

AGENDA ITEM VIII B 1 a
PROPOSED NEW ACADEMIC PROGRAM
LOUISIANA TECH UNIVERSITY
GRADUATE CERTIFICATE in CYBER EDUCATION

BACKGROUND INFORMATION

Louisiana Tech University (LA Tech) requests Board of Regents' approval to offer a Graduate Certificate (GC) in Cyber Education. The proposal was approved by the University of Louisiana System at their meeting in September 2016.

STAFF SUMMARY

1. Description & Need

Louisiana Tech requests approval to offer a Graduate Certificate in Cyber Education. The proposed 12-hour graduate certificate program will target K-12 teachers who desire to: become leaders at their school in the field of STEM, cyber, and computer science; enhance or develop their school's programs; engage students in new and innovative learning strategies, curricula, and programs; and connect students with the cyber jobs of today and tomorrow. The certificate program is composed of four graduate level courses: EDUC 506 - History of STEM and Cyber Education; EDUC 507 - Cyber-Related Instruction for STEM; EDUC 508 - Cyber Literacy; and EDUC 509 - STEM Instruction for Cyber Learning. Courses required of the proposed GC are already offered by LA Tech as part of the University's existing Master of Education in Curriculum and Instruction.

The proposed graduate certificate provides a unique opportunity for K-12 teachers to gain knowledge and skills related to computer and cyber-related sciences that may be transferred to their students. Drawing on the success of LA Tech's partnership with the Cyber Innovation Center (located in Bossier City), this program aims to empower educators to transform their classrooms into a 21st century learning environment. The cyber-technology education courses, with content aligned to computer science competencies, will address this growing need while the proposed certificate provides an additional incentive for teachers to enroll in and complete the entire sequence. Although the College of Education at Louisiana Tech offers many unique professional development experiences as a means to learn the pedagogy and content of cyber education, most do not lead to university credit. The proposed Cyber Education certificate program will provide a pathway for teachers to enroll, earn university credit, and complete a certificate program that may be used toward the Masters⁺30 or as a concentration within the MEd / Curriculum and Instruction degree program.

2. Students

There is considerable student interest in the establishment of the proposed GC. In the initial offering of one of the cyber-technology education courses, more than 25 teachers from three different states registered within one week of the course announcement. Currently there is a waiting list of teachers interested in the course sequence and the possibility of it culminating in a graduate-level Cyber Education certificate.

4. Faculty Resources and Administration

Courses will be co-taught by the College of Education STEM faculty, adjunct faculty, and qualified industry partners working directly in the field of cyber-technology and cyber-technology education to ensure authenticity and applicability of the proposed coursework. The courses will be offered on-line, providing unique networking opportunities for students.

5. Budget

Because the four courses required of the proposed GC are already offered as part of the University's existing Master of Education in Curriculum and Instruction, the projected costs to implement the program

are minimal. Adjunct faculty and qualified industry partners may be needed as the proposed program experiences growth. Projected revenue in the first year of implementation is approximately \$45K, expected to increase to approximately \$75K by Year 4.

STAFF ANALYSIS

A Graduate Certificate in the Cyber Education for K-12 teachers will provide a pathway for educators with current teacher certification to obtain additional training in Cyber Education. The curriculum consists of courses currently taught at Louisiana Tech, so no additional resources are required for immediate implementation.

STAFF RECOMMENDATION

The Senior Staff recommend that the Board of Regents grant approval of the Graduate Certificate in Cyber Education (CIP 13.1321) at Louisiana Tech University.

AGENDA ITEM VIII B 2 a
REQUEST FOR CONTINUED AUTHORIZATION OF A RESEARCH UNIT
MCNEESE STATE UNIVERSITY
CENTER for ADVANCEMENT of MEAT PRODUCTION and PROCESSING

BACKGROUND INFORMATION

McNeese State University requests continued approval of the Center for Advancement of Meat Production and Processing. The Center was conditionally approved in December 2011, with full (3-year) approval granted in January 2013. Basic operations began in March 2012, with community outreach activities commencing shortly thereafter.

STAFF SUMMARY

1. Description and Need

The mission of the Center for Advancement of Meat Production and Processing (CAMPP) is to conduct applied research and provide education and outreach for students and professionals in agriculture. The University's farm and feedstock operation supports the Center's research objectives in animal science, harvesting and production as well as the Center's objectives for creating activities to provide hands-on learning for meat production and processing. With the current livestock resources in Southwest Louisiana and the tradition of agriculture as a way of life, tremendous opportunity exists for applied research and training of workers for the meat processing and food service industry.

The facility is currently the only Federally Inspected Meat Harvest Facility in the state of Louisiana. Over the past three years, CAMPP has processed more than 6,000 red meat animals. In alignment with the unit's objective to foster education, applied research, and economic development, CAMPP has become integrated into the SWLA region as a resource for education, professional development, and extension activities. Its operations continue to evolve and generate positive public response and regional impact.

2. Activities

Since Center operations began in 2012, but particularly in the last three years, critical assets CAMPP brings to the region include:

1. *Support of current educational activities associated with the Harold & Pearl Dripps School of Agricultural Sciences.* Each semester, students enrolled in any of eight courses ranging from *Livestock Judging* to *Field Experience in Nutrition* use the CAMPP facility for hands-on training and lab activities. In addition, several receive training to work in the US industry. Including internships at Tyson foods, Pilgrims, Smithfield and JBS.
2. *Collaboration with Sowela TCC.* The University and Center continue to work toward development of programs to provide workforce training in the meat processing field. Work toward creating partnerships was recently renewed.
3. *Community outreach.* CAMPP has become the 'go to' source for information and education on meat harvesting and processing, hosting visitors from across Louisiana that are interested in learning more about how meat is produced. MSU also hosts field days and training for professional and community groups. In 2013 the Center partnered with the Iberia Cattleman's Association, Iberia 4-H, and the junior livestock association to hold the carcass competition for the annual baby beef contest.
4. *High school collaboration and education.* CAMPP personnel and MSU agriculture faculty provide training for students preparing for meats evaluation teams for national and state meat judging competitions at the CAMPP facility. These FFA events draw more than 1200 high school students to learn about meat identification, and meat judging and grading.
5. *Marketing products.* A new store front on McNeese campus provides jobs for 1-2 students and

markets CAMPP products to faculty, students and the community. In Fall 2014 four Ag-Business students developed a marketing and promotion plan. CAMPP participated in *Rouge et Blanc*, a cultural wine and food event, and served over 1,500 food samples to potential customers and supporters.

6. *Research.* Ongoing research projects at the plant include: bacteria testing of beef, lamb and pork; the effect of lairage time and location on meat quality; temperature and wool growth on meat quality and consumer perception of meat processing. Data from these projects have been presented by faculty and students at national meetings, including the American Meat Science Association Reciprocal Meat Conference, International Food & Technology Conference, and the International Congress of Meat and Technology.

3. Resources and Administration

The administration of the Center is managed by the Head of Agricultural Sciences with a manager and an assistant manager who are responsible for research, education and day-to-day operations of CAMPP. In addition, five undergraduate and graduate students work an average of 30 hours per week throughout the year in support of Center operations. The Center is housed in the meat processing facility which is located on 16 acres of land in Iowa, Jeff Davis Parish, LA. The facility has equipment and facilities to accommodate researchers and personnel.

4. Budget

Funding for Center activities is derived from institutional resources and custom processing: the university's \$87.5K investment of operating and foundation funds leads to projected revenue of \$210K in custom processing, which cover the \$145.9K cost to support its operations. The final cost to maintain the Center's education, training and service benefits to the campus and regional community (including student jobs) is \$23.4K per year.

STAFF ANALYSIS

CAMPP supports education initiatives and workforce development in agriculture and food science related professions and is a valuable addition to the community. The potential for the growth and positive partnerships are gaining momentum as the faculty operations continue to be implemented. With an established vision and sufficient funding in place to support the Center's functions, this initiative should continue to benefit many entities while playing a key role in economic development.

STAFF RECOMMENDATION

The Senior Staff recommend that the Board of Regents approve continued authorization of the Center for Advancement of Meat Production and Processing (CAMPP) at McNeese State University. By January 1, 2020, the University shall submit a request for reauthorization of the Center.

AGENDA ITEM VIII B 2 b i
ROUTINE ACADEMIC REQUESTS
Staff Approvals

Institution	Request
LSUE	Request to offer the CTS / Medical Coding & Billing (CIP 510713) through 100% Online instruction – <u>Approved</u> .
ULM	Request to move Gerontology programs (MA, PBC) and associated faculty from the School of Health & Professions in the College of Health Sciences & Pharmaceutical Sciences to the School of Behavioral & Social Sciences in the College of Business & Social Sciences – <u>Approved</u> .

AGENDA ITEM VIII B 2 b ii

PROGRESS REPORTS for CONDITIONALLY APPROVED ACADEMIC PROGRAMS & RESEARCH UNITS

Initial Approval	Institution	Staff Analysis	Staff Recommendation for Board Action
08.2007	LSU Alexandria BS, Business Administration (52.0201) Conditional approval was granted in August 2007, for implementation in Fall 2008. The most recent annual progress report was received on 12.16.16.	Program averages 37 graduates per year. In June 2016, the campus was approved for candidacy status for ACBSP accreditation and is progressing with the self-study.	Due to the strength and stability of the program <u>no further reporting is required</u> beyond updates on progress toward accreditation.
06.2010	LSUHSC – NO MPAS, Physician Asst Studies (51.0912) Conditional approval granted in 2010; most recent progress report received on 12.20.2016.	The program has graduated two classes of 29 since its inception, with graduates achieving a 100% pass rate on national licensure exams. The third of three sit visits for initial accreditation by ARC-PA was completed in Oct 2016. Faculty are in place and the program is thriving.	Due to the strength and stability of the program <u>no further reporting is required</u> beyond update on accreditation status.
05.2008	SUNO BS, Mathematics (27.0101) Conditional approval was granted on 05.22.2008 with a progress report requested each year; the most recent report was received on 12.05.16.	The campus reported that there were 54 declared majors in Spring 2016. The number of completers has fluctuated: AY15-16: 10, AY14-15: 2, AY13-14: 8. For the current academic year the campus projects 12 completers. An update was provided on faculty, staff, goals and objectives.	Receive and accept the 2016 progress report. A subsequent report is requested by December 1, 2017.
05.2012	SUSLA CAS, Sterile Processing Technician (51.1012) Conditional approval was granted on 05.23.2012 with a progress report requested each year; the most recent report was received on 12.05.16	The campus reported 6 certificates were awarded in Spring 2016. 11 students were enrolled program in August 2016; they are expected to complete the program in Spring 2017.	Receive and accept the 2016 progress report. A subsequent report is requested by December 1, 2017.

AGENDA ITEM VIII B 2 b iii
LETTERS of INTENT / PROPOSALS in the QUEUE
Forwarded to BoR by Management Boards

REQUEST	CAMPUS	PROGRAM	RECV'D	STATUS
Letters of Intent	ULM	BA - Dance	03.17.16	03.24.16 circulated to CAOs with input requested by 04.22.16. Under staff review, discussion with campus.
	LSUA	BA - Religious Studies	03.24.16	03.24.16 circulated to CAOs with input requested by 04.22.16. Campus is collecting information on student interest.
	GSU	BA – General Studies	10.31.16	11.03.16 circulated to CAOs with input requested by 12.05; Questions sent to the campus on 12.21; awaiting response.
Program Proposals	BRCC	AAS - Midwifery	07.31.15	On hold for discussion with the campus: cost, faculty, licensure, accreditation. Staff will recommend that the campus pull the proposal and consider submitting an update or revision in the future.
	LSU	MS/Agricultural & Extension Education	06.28.16	06.28 – requested prioritized list of recommended external reviewers; list received 08.26; requested additional information 08.29; info received 09.13; campus revising the request to include the PhD as restructuring/ reorganization of existing programs, expected in early 2017.
	SUBR	GC/Supply Chain Mgt & ERO Systems	09.09.16	09.15 – Questions sent to campus; awaiting response.