



**Educational Policies Council  
Minutes of the Meeting  
Monday, 27 January 2020**

**Ex-Officio Members present (or represented):** Interim Provost Melody J. Tankersley; Co-Chair Pamela E. Grimm; Deans Sonia A. Alemagno, James L. Blank, Christina L. Bloebaum, Barbara A. Broome, John R. Crawford-Spinelli, James C. Hannon, Mark S. Mistur, Alison J. Smith, Deborah F. Spake, Cynthia R. Stillings, Susan J. Stocker; Associate Deans Cathy L. Dubois (represented by Deborah F. Spake), Joycelyn S. Harrison, Miriam L. Matteson, Babacar M'Baye, Maureen McFarland, Stephen A. Mitchell, William T. Willoughby

**Ex-officio Members not present (or not represented):** Deans Kenneth J. Burhanna, Eboni J. Pringle; Senior Associate Dean Vincent J. Hetherington; Associate Deans Kara L. Robinson, Wendy A. Umberger

**Faculty Senate-Appointed Representatives present (or represented):** Professors Darci L. Kracht, Richard L. Mangrum, Robert J. Twieg, Donald L. White; Associate Professors Jeff Ciesla, Jennifer M. Cunningham

**Faculty Senate-Appointed Representatives not present (or not represented):** Professor Edward Dauterich; Associate Professors Ann Abraham, Helen Piontkivska

**Council Representatives present (or represented):** Professors Michael W. Chunn, Christine A. Hudak, Richard L. Mangrum; Associate Professors Ivan Bernal, Matthew J. Crawford (represented by Mary Ann Haley), Derek Kingsley, Dandan Liu, David B. Robins, Jonathan F. Swoboda; Assistant Professors Brian R. Barber, Sara Bayramzadeh

**Council Representatives not present (or not represented):** Dean Amy L. Reynolds; Associate Professors Thomas W. Brewer, Duane J. Ehredt, Lawrence J. Marks, Denise M. McEnroe-Petitte; Assistant Professor Yvonne M. Smith; Associate Lecturer Mary F. Kutchin

**Observers present:** Morgan Stilgenbauer

**Observers not present:** Drake Wartman

**Consultants and Guests present:** Susan M. Augustine, Arvind Bansal, Michael Beam, Aimee J. Bell, Scott Bogoniewski, Keiran Dunne, Daniel Holm, Antal Jakli, Jennifer S. Kellogg, Javed Khan, Turan Koptur, Sarath Kunda, Ye Lu, Jennifer Mapes, Austin Melton, Anthony Molina, Aaron Mulrooney, Josna Neuman, Christa N. Ord, Matthew Rollyson, Susan Rossi, Phillip Rumrill, Hollie B. Simpson, Elizabeth A. Sinclair, Linnea C. Stafford, Blake Stringer, Therese E. Tillett, Andrew Tonge, Eric Van Baars, Ashley White, Lana K. Whitehead, Catherine M. Zingrone

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Interim Provost Melody J. Tankersley called the meeting to order at 3:25p.m., on Monday, 27 January 2020, in room 306AB of the Kent State Student Center.

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**Joint EPC Action Item I: Minutes of meeting on 18 November 2019.**

Interim Dean Cynthia R. Stillings made a motion to approve, and Professor Michael W. Chunn seconded the motion.

With no questions or comments, the item was approved unanimously.

**Joint EPC Action Item II: Revision of school name, from Digital Sciences to Emerging Media and Technology.**

Associate Professor David B. Robins explained that Digital Sciences went through a change from the summer into the fall. The goal was to align the faculty interests and student outcomes with current jobs. Digital Sciences was not descriptive of the curriculum. It was difficult to explain to potential students and parents. A study done by Edge Adventures educational research company showed that digital sciences was only used by one institution in the United States and that was Kent State. A focus group was conducted of high school students where names were pitched. The students did not know what digital sciences was, but had more of an understanding of emerging media and technology. Associate Professor Robins said that they looked at other programs in the United States and those terms were not uncommon. Renaming the school from Digital Sciences to Emerging Media and Technology more accurately reflects what students learn and what employers now recognize as terminology that aligns with the jobs available in their organizations. This name gives the agility needed to incorporate those types of things into the curriculum without causing confusion.

Dean James L. Blank made a motion to approve, and Dean Barbara A. Broome seconded the motion.

Without questions or concerns, the item passed unanimously.

**Graduate EPC Action Item I: Establishment of the Aerospace Engineering [AERS] major within the Master of Science [MS] and Doctor of Philosophy [PHD] degrees.**

Dean Christina L. Bloebaum stated that they have been working to create a graduate-level M.S. and Ph.D. program in Aerospace Engineering. This will be the first Ph.D. program in the college. The first set of undergraduates are graduating this May in Aerospace Engineering which has been a successful program. Ohio is one of the leading states in the country for aerospace and aviation. Ohio is ranked number eight as a state in contributing to the aerospace field. There is a need for this program since there are only four programs in graduate aerospace engineering. Kent State partners regularly with the Ohio Aerospace Institute which has done a variety of studies showing the need for graduate-level students in aerospace engineering. She said they expect students to come in right after a bachelor's or from another master's program. The master's is 31 credits and the doctorate are 90 credits. The list of faculty includes 15 professors with Ph.D.'s.

An EPC member asked how the credits 60 and 90 compare to the competitors.

Dean Bloebaum replied that it is the same and standard. It was reviewed across the state when establishing the programs. Ohio sets the standards of credits. Other states are 72.

Dean John R. Crawford-Spinelli motioned to approve the item, and Professor Michael W. Chunn seconded.

Without any further questions or comments, the item passed unanimously.

**Graduate EPC Action Item II-IV: Establishment of an Acting for the Returning Professional [ARP] major within the Master of Fine Arts [MFA]; Establishment of a Theatre Design and**

**Technology [TDAT] major within the Master of Fine Arts [MFA] degree; Inactivation of the Theatre Studies [THEA] major within the Master of Fine Arts [MFA] degree.**

Dean John R. Crawford-Spinelli explained that items two-four are interrelated. The establishment of Acting for the Returning Professional and the Theatre Design and Technology majors are not new degrees. They were concentrations prior to this since the mid 1990's. Theatre Studies major split into Acting and Theatre Design and Technology. These proposals inactivate the Theatre Studies major, because these previous concentrations do not share a robust core anymore since their populations are so different. The Acting for the Returning Professional is geared toward those who have significant performing arts careers and who are seeking to improve pedagogy or get a terminal degree in the field. The Theatre Design and Technology degree population is more traditional. Often, students come directly into the Theatre Design program from undergraduate school. Endorsement was given by the accrediting body The National Association of Schools of Theatre. There are no curriculum changes for Acting for the Returning Professional. The minimum hours are still 60. Theatre Design and Technology has established new courses for the program specific to the concentrations, but they are still at a minimum of 60 credit hours for program completion.

Associate Dean William T. Willoughby motioned to approve the item, and Dean Deborah F. Spake seconded.

With no questions or comments, the items were passed unanimously.

**Graduate EPC Action Item V-VI: Revision of name, inactivation of optional concentration and revision of course requirements for the Chemical Physics [CPHY] major within the Master of Science [MS] degree; Revision of name and course requirements for the Chemical Physics [CPHY] major within the Doctor of Philosophy [PHD] degree.**

Dean James L. Blank explained that this program has been called the Chemical Physics Interdisciplinary Program. With the development of advanced materials and the expanding number of faculty participating in research related to materials more broadly focused, not just liquid crystals, the name has been changed to Material Sciences. Faculty will primarily be housed in chemistry, physics and biology. In mathematics, there is a large foundation of mathematical theory in applied mathematics that apply to the types of research performed. Additionally, computer science in terms of modeling. This degree is really focused on the foundation of physics and chemistry. There may be opportunities later for collaborations with the College of Architecture. The name changes reflect the trained faculty which are large in number. The curriculum has been modernized in addition of courses in biology, computer science and math.

An EPC member stated that the changes in the electives to include biology, chemistry, math and physics is a very positive step. The member said they hope there is some reciprocity in which chemistry, biology and physics students can take material science courses and get credit for them as well.

Professor Richard Mangrum motioned to approve the items, and Interim Associate Dean Babacar M'Baye seconded the motion.

With no further comments or questions, the items passed unanimously.

**Graduate EPC Action Item VII: Establishment of a Data Science [DATA] major within the Master of Science [MS] degree.**

Dean James L. Blank stated that data science is an emerging field that is built on foundations of math and computer science and very focused on STEM research. This is a joint proposal for a new major in the M.S. degree that exists in computer science. Its purpose is to focus on developing

scientists who have the quantitative skills to apply new methods to quantitative methods to problems that are principally focused on health, natural sciences and social sciences. The degree has the option of pursuing original research for students who wish to do that at the master's level or who wish to go on to a Ph.D. program. For students to be admitted, they will have either a math or computer science degree. It is focused on attracting students with significant quantitative skills.

Mathematics Chair, Andrew Tonge, explained that 20-30% of the mathematics departments around the country are building data science programs at the undergraduate and graduate level. It is important for Kent State to be in on that group. The jobs are abundant and pay well. It is better for the society and the discipline.

Computer Science Chair, Javed Khan, said that the data science job market is so vast. It can touch almost every discipline. There is hope for very wide engagement. The goal is that almost all other units at Kent may want to contribute and move into a second iteration of this. This is one of the widest collaboration attempts at Kent.

Associate Professor Jeff Ciesla made a motion to approve, and Dean Cindy R. Stillings seconded.

With no questions or comments, the item passed unanimously.

**Graduate EPC Action Item VIII: Establishment of a Business Analytics [C646] graduate certificate, which will be offered fully online and on-ground at the Kent Campus.**

Dean Deborah F. Spake explained that the College of Business already has a M.S. in Business Analytics. This is to establish a graduate certificate, because inquiries are coming in from professionals who want these business analytic skills and may not want to pursue an entire degree. The M.B.A. program and business analytics as a concentration option are currently offered. By adding one more course, this allows students to earn a certificate in business analytics as part of the M.B.A. program. Students do not have to pursue the M.B.A. to earn the certificate. The hope is that professionals would earn this certificate and then be enticed to complete the entire master's degree if they wish.

Associate Professor Dandan Liu motioned to approve the item, and Interim Associate Dean Babacar M'Baye seconded the motion.

**Graduate EPC Action Item IX: Revision of name for the Sport and Recreation Management [SRM] major within the Master of Arts [MA] degree.**

Dean James C. Hannon stated that the proposal is to revise the name from Sport and Recreation Management to Sport Administration.

Associate Dean Stephen A. Mitchell made a motion to approve the item, and Associate Dean William T. Willoughby seconded the motion.

Without questions or comments, the item passed unanimously.

**Graduate EPC Action Item X: Revision of name, admission and course requirements for the Rehabilitation Counseling [RHAB] within the Master of Education [MED] degree.**

Associate Dean Stephen A. Mitchell stated that the proposal has been brought on by accreditation and program alignment with other counseling programs within the college.

Co-Chair Pamela E. Grimm asked if the credit hour change was mandated from the accrediting body.

Dr. Phillip Rumrill replied yes and that all accrediting programs must have 60 credits. The other counseling master's programs within the college are 60 credit hours. All the courses change in title and in number, because of the new accreditation. Three-four courses have been added and a couple merged. Many of the courses will stay the same.

Associate Dean Stephen A. Mitchell motioned to approve the item, and Associate Professor Jeff Ciesla.

With no further comments or questions, the item passed unanimously.

**Graduate EPC Action Item XI: Establishment of an Adult/Adolescent Sexual Assault Nurse Examiner [C647] graduate certificate.**

Dean Barbara A. Broome stated that this is an agreement created between Kent State, Cleveland Clinic and Akron General. It is a 12-credit hour program that also has clinical hours attached. It is important with the statistics showing that 1-3 women and 1-4 men will experience sexual assault. This program would be for registered nurses for specialization, training and preparation in the medical assessment of individuals. It is also considered forensic nursing. Nurses, to become certified, must take a 40-hour course as well as clinical hours and perform several examinations. A review was done in summit county and there are not enough Sexual Assault Nurse Examiners (SANE). The salary for an RN is about \$81,000, so it gives them a little more incentive to go through this program. A needs assessment was conducted of current students who are in the B.S. program and 25 have an interest. Part of the requirements is that they must have two-year's experience. Working with Akron General and Cleveland Clinic provides a great place to develop the skills.

Co-Chair Pamela E. Grimm asked if some of the hospitals in the area could be sending their people to get the training, because they do not have that capacity.

Dean Broome replied yes, because at Akron General and Cleveland Clinic there only five SANE prepared nurses. Hospitals are seeing an enormous number of patients. This will not prepare them for children, but that might be another phase.

Interim Provost Melody J. Tankersley asked if it is correct that there is not a SANE in the immediate area.

Dean Broome said that is correct. It takes a special preparation for someone who has been raped or sexually assaulted. She said she can see the family nurse practioners and psych practioners going into this program.

Professor Christine A. Hudak motioned to approve the item, and Dean Cindy R. Stillings seconded the motion.

With no further comments or questions, the item passed unanimously.

**Undergraduate EPC Action Item I: Designation of Kent Core status to ENVS 22070 Nature and Society (3) in Social Sciences category.**

Dean Alison J. Smith explained that ENVS 22070 Nature and Society will replace GEOG 10160 Introduction to Geography in the Kent Core.

Dean John R. Crawford-Spinelli motioned to approve the item, and Dean James C. Hannon seconded the motion.

With no comments or questions, the item passed unanimously.

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**Undergraduate EPC Action Item II: Establishment of an Aviation Law and Policy [AVLP] minor to be offered at the Kent Campus.**

Professor Richard Mangrum stated that the aviation transportation industry is one of the most regulated and it is expanding at an expeditious rate. Transportation of people and goods is expected to double by 2036 particularly in the goods area. That has placed a significant growth in the industry in all aspects. He said there is a need to provide students with the ability to deep dive into case law, basis for aviation regulation and the regulatory process. This proposal is for a minor that allows students to walk through the entire regulatory process, how to affect regulation, how to be policy makers and is a pre-law type of class. Additionally, an aviation lawyer will teach the course.

Professor Darci L. Kracht motioned to approve, and Dean Mark S. Mistur seconded the motion.

With no comments or questions, the item passed unanimously.

**Undergraduate EPC Action Item III: Establishment of a Cybersecurity Engineering [CYEN] major within the Bachelor of Science [BS] degree.**

Dean Christina L. Bloebaum stated that there has been a cybersecurity committee with representation from across the university that has worked together for much of last semester. Cybersecurity is a huge area that spans more than one college and department. Various things will be coming forward in cybersecurity and all of those have gone through this committee first. The Accreditation Board for Engineering and Technology (ABET) has been implementing a study to determine the kinds of programs needed and what kind of accreditation they should have. They just released cybersecurity as a degree that is very much needed. It is different from what is seen in computer science and business. The accreditation agencies for this degree are the Computing Accreditation Commission and Science Accreditation Board. On the ABET side, the leading professional societies are IEEE (electrical and electronics engineering) and COSI (systems engineering). The cybersecurity engineering degree is a systems degree which really focuses on pulling together the hardware, software, human element all in a systems context and from an engineering context on how to design from the outside and engineer it. She said they worked with computer science in developing this degree. There are five required courses that are computer science. The software side is already being taught by computer science and those courses are being incorporated with current engineering courses. Two new courses are going to be developed for this degree. The program completely conforms to what ABET is wanting and what the industry needs. In terms of what the industry needs, there will be 32% growth in the next 10 years in cybersecurity. This program is 123-credit hours with three new courses. There will be a lot of support from the state of Ohio and beyond.

An EPC member, in relation to the 123-credit hours, asked if programs were supposed to be 120-credit hours.

Dean Bloebaum replied yes, but that they worked with the Provost's Office on that. In the first year, one of the courses is going to be a CCP course—Introduction to Cybersecurity Engineering. Engineering degrees require a certain number of credits in math and physics. By the time those requirements are met, it gives no leeway for other courses. The Provost's office worked with Aeronautics on this given that there is a CCP course and an option for students can self-select what path they are going to take.

Interim Provost Tankersley added that some students will not take the CCP course. Most of the licensure programs exceed the 120 hours. With the accreditation rules, this seemed to fit under the requirement for the accreditation.

Dean Mark S. Mistur made a motion to approve, and Professor Darci L. Kracht seconded.

With no comments or questions, the item passed unanimously.

**Undergraduate EPC Action Item IV: Revision of name and course requirements for the Computer Design, Animation and Game Design [CDAG] major within the Associate of Applied Science [AAS] degree.**

Interim Dean Susan J. Stocker stated that Computer Design, Animation and Game Design major name was revised to Technical Modeling Design. The program hours decreased from 61 to 60.

Associate Professor David B. Robins motioned to approve, and Dean John R. Crawford-Spinelli seconded the motion.

With the questions or comments, the item passed unanimously.

**Undergraduate EPC Action Item V: Inactivation of the Mechanical Engineering Technology [MERT] major within the Associate of Applied Science [AAS] degree at Trumbull Campus.**

Interim Dean Susan J. Stocker explained that they want to inactivate the Mechanical Engineering Technology major on the Trumbull campus. It will still be offered on the Tuscarawas campus.

An EPC member asked the purpose for inactivating the program at the Trumbull campus.

Interim Dean Susan J. Stocker replied that there is a lack of interest and it is very expensive to keep the equipment up to date.

Interim Assistant Dean Josna Neuman added that Youngstown State University is close by and the program is not ABET accredited at Trumbull while Tuscarawas does have the accreditation. Resources are limited and the equipment cannot be updated.

Dean James C. Hannon made a motion to approve, and Associate Professor Jonathan F. Swoboda seconded the motion.

With no further comments or questions, the item passed unanimously.

**Undergraduate EPC Action Item VI: Revision of name, establishment of two concentrations and revision of course requirements for the Modeling, Animation and Game Creation [MAGC] major within the Bachelor of Science [BS] degree.**

Interim Dean Susan J. Stocker stated that the proposal is for two new concentrations and revision of the program name to Animation Game Design. This was required by an accrediting body. The credit hours are unchanged at 120. This is primarily a Tuscarawas degree.

Dean John R. Crawford-Spinelli made a motion to approve the item, and Assistant Professor Brian R. Barber seconded the motion.

With no questions or comments, the item passed unanimously.

**Undergraduate EPC Action Item VII-IX: Establishment of the Earth Science [ESCI] minor to be offered at the Kent and Stark campuses; Establishment of an Environmental Geology [EGEO] minor to be offered at the Kent and Stark campuses; Establishment of a Paleontology [PAL] minor to be offered at the Kent and Stark campuses.**

Geology Chair, Daniel Holm, explained that there is a need for expanding the number of minors with the changes in Geology and it being more interdisciplinary. Approval was sought from

anthropology, geography and biology departments. He said it is time to allow students to discover geology in other areas.

Dean Sonia A. Alemagno motioned to approve, and Associate Professor David B. Robins seconded the motion.

With no questions or comments, the item passed unanimously.

**Undergraduate EPC Action Item X: Revision of name and course requirements for the German Literature, Culture and Translation [GLCT] major within the Bachelor of Art [BA] degree.**

Dean James L. Blank stated that the proposal is to change the name from German Literature, Culture and Translation to German.

Dean Christina L. Bloebaum made a motion to approve the item, and Dean John R. Crawford-Spinelli seconded the motion.

With no questions or comments, the item passed unanimously.

**Undergraduate EPC Action Item XI: Revision of name for the Global Studies [GLST] major within the Bachelor of Science [BS] degree.**

Dean James L. Blank stated that enrollment dropped by 50% when the name of the program was changed from International Relations to Global Studies. Discussions with students and faculty and reviewing enrollment, the college has decided to change the name back to International Relations.

Political Science Interim Chair, Anthony Molina, added that the biggest problem is that admission to the program dropped. Students do not recognize the name.

Associate Professor Jonathan F. Swoboda motioned to approve, and Dean Mark S. Mistur seconded the motion.

With no questions or comments, the item was passed unanimously.

**Undergraduate EPC Action Item XII-XIII: Revision of name, inactivation of all concentrations and substantial revision of course requirements for the Digital Sciences [DS] major within the Bachelor of Science [BS] degree; Establishment of a Web Development [WDEV] minor to be offered at the Kent Campus.**

Associate Professor Michael A. Beam stated that digital sciences is an interdisciplinary school. It was established 8 years ago and 3 years ago it moved into CCI. Over those years, there have been four-joint interdisciplinary hires. That group has done a revision to the curriculum due to technology changing. This process began with a study on other interdisciplinary programs that are similar. An external study by Edge Adventures was conducted which showed that emerging media industries like web application development and other technical applications related to content delivery online were growing industries, especially in the communication and media sectors. This major is focused on competency and technical skills grounded in social science and humanities with an emphasis on interdisciplinary, team-based project learning. The proposed curriculum is aimed to direct students to the existing experts across the university in their chosen interdisciplinary specializations by requiring a minor. This change allows the interdisciplinary partners to flexibly iterate their curriculum over time while allowing students to engage in their program. The current list includes curriculum from each of the interdisciplinary partner colleges. He said they plan to continually work with partners to keep the list updated. If students want a minor that is not on the list, they can work with advisors to make sure that it is appropriate and can get approval. The curriculum that has been



developed over the past 6-8 months was developed with a lot of meetings and feedback from all the interdisciplinary partners that participated with digital sciences. This includes meetings with representatives from Business Administration, Computer Science, Education, Health and Human Services, Applied and Technical Studies, Aeronautics and Engineering and CCI schools. As well as an interdisciplinary advisory curriculum committee with faculty across the university. These discussions also highlighted a need for a web development minor that would be available to majors outside digital sciences. That minor is designed to help students gain professional skills in web application, building and development. It offers 18-credit hours of courses on web development skills, problem solving skills like design, user experience, creative applications and programming.

Professor Darci L. Kracht motioned to approve the item, and Dean Deborah F. Spake seconded the motion.

With no requests for additional discussion, Co-Chair Pamela E. Grimm adjourned the meeting at 4:32pm.

Respectfully submitted,



Christa N. Ord  
Administrative Secretary, Curriculum Services  
Office of the Provost