University Curriculum Committee Report (Meeting November 13, 2023)

Faculty Senate Meeting – February 22, 2024

Old Business

- Survey of Learning Concentration in BS University Studies
  - Changing the name of the concentration from Survey of Education (Non-Licensure) due to the establishment of that concentration within the College of Education.
  - Updating Curriculum to align with the change and to add and remove courses as approved and denied by the appropriate department Chairs.

No Questions just a comment by Dr. Rayburn: acknowledged appreciation of what Dr. Griffy and Dr. Williams have shared with him regarding these concentrations, also appreciative that there would be representative across campus that would be involved in the University College curricular approval process. Motion passed with **one** opposition.

- Survey of Military Operations Concentration in BS University Studies
  - Adding a new concentration in Military Operations to assist the students who transfer to APSU with a substantial number of transfer hours. By creating this concentration, it will assist these students in being eligible to receive financial aid due to the recent changes in funding.

Dr. Rayburn expressed his thanks for the conversation with Dr. Rayburn and Dr. Griffy again expressed they would reach out regarding substitution processing. He still feels they should be handled more like the core substitutions. Motion passed with **one** opposition.

Consent Agenda Items: All items require final approval by the Provost/SVP Academic

#	Action	Description	Implementation Date
1.	Course Number Update	• NSS 2100 – Current and Emerging Threats to US Security o Updating the course number from 3500 to 2100 as the content is more applicable to a lower division course.	Fall 2024
2.	Course Number Update	• NSS 3600 – Global vs. Regional Power Conflicts o This course is being moved from a 2000 level to a 3000-level course as the content is more advanced and better aligned with the 3000 level requirements.	Fall 2024
3.	Course Title Update	• BUS 5910 – Special Topics in Business o Updating the course title from Special Topics in Management to Special Topics in Business. This will assist with the need to open the course up to all business students.	Fall 2024
4.	Course Title Update	• MATH 4320 – Machine Learning II o Updating the course title from Advanced Machine Learning to Machine Learning II. This is to assist with the duplicate title courses and alignment with MATH utilizing "Advanced" in the graduate course titles.	Fall 2024
5.	Course Prerequisite Update	• BUS 5910 – Special Topics in Business o Removing the prerequisite of Permission of Instructor due to the need of opening the course up to all business majors.	Fall 2024
6.	Course Prerequisite Update	• CULA 1310 – Fundamentals of Baking o Adding a necessary prerequisite of CULA 1200 (Sanitation and Food Safety) as this course is needed as a basic preparation course for all other CULA courses taught in the kitchen.	Fall 2024

7.	Course Prerequisite Update	• CULA 1320 – Culinary I (Fundamentals) 　o Adding a necessary prerequisite of CULA 1200 (Sanitation and Food Safety) as this course is needed as a basic preparation course for all other CULA courses taught in the kitchen.	Fall 2024
8.	Course Prerequisite Update	• CULA 1321 – Advanced Baking and Pastry 　o Adding a necessary prerequisite of CULA 1200 (Sanitation and Food Safety) as this course is needed as a basic preparation course for all other CULA courses taught in the kitchen	Fall 2024
9.	Course Prerequisite Update	• CULA 1325 – Culinary II (Fabrication) 　o Adding a necessary prerequisite of CULA 1200 (Sanitation and Food Safety) as this course is needed as a basic preparation course for all other CULA courses taught in the kitchen.	Fall 2024
10.	Course Prerequisite Update	• CULA 1330 – Garde Manger 　o Adding a necessary prerequisite of CULA 1200 (Sanitation and Food Safety) as this course is needed as a basic preparation course for all other CULA courses taught in the kitchen.	Fall 2024
11.	Course Prerequisite Update	• CULA 2250 – Professional Catering 　o Adding a necessary prerequisite of CULA 1200 (Sanitation and Food Safety) as this course is needed as a basic preparation course for all other CULA courses taught in the kitchen.	Fall 2024
12.	Course Prerequisite Update	• CULA 2331 – Cooking for Special Diets 　o Adding a necessary prerequisite of CULA 1200 (Sanitation and Food Safety) as this course is needed as a basic preparation course for all other CULA courses taught in the kitchen.	Fall 2024
13.	Course Prerequisite Update	• CULA 2351 – Plated Desserts and Presentation 　o Adding a necessary prerequisite of CULA 1200 (Sanitation and Food Safety) as this course is needed as a basic preparation course for all other CULA courses taught in the kitchen.	Fall 2024
14.	Course Prerequisite Update	• CULA 2352 – Hot and Cold Desserts 　o Adding a necessary prerequisite of CULA 1200 (Sanitation and Food Safety) as this course is needed as a basic preparation course for all other CULA courses taught in the kitchen.	Fall 2024
15.	Course Prerequisite Update	• CULA 2373 – Gourmet Foods 　o Adding a necessary prerequisite of CULA 1200 (Sanitation and Food Safety) as this course is needed as a basic preparation course for all other CULA courses taught in the kitchen.	Fall 2024
16.	Course Prerequisite Update	• CULA 2376 – International Food 　o Adding a necessary prerequisite of CULA 1200 (Sanitation and Food Safety) as this course is needed as a basic preparation course for all other CULA courses taught in the kitchen.	Fall 2024
17.	Course Prerequisite Update	• CULA 2380 – Culinary Internship 　o Adding a necessary prerequisite of CULA 1200 (Sanitation and Food Safety) as this course is needed as a basic preparation course for all other CULA courses taught in the kitchen.	Fall 2024
18.	Course Prerequisite Update	• CULA 2390 – Culinary Capstone 　o Adding a necessary prerequisite of CULA 1200 (Sanitation and Food Safety) as this course is needed as a basic preparation course for all other CULA courses taught in the kitchen.	Fall 2024
19.	Course Prerequisite Update	• STAT 4170 – Data Visualization and Exploration 　o Updating the prerequisite to MATH 1910 (Calculus I) and instructor permission	Fall 2024
20.	Course Deletions	• MUS 2100 – Music in America 　o This course has not been taught in six years.	Fall 2024
21.	Course Deletions	• MUS 3080 – Music for Elementary Teachers 　o This course has not been taught in six years.	Fall 2024

22.	Course Deletions	• MUS 3515 – Governor's Singers o This course has not been taught in six years.	Fall 2024
23.	Course Description Update	• MATH 4310 – Machine Learning I **Old Description:** This course provides a broad instruction to machine learning and statistical pattern recognition. Topics include: supervised learning (parametric/non-parametric learning, neural networks, support vector machines); unsupervised learning (clustering, dimensionality reduction, deep learning); learning theory and best practices for applying machine learning algorithms to areas including computer vision, text processing, and bioinformatics. **New Description:**This course provides students with skills related to developing machine learning and data science processes, including data preprocessing, feature engineering, supervised learning (parametric/nonparametric, linear and nonlinear models, neural networks), unsupervised learning, model optimization, regularization, and a more formal understanding of how and why they work. Through several "hands-on" projects, students will have an opportunity to experiment with various machine learning models and apply them to real-world data sets.	Fall 2024
24.	Course Description Update	• MATH 5310 – Advanced Machine Learning I **Old Description:**This course provides a broad instruction to machine learning and statistical pattern recognition. Topics include: supervised learning (parametric/non-parametric learning, neural networks, support vector machines); unsupervised learning (clustering, dimensionality reduction, deep learning); learning theory and best practices for applying machine learning algorithms to areas including computer vision, text processing, and bioinformatics. **New Description:**This course provides students with skills related to developing machine learning and data science processes, including data preprocessing, feature engineering, supervised learning (parametric/nonparametric, linear and nonlinear models, neural networks); unsupervised learning, model optimization, regularization, and a more formal understanding of how and why they work. Through several "hands-on" projects, students will have an opportunity to experiment with various machine learning models and apply them to real-world data sets.	Fall 2024
25.	Course Description Update	• STAT 5310 – Advanced Machine Learning I **Old Description:**This course provides a broad instruction to machine learning and statistical pattern recognition. Topics include: supervised learning (parametric/non-parametric learning, neural networks, support vector machines); unsupervised learning (clustering, dimensionality reduction, deep learning); learning theory and best practices for applying machine learning algorithms to areas including computer vision, text processing, and bioinformatics. **New Description:**This course provides students with skills related to developing machine learning and data science processes, including data preprocessing, feature engineering, supervised learning (parametric/nonparametric, linear and nonlinear models, neural networks); unsupervised learning, model optimization, regularization, and a more formal understanding of how and why they work. Through several "hands-on" projects, students will have an opportunity to experiment with various machine learning models and apply them to real-world data sets.	Fall 2024
No comments, questions or request to remove. # 1-25 **Approved unanimously**			

Action Agenda Item: All items require final approval by the Provost/SVP Academic Affairs

College of Arts and Letters

#	Prog/ Dept	Presented by	Action	Description	Implementation Date
1.	Art and Design	McLean Fahnestock	Undergraduate new course	ART 4170 – Video Art III o Advanced projects and individual inquiries in time-based art to further develop conceptual and technical skills in the medium. o All studio area courses are in a sequence of three and this class is essential for BA Studio students who have to complete a series of three courses in the studio area.	Fall 2024
	New course in sequence of courses on video art. This course will round out the sequence of courses, especially for the BA students who need three courses in the studio area to complete their degree. Allows further study before moving into their capstone study. **Passed unanimously.**				
2.	Lang and Literature	Daniel Shea	Undergraduate new course	ENGL 1005 – Critical Reading and Writing at the University o The course develops students' reading and writing skills in preparation for ENGL 1010 and ENGL 2330. Students must achieve a "C" or higher to pass the course and gain exemption from enhanced sections of ENGL 1010 and ENGL 2330. o This course is designed to help prepare Opportunity Admitted students in need of Enhanced Writing and/or Reading.	Fall 2024
	Dr. Griffy explained that one challenge is working with students who have significant challenges in reading and writing. This would assist students who were placed in all three academic deficiencies, so they are able to get through these more efficiently. It impacts the STEM areas heavily for them to have all three and the same with the College of Business. This is going to be one option to assist in solving that problem for those who need more support than others. Dr. Hoon talked about how they would probably need additional tutoring support for some of these students but we need to do something to retain some of these students better. Dr. Cronley is excited about the course for meeting these needs. Dr. Bruster asked if it was a credit bearing course? Yes, it is a credit bearing course. Dr. Bruster expressed this was similar to the HUM 2030 course previously utilized. It was explained there was additional discussion to bring that course back. Dr. Bruster believes this would help out a lot. **Passed unanimously.**				
3.	Lang and Literature	Daniel Shea	Undergraduate prog. modification	English, BA o Updating the program modality to include 100% online offering. o Removing ENGL 3100 (Studies in British Literature I), ENGL 3130 (Studies in British Literature II), and ENGL 3150(Shakespeare) from the upper division major requirements. o Making it an option to complete either ENGL 3010 (Studies in American Literature I) or ENGL 3020 (Studies in American Literature II) and making it an option to complete one of those courses. o Adding option to complete one course from ENGL 3430 (Studies in African American	Fall 2024

				Literature I) or ENGL 3440 (Studies in African American Literature II).	
				o Adding LING 2020 (Dialects in English), LING 4041 (How Words Works), LING 4042 (How Sounds Work), LING 4080 (Theories in Second Language Acquisition) to the LING area.	
				o Changing a complete three electives option to complete five and adding ENGL 3230 (Writing Creative Non-Fiction), LING 4041 (How Words Works), and LING 4042 (How Sounds Work), as additional elective options in this area.	

This is a combination of two previous proposals. They are adding an online option of delivery. This would allow students to take many, most or all courses online and are hopeful this will assist with recruitment. The second change was to the major core requirements. Reducing the overall requirements for the major core and making space for a required Survey in African American Literature course. Hoping this will diversify the curriculum and reducing the major core requirements so they are able to move more quickly to the upper level electives students get excited about.
Questions asked: Are the major hours reduced? Yes
Is the diversity course being removed? It will still be in the major but as an option. **Passed unanimously.**

| 4. | Lang and Literature | Daniel Shea | Undergraduate prog. modification | World Languages, BA
o Updating the major name from Foreign Languages to World Languages to reflect the 21st century nomenclature and best practices. | Fall 2024 |

Changing names to be more reflective of what other colleges are doing.

#1-4 Passed unanimously.

College of Behavioral and Health Sciences					
#	Prog/ Dept	Presented by	Action	Description	Implementation Date
1.	Dept. of Leadership	Kathryn Woods	Graduate Program Modification	Project Management Certificate o Terminating the Program Management Certificate due to low enrollment and the department lacking the credentialed faculty to teach two of the required courses. These courses have been taught by an adjunct, who must be PMP certified, which proves problematic.	Fall 2024

Kathryn Woods – explained they have the proposal to remove the Project Management Certificate. This is based on the department working toward getting rid of content that is not relevant to their core discipline. This is part of that as well as being low enrolled. Additionally, it has been problematic to hire someone to teach in the program.
There are students enrolled. Thinks they will be able to offer Fall 2024 to assist those in graduating. Close it down so no new students are admitted. **# 1 Passed unanimously**.

College of Science, Technology, Engineering, and Mathematics

#	Prog/ Dept	Presented by	Action	Description	Implementation date
1.	Eng. and Tech	Matthew Anderson	Undergraduate New Course	ENGT 3290 – Communication Systems o Overview of Communication Systems, Modulation and Demodulation, Transmitter and Receiver Digital Communication and Internet, Waveguides, Radar, and Fiber optics. o Part of the continuous review and improvement process of ABET to renew and update course offerings for industry standards.	Fall 2024
2.	Eng. and Tech	Matthew Anderson	Undergraduate New Course	ENGT 4840 – Linear Electronics o Linear Electronics circuits and devices; circuits applications; analyzing, and performance modeling of operational amplifiers and other devices. Students will also develop a project proposal for the following Electrical Capstone course. o Part of the continuous review and improvement process of ABET to renew and update course offerings for industry standards.	Fall 2024
3.	Eng. and Tech	Matthew Anderson	Undergraduate New Course	ENGT 4885 – Electrical Capstone o This course includes a culmination project and is a continuation of the work initiated in ENGT 4840 and provides an integrated learning experience for students. Seniors collaborate in teams to solve a real-life problem relevant to an electrical engineering process or system within an industrial context. Emphasis is placed on the design process, the technical aspects of the design, and mapping the proposed design to project completion. o Part of the continuous review and improvement process of ABET to renew and update course offerings for industry standards.	Fall 2024
4.	Eng. and Tech	Matthew Anderson	Undergraduate Program Modification	Manufacturing Engineering Technology Concentration in BS Engineering Technology o Adding ENGT 4210 (Industrial Automated Systems) to the concentration guided electives.	Fall 2024
5.	Eng. and Tech	Matthew Anderson	Undergraduate Program Modification	Mechanical Engineering Technology Concentration in BS Engineering Technology o Removing ENGT 3330 (Hybrid Vehicle Systems), ENGT 3720 (Architectural Design), ENGT 3890 (Mechatronics), and ENGT 4720 (Advanced Computer Aided Design) from the concentration guided electives.	Fall 2024

				o Adding ENGT 4210 (Industrial Automated Systems) to the concentration guided electives	
6.	Eng. and Tech	Matthew Anderson	Undergraduate Program Modification	Electrical Engineering Technology Concentration in BS Engineering Technology o Removing ENGT 3280 (Communication Systems I), ENGT 4220 (Communication Systems II), and ENGT 4250 (Linear Electronics and Capstone Experience) from the upper division concentration requirements. o Adding ENGT 3290 (Communication Systems), ENGT 4840 (Linear Electronics), and ENGT 4885 (Electrical Capstone) to the upper division concentration requirements. o Removing ENGT 4120 (Sensors and Vision Systems) from the concentration guided electives.	Fall 2024
Matthew Anderson grouped 1-3 and 6. They are realigning the concentration, so the courses do not spill into the summer. Created a separate capstone course and combined the communication courses. Added an extra choice for the guided electives. Grouped 4 and 5. They are removing courses not taught and grouping things together to streamline and modify the curriculum. **# 1-6 Passed unanimously**					
7.	Math and Statistics	Ramanjit Sahi	Undergraduate Program Modification	Statistics Concentration in BS Mathematics o Adding MATH 4321 (Introduction to Data Analysis and Programming) as an option to the programming requirement.	Fall 2024
8.	Math and Statistics	Ramanjit Sahi	Undergraduate Program Modification	Data Science Concentration in in BS Mathematics o Moving the option of CSCI 1010/1011 (Intro to Programming I and lab) or CSCI 2000 (Programming for STEM) from concentration requirements to concentration guided electives. o Removing STAT 4290 (Predictive Analytics), STAT 4120 (Regression Analysis), and STAT 4140 (Time Series Analysis) from the concentration requirements. o Changing the elective option from Complete two from MATH or STAT 3000-4999 to complete nine hours from: MATH 3000 (Discrete Mathematics), STAT 3250 (Statistical Methods), STAT 4120 (Intro to Regression Analysis), STAT 4140 (Intro to Time Series Analysis), STAT 4200 (Intro to SAS Programming), STAT 4290 (Intro to Predictive Analytics), CSCI 1010/1011 (Intro to Programming I and Lab), or CSCI 2000 (Programming for STEM).	Fall 2024

Grouped items 7 and 8. Dr. Sahi explained they are adding another option for the programming requirements for students to choose from. Assists the Education major because they have to many courses to take due to the number of requirements they have. Dr. Sahi explained that the Data Science was being streamlined to have more options and could take another major. Moved some courses from required to electives and made the electives more specific so they would be in tune with the actual Data Science requirements so they can retain the students. **#7, 8 Passed unanimously.**

Martha Dickerson Eriksson College of Education

#	Prog/ Dept	Presented by	Action	Description	Implementation date
1.	Department of Teaching and Learning	Benita Bruster	Graduate new certificate	Teaching Licensing Non-Degree Certificate o This certificate is designed to assist those who have a major outside of Education earn a teacher licensure without having to pursue a graduate program. The new certificate assists with the teacher shortages and obtaining a teaching position. Dr. Bruster presented that we have two certificates and one program modification. Certificate for those individuals who have a degree somewhere else. This certificate allows them to get a certificate with just a few courses.	Fall 2024
2.	Department of Teaching and Learning	Benita Bruster	Graduate new certificate	PreK-3 Early Childhood Certificate o This program is designed to allow currently licensed educators to complete the required coursework to add on the Early Childhood Education PreK-3 endorsement to their current teaching license. This certificate enables teachers who are already licensed to add a certificate to their existing license for the Prek-3 Early Childhood program. Good for those in childcare centers who have a degree.	Fall 2024
3.	Department of Teaching and Learning	Benita Bruster	Graduate Program Modification	Grow Your Own Post-Baccalaureate Certificate o Removing EDUC 5620 (EdTPA Seminar) as this is no longer a state requirement for licensure. This is part of the Grown your own program and is removing the EdTPA as the state no longer requires this so they can license teachers quicker.	Fall 2024
#1-3 Passed unanimously					

University College

#	Prog/ Dept	Presented by	Action	Description	Implementation date
1.	University Studies	Loretta Griffy	Undergraduate Program Modification	Culinary Arts Concentration in AAS Professional Services o Removing CULA 1340 (Dining Room Service), CULA 2250 (Professional Catering), CULA 2300 (Food and Beverage Management), and CULA 2375 (Purchasing and Cost Control) from the concentration requirements. o Adding CULA 1310 (Fundamentals of Baking), CULA 2376 (International Food), CULA 2380 (Culinary Internship) and Complete one from CULA 2300 (Food and Beverage Management) or CULA 2375 (Purchasing and Cost Control) to the concentration requirements. o Updating the electives by removing CULA 1310 (Fundamentals of Baking), CULA 2376 (International Food) and adding CULA 1340 (Dining Room Service), CULA 2250 (Professional Catering), and CULA 2390 (Culinary Capstone).	Fall 2024

Dr. Griffy presented that the Culinary Arts concentration is being looked at heavily because they were notified by Institutional Effectiveness they needed to look toward accreditation. Because of that they are looking at their programs, adding prerequisite, adding and removing courses that will assist us with moving toward that accreditation.
 # 1Passed unanimously.