

January 27, 2015

ICC Report for Senate:

The ICC met as subcommittees on January 20 and 27 to continue work on approving Curriculum Proposals. We are continuing to work on the few current curriculum proposals. In addition AMP is working on 1) processes for transition to “Concentrations” vs. Options, etc., and 2) revising PREP.

Appointments and Election Committee’s Report – 1/27/15

At the end of fall semester, The AEC in consultation with the Constitution and Bylaws Committee developed voting procedures for amendments to the Constitution of the University Senate. We are currently setting up meeting times for spring semester and preparing for upcoming elections. The AEC is also still looking to fill the student vacancies on a variety of committees.

Faculty Affairs Report for 1/27/15 Senate Meeting

Our main work for the spring semester will be to bring forward to the Senate both the new IP policy and course evaluation instrument. Draft versions will be vetted widely across campus over the next few weeks. The goal will to have both documents in place by the end of this AY.

Academic Senate CSU Report for January 27, 2015

Statewide Senate: The January Plenary is being held Jan 22-23 in Long Beach. Talk was dominated by discussion of the Community College baccalaureate pilot program. There will be a call to all campus senates to respond to the 15 proposed degrees by the CCs, and that there will be a very short turn around (the beginning of February). The chancellor of community colleges is very keen to move this through quickly and has not given much time to CSU to respond. Noah will be asked to send the list to HSU departments for review. HSU needs to indicate if any of these programs duplicate existing HSU degree programs. Here are the proposed baccalaureate degrees:

A List	B List
Bakersfield--Industrial Automation	Allan Hancock--Applied Technology in Viticulture
Cypress--Mortuary Science	Antelope Valley--Airframe Manufacturing Technology
Foothill--Dental Hygiene	Crafton Hills-- Emergency Services & Allied Health Systems
Lake Tahoe--Public Safety Administration	Feather River--Equine Industry
Mira Costa--Biomanufacturing	Hartnell--Agricultural Food Safety-Fresh Produce
Rio Hondo--Automotive Technology	Laney College--Sustainable Facilities Management and Operations
San Diego Mesa--Health Information Management	Santa Ana --Occupational Studies
Skyline--Respiratory Therapy	Santa Monica--Interaction Design
West Los Angeles--Dental Hygiene	

Brief descriptions are attached.

Detailed descriptions are here:

<https://www.dropbox.com/sh/zvts8v15x68fqr4/AABm5DhhwEcSdEeJduWp6CKpa?dl=0>

URPC: We will meet Friday, January 30. The committee discussed budget cuts for next year in order to get HSU on a more sustainable budget. There is no expectation that budget cuts will be across the board.

Facilities Working Group: Drafting a campus space management policy that will give direction for allocating offices, vacated space, how space is transferred between divisions, etc. The draft policy is being share with different groups and will be shared with the URPC and the Senate in the near future.

Erick Eschker and Mary Ann Creadon

Allan Hancock – Santa Maria, CA	Applied Technology in Viticulture
<p>The Applied Technology in Viticulture program will offer specialization in the application of technology through precision viticulture with emphasis in sustainability, water management, including drought conditions, and climate change adaptations. The courses in the applied technology program at Allan Hancock College (AHC) will prepare the students to work directly in the winegrowing industry or to continue graduate studies.</p> <p>In addition, the Applied Technology in Viticulture program will utilize relational databases and state of the art technology to give students the skills to help produce highly efficient viticulture businesses. Students will evaluate and prioritize management decisions based on objective criteria and assess them for quality considerations, resource conservation, sustainability, and cost effectiveness. Precision farming, sustainable winegrowing practices, drought resistance and climate mitigation alternatives are essential to viticulture in the coming years.</p>	
Antelope Valley - Lancaster, CA	Airframe Manufacturing Technology
<p>The proposed program is the baccalaureate degree in Airframe Manufacturing Technology. The proposed program meets the need in the aerospace industry for multi skilled individuals who understand, perform, and serve as first-line leads in the major processes of manufacturing the structural components of an aircraft for civilian and military specifications. The program's curriculum addresses airframe manufacturing, aircraft fabrication (structures and composites), electronics, and welding.</p>	
Bakersfield - Bakersfield, CA	Industrial Automation
<p>Bachelor of Applied Science (BAS) in Industrial Automation: Industrial automation represents the technology-driven business model of the 21st century. In today's industry, an engineering team is involved in developing new products or systems. This team is typically composed of engineers, technologists and technicians. Engineers apply their knowledge of mathematics and science to develop ways to economically utilize natural resources for the benefit of mankind through a wide spectrum of activities including the conception, design, development and formulation of new systems and products. Technologists are typically graduates of baccalaureate-level programs that emphasize the application of scientific and technical knowledge; they participate in activities surrounding applied design, manufacturing, product assurance, sales and project management. Technicians work with equipment, assembling, repairing and testing devices or systems based on technical skills rather than scientific knowledge used in the original design.</p>	
Crafton Hills – Yucaipa, CA	Emergency Services & Allied Health Systems
<p>Crafton Hills College (CHC) is exceptionally qualified to serve as a pilot college for a new and innovative bachelor's degree entitled Emergency Services and Allied Health Systems. This program is designed to respond to both existing and emerging workforce needs in an evolving healthcare system that is faced with challenges such as caring for an aging population, the implementation of the Affordable Healthcare Act, and outbreaks of potentially deadly diseases such as Ebola. In the Inland Empire, these issues are exacerbated by inadequate facilities and staffing shortages. The BA in Emergency Services and Allied Health Systems takes a cross-discipline approach and builds on related education and experience from a variety of fields. Students with backgrounds as emergency medical technicians, paramedics, respiratory therapists, nurses, radiologic technicians, and others will learn to solve complex problems across the healthcare industry.</p>	

Cypress - Cypress, CA	Mortuary Science
<p>We are therefore proposing to establish a baccalaureate degree in Mortuary Science (BDMS) to be offered at Cypress College. This new degree would offer upper division academic and vocational instruction in Mortuary Science to students, as well as bring expanded employment opportunities to Southern California and throughout the state in the funeral service industry. The overarching goal of the Program is to enhance, not supplant, the current Associate in Science degree program. The Program would be unique to California since currently there are no other colleges or universities that offer this type of degree in the Western United States.</p>	
Feather River - Quincy, CA	Equine Industry
<p>California agriculture is a \$42.6 billion dollar industry that creates more than 1,400 ranching and animal science related positions each year. The future of this vast enterprise depends in part on the ability of the state's educational institutions to provide top-quality training for future generations of ranchers and agricultural managers who will fill the large number of ranching and animal science related positions each year. Agricultural employers, ranch owners, and rural small businesses are seeking applicants that have advanced business and animal science skills. New entrants seeking careers on ranches or related occupations are expected to have the academic training, deep-seated soft skills and the practical "horse sense" to make complicated management decisions. According to the Bureau of Labor Statics, ranching and land management has grown so complex that ranchers and agricultural managers now are expected to have a bachelor's degree in agriculture or a related field. In other words, five years of on-the-farm training is rapidly being replaced with the prerequisite of a baccalaureate degree.</p>	
Foothill – Los Altos Hills, CA	Dental Hygiene
<p>The first two years of the baccalaureate dental hygiene degree will be the general education courses required for the major and the supporting science and social science courses, which include: English, math, chemistry, anatomy and physiology, microbiology, nutrition, pharmacology, health, psychology, sociology, communication and humanities for a total of 86 quarter units for the first two years of the program. The second two years of the dental hygiene bachelor's degree pilot program would be 94 units of dental hygiene courses, inter-professional allied health courses, and upper division general education. Upper division general education and writing requirements will be met in the senior year dental hygiene research courses. The dental hygiene curriculum currently has two dental health/research courses. We plan to add a third research course in the senior year to bring depth to the baccalaureate level. The senior year dental hygiene research/public health courses will include a capstone project. Students will create a comprehensive a-portfolio over the junior and senior year of the dental hygiene program, documenting their projects, research papers, patient competencies, community service and professional development. This curriculum plan will bring content up to bachelor's degree level.</p>	

Hartnell - Salinas, CA	Agricultural Food Safety-Fresh Produce
<p>Hartnell College proposes to offer an Agricultural Food Safety baccalaureate degree with a specialization in Fresh Produce. Graduates would possess both the science-based academic fundamentals and introductory real world skills to be immediately employable in existing and future food safety positions with both small and large scale businesses as well as contribute to the vital overall food safety culture essential to every operation involved in the growing, handling, marketing, sales, distribution and transportation, retailing, preparation, and serving of fresh produce. The Hartnell food safety program is designed to provide students with a comprehensive foundation of microbiology, agricultural systems, facilities, process improvement, risk identification/management, operational ethics, and co-management of sustainability and food safety topics to facilitate engaging in all aspects from farm-to-fork. Each student will participate in one field-based internship and one facilities-based internship along with initiating an individualized senior project. Applied math, writing, speaking, critical thinking and presentation elements would be emphasized in all core food safety subject classes and support the breadth of accepted A-E general educational requirements.</p>	
Lake Tahoe – South Lake Tahoe, CA	Public Safety Administration
<p>The PSA program is a multi-disciplinary degree designed to offer current and emerging public safety leaders, in public or private agencies, with essential personal and professional skills. The curriculum is designed to provide students with a global outlook, leadership abilities, and management competencies, including strategic planning, risk management, program development and implementation, ethics, and supervision. The proposed coursework addresses core occupational competencies typically identified with supervisory and management positions within the public safety field. Chiefs, deputy chiefs, lieutenants, and captains in fire and law enforcement positions must demonstrate the capacity to manage personnel and lead complex organizations, manage interagency/jurisdictional incidents, and understand and build collaborative relationships with the public they serve. Business, administration, and social science programs at other institutions address elements of these skills but only in generalities. Public safety industry leaders agree that a more specific content that is industry appropriate and includes experientially rich curriculum would better serve their professional needs.</p>	
Laney College – Oakland, CA	Sustainable Facilities Management and Operations
<p>What is facilities management? The Bureau of Labor Statistics provides the following definition: “Facility managers oversee buildings, grounds, equipment, and supplies. Their duties fall into several categories, including overseeing operations and maintenance, planning and managing projects, and dealing with environmental factors. Facility managers may oversee renovation projects to improve efficiency or ensure that facilities meet government regulations and environmental, health, and security standards.” According to the International Facility Management Association, facility managers are now often “expected to understand their company’s core business and contribute to the bottom line--not only by reducing facility costs, but also by improving the productivity, revenue generating capacity, and image of the entire organization.”</p> <p>The elevated responsibility for maintaining and enhancing physical assets and operations requires skills that can best be obtained through an interdisciplinary curriculum. The Facilities Management degree is high in demand by industry, and a focus on sustainable facilities is driven by many factors. These include improvements in building system technologies, energy code requirements, the need for improvements in resource and waste management, and fiscal benefits of improved energy efficiency.</p>	

Mira Costa – Oceanside, CA	Biomanufacturing
<p>The proposed baccalaureate degree program in biomanufacturing will prepare students for employment in the manufacturing sector of the biotechnology industry, which includes biotherapeutics, diagnostics, supplies and services, and industrial products. The degree will prepare graduates for technical and quality assurance/ control-related positions.</p> <p>Biomanufacturing leverages the understanding of biology to manufacture products or perform services that impact health, agriculture, the environment, and industrial needs. As a product or service progresses from discovery research through development and into production, the science becomes increasingly less isolated. Through a transformation of scale, process control, and compliance, the science of biomanufacturing lives across the product and process lifecycle within a quality management system. The applied biomanufacturing baccalaureate degree will prepare students for work within the biotechnology industry in the unique environment of biological production where the science thrives in partnership with quality and compliance.</p> <p>This degree program explicitly emphasizes the applied, quantitative analysis of biomanufacturing-process design and performance. In addition, students completing the program will have sufficient preparation to sit for certification exams from the American Society for Quality (http://asq.org). Certification provides valuable, third- party recognition of industry-relevant skills, abilities, and knowledge.</p>	
Rio Hondo – Whittier, CA	Automotive Technology
<p>Rio Hondo College proposes to offer a Bachelor of Science (B.S.) degree in Automotive Technology that will build on our college’s existing Associate of Science (A.S.) degree program in Automotive Technology. Our current program—which is well aligned with the automotive industry both regionally and nationally—provides a solid foundation for the development of the new B.S. program.</p> <p>Based on input from valued industry partners and members of our Automotive Technology Advisory Committee over the past ten years, successful candidates for employment within organizations requiring a baccalaureate degree in this field need high level Automotive Technology skills and knowledge. Graduates need to be technically competent and possess strong interpersonal skills, such as the ability to communicate effectively, solve problems, work in teams, and pursue continued professional development. The primary goal of the proposed Bachelor of Science in Automotive Technology Degree (ATD) is to provide the automotive industry with employees with these skills.</p> <p>Students will receive training in various business, management and technical courses, such as Managerial Accounting, Leadership, Marketing, Advanced Vehicle Systems Design and Performance. Other courses will emphasize soft skills, such as communication, business & technical writing, and human relations.</p>	
Santa Ana – Santa Ana, CA	Occupational Studies
<p>The baccalaureate program proposed by Santa Ana College (SAC) is Occupational Studies. Occupational Therapy Education, consisting of Occupational Therapist (OT) and Occupational Therapy Assistant (OTA), is accredited by the Accreditation Council for Occupational Therapy Education (ACOTE). Currently, ACOTE is considering an elevation of the requirement for the entry level of OT from a Master’s degree to a Doctorate, with a recommended start date of 2025. With the large labor market demand in this field (as will be demonstrated later) coupled with the huge demand for this program, as evidenced by large wait lists of SAC students each semester, a pipeline already exists that would further support creation of this proposed baccalaureate option for interested students.</p>	

San Diego Mesa – San Diego, CA	Health Information Management
<p>The proposed applied baccalaureate degree program in Health Information Management (HIM) at San Diego Mesa College is designed to provide accessible, high-quality industry-approved instruction that prepares graduates to sit for the national certification exam qualifying them to be a Registered Health Information Administrator (RHIA). RHIA certification is the minimum requirement for employment in the occupations that manage and administer electronic health records.</p> <p>Graduates will receive a Bachelor of Applied Science (BAS) in Health Information Management and be eligible to sit for the national certification exam sponsored by the American Health Information Management Association (AHIMA). The successful outcome of this exam results in licensure as a RHIA, an essential qualification for employment. The proposed HIM program is designed to meet the unit and content requirements in the California Code of Regulations. In addition, the new program will meet the Accrediting Commission for Community and Junior Colleges, Western Association of Schools and Colleges (ACCJCIWASC) standards as well as Council for Accreditation of Health Information and Informatics Management (CAHIIM) accreditation standards.</p>	
Santa Monica – Santa Monica, CA	Interaction Design
<p>High technology is the engine behind California’s economy. Santa Monica College proposes offering a baccalaureate degree in Interaction Design to help meet the overwhelming demand for the skill set in this critical sector of the state’s industry. While student demand for a design degree in this emerging field is robust, opportunities to earn one are severely limited.</p> <p>The appearance of the first iPhone® in 2007 marked a dramatic shift in the fields of graphic and web design. Since then, technology and design are converging like never before with the proliferation of innovations such as e-commerce, mobile apps, smartphones, medical devices, wearable technology, connected appliances, and self-driving cars. A new breed of designer who understands the user and a user-centered approach is required.</p>	
Skyline – San Bruno, CA	Respiratory Therapy
<p>Rapidly changing technology has increased expectations for the profession. Both the national and state professional organizations representing respiratory care programs have advised that education at the baccalaureate level will increasingly be required for today’s respiratory care practitioners. The profession of Respiratory Care began more than a half a century ago and has evolved from an on-the-job trained workforce to a college educated and licensed profession. In this era, respiratory care practitioners are expected to assess and quantify their patients’ condition while appropriately applying algorithmic protocols in the provision of respiratory care. Critical thinking, decision-making, and competence to perform these responsibilities at an advanced level are demanded of practitioners.</p> <p>The proposed baccalaureate program at Skyline College would build upon its well-established Associate of Science (AS) program in Respiratory Therapy. Students will complete Commission on Accreditation for Respiratory Care (CoARC) requirements for the associate degree as well as complete required lower division general education courses. A minimum of 17 units of upper division major course work will build upon the 52 units of lower division major course work and will include employer identified skills and abilities in the areas of cardiopulmonary pathophysiology, respiratory disease management, health education, leadership and management, and research principles. The baccalaureate degree will also include a minimum of 9 units of upper division general education courses as per CSU guidelines. Additionally, 26 lower division general education units will count toward the overall units required for the baccalaureate. This is further described in sections 3E and 3F.</p>	

West Los Angeles – Culver City, CA**Dental Hygiene**

West Los Angeles College (West) proposes to develop, implement, and operate a pilot Bachelor of Science degree program in Dental Hygiene (BSDH). The program will provide a 120-unit BSDH program for new students and a 30-unit BSDH degree completion program for dental hygienists with an Associate of Science in Dental Hygiene.

This new program builds on an existing strong Associate degree program in Dental Hygiene that has consistently been one of the most successful community college Dental Hygiene programs in the nation.