responsibilities of faculty. (e.g. list service courses in school or for other schools/majors): Faculty is expected to support College of Technology bachelors programs to consummate required teaching load.

PROPOSAL FOR CONCENTRATION
Kansas Board of Regents
Submitted by Pittsburg State University
College of Technology
Division of Continuing and Graduate Studies

I. Indicate major in which concentration will be located:

Master of Engineering Technology

II. Give the name and describe the purpose of the proposed concentration:

Name: Electronics

Description of Purpose: The proposed emphasis area in Electronics will provide a clearly defined group of courses in support of the core courses within the Masters of ET.

III. Provide curriculum for the major and indicate courses required for each concentration:

Master of Engineering Technology

Name of Major		
Course Name & Number	Credit Hours	
Core Courses:	<u>ETECH 804 Quality Mgmt and Control</u>	<u>3</u>
	<u>ETECH 805 Current Issues in Eng. Tech</u>	<u>3</u>
	<u>ETECH 807 Systems Eng and Analysis</u>	<u>3</u>
	<u>ETECH 809 Eng Project Mgmt</u>	<u>3</u>
	<u>ETECH 810 Collaborative Projects</u>	<u>3</u>
	<u>ETECH 831 Value Engineering</u>	<u>3</u>
Electives: (1 required)	<u>ETECH 852 Integrated Design and Mfg.</u>	<u>3</u>
	<u>ETECH 899 Quantitative Decision Making</u>	<u>3</u>
Research:	_____	_____
Practica:	_____	_____
Total:	<u>21</u>	

Electronics

(Name of Concentration)

Course Name & Number	Credit Hours	
Concentration:	<u>EET 845 Adv Microprocessor System Apps</u>	<u>3</u>
	<u>EET 842 Programmable Logic Devices</u>	<u>3</u>
	<u>EET 843 Adv Engr Electromagnetics</u>	<u>3</u>
	<u>Approved Elective</u>	<u>3</u>
	Total: <u>33</u>	

Note: By Board of Regents definition concentrations are established within existing programs and are:

1. 24 hours or less at the undergraduate level
2. 12 hours or less at the master's level
3. 18 hours or less at the doctoral level

IV. Faculty resources:

A. Number of FTE faculty who teach in the major, including all concentrations: # 10

B. Rank of faculty: Instr. 1; Asst. Prof. 3; Assoc. Prof. 1; Prof. 5; GTAs _____.

C. Preparation of faculty: Indicate level of degrees: Bach. _____; Masters 6; Doctors 4.

D. Explain other instructional responsibilities of faculty. (e.g. list service courses in school or for other schools/majors): Faculty is expected to support College of Technology bachelors programs to consummate required teaching load.

PROPOSAL FOR CONCENTRATION
Kansas Board of Regents
Submitted by Pittsburg State University
College of Technology
Division of Continuing and Graduate Studies

- I. Indicate major in which concentration will be located: Master of Engineering Technology
- II. Give the name and describe the purpose of the proposed concentration: Name: Manufacturing

Description of Purpose: The proposed emphasis area in Manufacturing will provide a clearly defined group of courses in support of the core courses within the Masters of ET.

- III. Provide curriculum for the major and indicate courses required for each concentration:

Master of Engineering Technology

Name of Major	Course Name & Number	Credit Hours
Core Courses:	<u>ETECH 804 Quality Mgmt and Control</u>	<u>3</u>
	<u>ETECH 805 Current Issues in Eng. Tech</u>	<u>3</u>
	<u>ETECH 807 Systems Eng and Analysis</u>	<u>3</u>
	<u>ETECH 809 Eng Project Mgmt</u>	<u>3</u>
	<u>ETECH 810 Collaborative Projects</u>	<u>3</u>
	<u>ETECH 831 Value Engineering</u>	<u>3</u>
Electives: (1 required)	<u>ETECH 852 Integrated Design and Mfg Concepts</u>	<u>3</u>
	<u>ETECH 899 Quantitative Decision Making</u>	<u>3</u>
Research:	_____	_____
Practica:	_____	_____
	Total:	<u>21</u>

Manufacturing

(Name of Concentration)

Concentration:	Course Name & Number	Credit Hours
	<u>ETECH 852 Integrated Design & Mfg</u>	<u>3</u>
	<u>ETECH 880 Adv Engineering Materials</u>	<u>3</u>
	<u>ETECH 888 Design of Experiments</u>	<u>3</u>
	<u>Approved Elective</u>	<u>3</u>
	Total:	<u>33</u>

Note: By Board of Regents definition concentrations are established within existing programs and are:

1. 24 hours or less at the undergraduate level
2. 12 hours or less at the master's level
3. 18 hours or less at the doctoral level

- IV. Faculty resources:

A. Number of FTE faculty who teach in the major, including all concentrations: # 10

B. Rank of faculty: Instr. 1; Asst. Prof. 3; Assoc. Prof. 1; Prof. 5; GTAs _____.

C. Preparation of faculty: Indicate level of degrees: Bach. _____; Masters 6; Doctors 4.

D. Explain other instructional responsibilities of faculty. (e.g. list service courses in school or for other schools/majors): Faculty is expected to support College of Technology bachelors programs to consummate required teaching load.

PROPOSAL FOR CONCENTRATION
Kansas Board of Regents
 Submitted by Pittsburg State University
 College of Technology
 Division of Continuing and Graduate Studies

I. Indicate major in which concentration will be located: Master of Engineering Technology

II. Give the name and describe the purpose of the proposed concentration: Name: Mechanical

Description of Purpose: The proposed emphasis area in Mechanical will provide a clearly defined group of courses in support of the core courses within the Masters of ET.

III. Provide curriculum for the major and indicate courses required for each concentration:

Master of Engineering Technology

Name of Major

	Course Name & Number	Credit Hours
Core Courses:	<u>ETECH 804 Quality Mgmt and Control</u>	<u>3</u>
	<u>ETECH 805 Current Issues in Eng. Tech</u>	<u>3</u>
	<u>ETECH 807 Systems Eng and Analysis</u>	<u>3</u>
	<u>ETECH 809 Eng Project Mgmt</u>	<u>3</u>
	<u>ETECH 810 Collaborative Projects</u>	<u>3</u>
	<u>ETECH 831 Value Engineering</u>	<u>3</u>
Electives: (1 required)	<u>ETECH 852 Integrated Design and Mfg Concepts</u>	<u>3</u>
	<u>ETECH 899 Quantitative Decision Making</u>	<u>3</u>
Research:	_____	_____
Practica:	_____	_____
	Total:	<u>21</u>

Mechanical

(Name of Concentration)

	Course Name & Number	Credit Hours
Concentration:	<u>ETECH 852 Integrated Design & Mfg</u>	<u>3</u>
	<u>MECET 861 Mechanics of Compos & Struc</u>	<u>3</u>
	<u>MECET 862 Alternative Energy Concepts</u>	<u>3</u>
	<u>Approved Elective</u>	<u>3</u>
	Total:	<u>33</u>

Note: By Board of Regents definition concentrations are established within existing programs and are:

1. 24 hours or less at the undergraduate level
2. 12 hours or less at the master's level
3. 18 hours or less at the doctoral level

IV. Faculty resources:

A. Number of FTE faculty who teach in the major, including all concentrations: # 10

B. Rank of faculty: Instr. 1; Asst. Prof. 3; Assoc. Prof. 1; Prof. 5;

GTAs _____.

C. Preparation of faculty: Indicate level of degrees: Bach. _____; Masters 6; Doctors 4.

D. Explain other instructional responsibilities of faculty. (e.g. list service courses in school or for other schools/majors): Faculty is expected to support College of Technology bachelors programs to consummate required teaching load.

PROPOSAL FOR CONCENTRATION
Kansas Board of Regents
 Submitted by Pittsburg State University
 College of Technology
 Division of Continuing and Graduate Studies

I. Indicate major in which concentration will be located: Master of Engineering Technology

II. Give the name and describe the purpose of the proposed concentration: Name: Plastics

Description of Purpose: The proposed emphasis area in Plastics will provide a clearly defined group of courses in support of the core courses within the Masters of ET.

III. Provide curriculum for the major and indicate courses required for each concentration:

Master of Engineering Technology

Name of Major

Core Courses:	Course Name & Number	Credit Hours
	<u>ETECH 804 Quality Mgmt and Control</u>	<u>3</u>
	<u>ETECH 805 Current Issues in Eng. Tech</u>	<u>3</u>
	<u>ETECH 807 Systems Eng and Analysis</u>	<u>3</u>
	<u>ETECH 809 Eng Project Mgmt</u>	<u>3</u>
	<u>ETECH 810 Collaborative Projects</u>	<u>3</u>
	<u>ETECH 831 Value Engineering</u>	<u>3</u>
Electives: (1 required)	<u>ETECH 852 Integrated Design and Mfg.</u>	<u>3</u>
	<u>ETECH 899 Quantitative Decision Making</u>	<u>3</u>
Research:	_____	_____
Practica:	_____	_____
	Total:	<u>21</u>

Plastics

(Name of Concentration)

Concentration:	Course Name & Number	Credit Hours
	<u>PET 884 Elastomeric Materials</u>	<u>3</u>
	<u>PET 885 Composite Materials & Testing</u>	<u>3</u>
	<u>ETECH 888 Design of Experiments</u>	<u>3</u>
	<u>Approved Elective</u>	<u>3</u>
	Total:	<u>33</u>

Note: By Board of Regents definition concentrations are established within existing programs and are:

1. 24 hours or less at the undergraduate level
2. 12 hours or less at the master's level
3. 18 hours or less at the doctoral level

IV. Faculty resources:

A. Number of FTE faculty who teach in the major, including all concentrations: # 10

B. Rank of faculty: Instr. 1; Asst. Prof. 3; Assoc. Prof. 1; Prof. 5;

GTAs _____.

C. Preparation of faculty: Indicate level of degrees: Bach. _____; Masters 6; Doctors 4.

D. Explain other instructional responsibilities of faculty. (e.g. list service courses in school or for other schools/majors): Faculty is expected to support College of Technology bachelors programs to consummate required teaching load.

Emporia State University – New Concentrations



EMPORIA STATE UNIVERSITY™

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620-341-5686 fax
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OFFICE OF THE PROVOST/VICE PRESIDENT FOR
ACADEMIC AFFAIRS AND STUDENT LIFE
Campus Box 4045

March 15, 2011

RECEIVED
MAR 17 2011
KS BOARD OF REGENTS

TO: Dr. Gary Alexander
FROM: Dr. Tes Mehring
Provost/VPAA and Student Life
RE: New Concentrations Added

Emporia State University has added two concentrations within the Ph.D. in Library and Information Management – Instructional Design Technology and Information Systems. We offer degree programs in both concentrations. Please add this to the COCAO agenda as an information item.

Thanks.

Tes Mehring