

Curriculum Committee

AGENDA

April 02, 2019

12:30 pm

Berger Faculty Innovation Center

Members (13): J. Learned (Chair); P. Stegeman (Business & Applied Technology), S. Cooper (General Counseling), D. Greene (Kinesiology/ECE), E. Benavides (Social Sciences), J. An-Dunning (Library & Learning Resources), S. Gaete (Nursing & Health Sciences), A. Garcia (Adjunct), R. Guinn (Sciences & Engineering), L. Jackson (Arts & Media), J. Matthews (Math & Computer Science), V. Rossi Dean (Communication & Humanities), K. Hoang (Student Services/Special Programs)

Ex-Officio (non-voting): A. Nery (VP Student Learning), M. Jasso (Articulation Officer), C. Voyu (OAC Representative), E. Calderon (Student Representative)

Staff: J. Magbuhat (Curriculum & Catalog Specialist), A. Simmons (Curriculum & Catalog Specialist), C. Contopulos (Recorder)

- I. Call to Order and Presence of a Quorum (7)**
- II. Public Comments**
- III. Approval of Agenda**
- IV. Approval of March 21, 2019 Minutes**
- V. Action – Majority–8**

A. CONSENT:

New Courses and Programs and/or Substantive Changes to Courses and Programs/2nd Reading

1. Course Reactivation:

a. BPOT 003 Basic Peace Officer Training – Module I (19 units)
Class size maximum: **40**
Prerequisite: BPOT 002

b. BCOT 010 Basic Correctional Officer Training (14 units)
Class size maximum: **50**
Prerequisite: None

2. Course Modifications:

a. BI 005 Molecular and Cell Biology
C-ID ALIGNMENT: Change CH 001A corequisite to a prerequisite, modify content and update textbook.

b. DDP 010 Graphic Design I
Add 100% online and Hybrid modalities. Change Class Size Max **from: 27 to: 24**. Add Prerequisite: **DDP 001B**. Change Catalog & Schedule descriptions, content, objectives and SLOs.

c. DDP 011 Graphic Design II
Add 100% online and Hybrid modalities. Change Class Size Max **from: 27 to: 24**. Change Catalog & Schedule descriptions, content, objectives, SLOs. Modify Methods of Instruction and Evaluation.

d. J 010 Magazine Writing Production
Add DDP 002 or ART 031 as prerequisite options.

e. KINE 009 Essentials for Group Fitness Professionals
Change Units **from: 2 to: 3**; Hours **from: 36 to: 54**. Update Catalog & Schedule descriptions, content, objectives, SLOs and textbooks. Modify title by adding "Group". Delete KINE 007 as prerequisite. Add Hybrid modality.

3. Program Modifications

a. Automotive Alternative Fuels Certificate of Achievement

Required Courses:

	AUTO 010	Introduction to Automotive Technology	4
	AUTO 011B	Auto Electronics & Electrical Systems.....	4
	AUTO 040E	CNG Diagnosis & Repair.....	4
	AUTO 043A	Intro to Hybrid, Electric & Fuel-Cell Vehicle Technology	3
	AUTO 045A	Intro to Alternative Fuel Vehicles	2
DELETE	AUTO 092A	Biodiesel: Characteristics, Use & Production.....	2
	AUTO 095A*	Automotive Technology Work Experience (Maximum of 2 units may be used for work experience).....	2
	CERTIFICATE TOTAL	.....	21 19

*For extenuating circumstances, as deemed by the automotive advisor, work experience may be fulfilled through a special shop project or an appropriate elective.

b. Automotive Electrical Certificate of Achievement

Required Courses:

	AUTO 010	Introduction to Automotive Technology	4
	AUTO 011B	Auto Electronics & Electrical Systems.....	4
	AUTO 014A	Automotive Engine Management.....	4
	AUTO 014B	Advanced Engine Management	5 4
	AUTO 021A	Automotive Diagnosis & Troubleshooting	2
	AUTO 095A*	Automotive Technology Work Experience (Maximum of 2 units may be used for work experience).....	2
	CERTIFICATE TOTAL	.....	21 20

*For extenuating circumstances, as deemed by the automotive advisor, work experience may be fulfilled through a special shop project or an appropriate elective.

c. Automotive Engine Management Certificate of Achievement

Required Courses:

	AUTO 010	Introduction to Automotive Technology	4
	AUTO 011B	Auto Electronics & Electrical Systems.....	4
	AUTO 014A	Automotive Engine Management.....	4
	AUTO 014B	Advanced Engine Management	5 4
	AUTO 021A	Automotive Diagnosis & Troubleshooting	2
	AUTO 095A*	Automotive Technology Work Experience (Maximum of 2 units may be used for work experience).....	2
	CERTIFICATE TOTAL	.....	21 20

*For extenuating circumstances, as deemed by the automotive advisor, work experience may be fulfilled through a special shop project or an appropriate elective.

d. Fitness Specialist Certificate of Achievement

Required Courses: ~~20~~ 18 Units

	KINE-001	First Aid and Safety.....	3
DELETE	KINE-003	Athletic Training I	3
	KINE-007	Techniques of Exercise Leadership.....	3
	KINE-008	Introduction to Kinesiology	3
ADD	KINE-009	Essentials for Fitness Professionals	3
	KINE-095	Exercise Science.....	2
	KINE-095A	Kinesiology Work Experience (Maximum of 1 unit may be used for work experience)	1
	HS-013	General Nutrition.....	3

Fitness Courses: (2 units chosen from the following courses)

	KINE-039	TRX and Kettlebell Training (1)	
	KINE-040	Aerobics, Total Body Fitness (1)	
	KINE-041	Core Conditioning (1)	
	KINE-046	Endurance Training (2)	
	KINE-047	Body Sculpt and Tone (1)	
	KINE-068	Jogging, Powerwalking, and Running (1)	
	KINE-069	Biomechanics of Running (1)	
	KINE-071	Kickboxing Aerobics (1)	
	KINE-072	Pilates Mat Work (1)	
	KINE-073	Pilates for Dance (1)	
	KINE-077	Self-Defense/Fitness (1)	
	KINE-083	Swimming and Running for Triathletes (1)	
	KINE-084	Aquatic Crosstraining (1)	

KINE-093	Water Fitness (1)
KINE-098A	Yoga I-Fundamentals of Yoga (1)
KINE-099	Power Yoga (1)
CERTIFICATE TOTAL	22

B. ITEMS PULLED FROM CONSENT AGENDA (if need be)

C. 2nd READING FOR ITEMS WITH CHANGES MADE AFTER 1st READING (NOT ON CONSENT)

- a. **AIS 072** Microsoft Excel
Change course code from ~~CIS 072d~~ to AIS 072D; change TOP Code from: 070200 Information Systems to: 051400 Office Admin Asst. & Secretarial Science, General; change CIP Code from: 11.0103 Information Systems to: 52.0401 Office Technology/Office Computer Applications; add Office Technologies to the Discipline List; remove Prerequisite: CIS 010 or BUAC 050; add Advisory: AIS 005; change textbook and SLOs; and complete DE checklist.

- b. **WELD 011A** Introduction to Shielded Metal Arc Welding
To align with AWS SENSE and create a sequence of courses that lead to an entry-level welder certificate demonstrating proficiency in welding and providing career options for students.

D. Technical Review Charter

E. COURSES AND PROGRAMS – 1ST READING

1. NEW COURSES

- a. **CIS 030** Introduction to Linux Operating System (3 units)
Modality: Face to face, 100% online Class size maximum: 35
Originator: Felix Marhuenda
Team Discussion
 - Requisites and Entrance Skills
 - Course Content and Units
 - Methods of Instruction and Evaluation
 - Articulation, GE's and Coding

- b. **J 005** News Literacy (3 units)
Class size maximum: 35 Prerequisite: None
- c. **RTV 003** Sports Media (3 units)
Class size maximum: 25 Advisory: RTV 002 - Broadcast Announcing J 003A - News Reporting & Writing
Originator: Laurilie Jackson
Team Discussion
 - Requisites and Entrance Skills
 - Course Content and Units
 - Methods of Instruction and Evaluation
 - Articulation, GE's and Coding

- d. **WELD 011B** Intermediate Shielded Metal Arc Welding (2 units)
Class size maximum: 25 Prerequisite: WELD 011A
- e. **WELD 011C** Advanced Shielded Metal Arc Welding (2 units)
Class size maximum: 25 Prerequisite: WELD 011B
Originator: G. Brown, Rory Pratt
Team Discussion
 - Requisites and Entrance Skills
 - Course Content and Units
 - Methods of Instruction and Evaluation
 - Articulation, GE's and Coding

- f. **WELD 012A** Introduction to Gas Metal Arc Welding (2 units)
Class size maximum: 25 Prerequisite: None
- g. **WELD 012B** Intermediate Gas Metal Arc Welding (2 units)
Class size maximum: 25 Prerequisite: WELD 012A

- h. WELD 012C** Advanced Gas Metal Arc Welding (2 units)
Class size maximum: 25 *Prerequisite: WELD 012B*
Originator: G. Brown, Rory Pratt
Team Discussion
- Requisites and Entrance Skills
 - Course Content and Units
 - Methods of Instruction and Evaluation
 - Articulation, GE's and Coding
- i. WELD 013A** Introduction to Gas Tungsten Arc Welding (2 units)
Class size maximum: 25 *Prerequisite: WELD 012B, WELD 011B*
- j. WELD 013B** Intermediate Gas Tungsten Arc Welding (2 units)
Class size maximum: 25 *Prerequisite: WELD 013A*
- k. WELD 013C** Advanced Gas Tungsten Arc Welding (2 units)
Class size maximum: 25 *Prerequisite: WELD 013B*
Originator: G. Brown, Rory Pratt
Team Discussion
- Requisites and Entrance Skills
 - Course Content and Units
 - Methods of Instruction and Evaluation
 - Articulation, GE's and Coding

2. COURSE DEACTIVATION

- a. ENG 001B** Composition & Literature
Justification: Supplanted by ENG 002

3. NEW PROGRAMS

- a. Engineering Technology Associate of Science**

The Engineering Technology Associate of Science is designed to prepare students for entry-level technical work in a variety of fields and businesses. The degree is also designed to prepare students, with additional coursework, for transfer to a four-year university.

Required courses

ENGT 009	Introduction to Robotics	2
ENGT 015A	Computer Numerical Controls IA	1
ENGT 015B	Computer Numerical Controls IB.....	2
ENGT 016	Computer Numerical Controls II.....	3
ENGT 020	DC Circuit Analysis I	3
ENGT 021	DC Circuit Analysis II	3
ENGT 022	AC Circuit Analysis I	4
ENGT 030	PLCs and Industrial Controls I.....	3
ENGT 031	PLCs and Industrial Controls II.....	3
ENGT 050	Digital Logic Analysis.....	3
ENGT 060	Industrial Electronics	3
ENGT 061	Industrial Sensors and Advanced Applications.....	2
DRA 002	AutoCAD	4
ESYS 095A	Energy Systems Technology Work Experience	1

Electives - Select 2 units from the following:

ACR 064	Air Conditioning & Refrigeration Electricity I.....	3
ACR 090	Building Automation Fundamentals.....	3
ACR 091	Advanced Building Control Networks.....	3
AUTO 011B	Auto Electronics & Electrical Systems.....	4
BIT 040	California Electrical Codes	2
CIS 010	Computer Literacy	4
CIS 086	Visual Basic Programming	3
DRA 011	Intro to Sketch up & Revit	3
ENGT 024	Manufacturing of Circuits.....	3
ESYS 002	Electricity & Electrical Theory.....	3
ESYS 003	Energy Systems Technology	3
WELD 011	Shielded Metal Arc Welding	3
WELD 012	Basic Gas Metal Arc Welding (MIG).....	3

Required Subtotal	38
Approved Electives	2
COD General Education Pattern.....	18
Kinesiology Activities.....	2
DEGREE TOTAL	60

b. Electronics Certificate of Achievement

The Electronics Certificate of Achievement is designed to prepare students for entry-level technical work with DC and AC circuits.

Required Courses:

The required core courses in this program may be completed quickly and in two sequential semesters. The DC Circuit Analysis courses are to be taken in sequential eight-week courses in one semester.

ENGT 009	Introduction to Robotics.....	2
ENGT 020	DC Circuit Analysis I	3
ENGT 021	DC Circuit Analysis II	3
ENGT 022	AC Circuit Analysis I	4
DRA 002	AutoCAD	4
ESYS 095A	Energy Systems Technology Work Experience	1
CERTIFICATE TOTAL:	.....	17

c. Robotics Certificate of Achievement

The Robotics Certificate of Achievement is designed to prepare students for entry-level technical work utilizing Computer Numerical Control (CNC) technologies.

Required Courses

The required core courses in this program may be completed quickly and in two sequential semesters. Courses CNC I and II are to be taken in sequential eight-week courses in one semester.

ENGT 009	Introduction to Robotics.....	2
ENGT 015A	Computer Numerical Controls IA.....	1
ENGT 015B	Computer Numerical Controls IB.....	2
ENGT 016	Computer Numerical Controls II	3
DRA 002	AutoCAD	4
ESYS 095A	Energy Systems Technology Work Experience	1
CERTIFICATE TOTAL	.....	13

d. Industrial Automation

The Industrial Automation Certificate of Achievement is designed to prepare students for entry-level technical work utilizing Programmable Logic Controllers (PLCs) and Industrial Controls.

Required Courses

The required core courses in this program may be completed quickly and in two sequential semesters. Courses PLCs I and II are to be taken in sequential eight-week courses in one semester.

ENGT 009	Introduction to Robotics.....	2
ENGT 030	PLCs and Industrial Controls I	3
ENGT 031	PLCs and Industrial Controls II	3
DRA 002	AutoCAD	4
ESYS 095A	Energy Systems Technology Work Experience	1
CERTIFICATE TOTAL	.....	13

4. PROGRAM MODIFICATION

a. Advanced Academic English as a Second Language Credit Certificate of Proficiency

The modification to our local credit certificate is necessary to accommodate requirements for the Office of International Students which require that a students can complete a certificate in just one semester. This is a study abroad requirement by our university partners in Japan.

Required Courses

	ESL 052	Pronunciation.....	3
	or ESL 053	Speech Pronunciation & Listening	
DELETE	ESL 053	Speech Pronunciation & Listening.....	3
DELETE	ESL 070	ESL/Academic English I.....	4
DELETE	ESL 070A	Grammar & Editing.....	2
	ESL 071	ESL/Academic English II.....	4
	ESL 071A	Advanced Grammar & Editing.....	2

5. PROGRAM DEACTIVATIONS

- a. **Liberal Arts: Recreation Leisure and Sports Management AA Degree**
- b. **Liberal Arts: Health Education and Nutrition AA Degree**

Justification: Low student interest in these degrees.

VI. Information/Discussion

VII. Good of the Order

VIII. Adjournment

NEXT MEETING

May 7, 2019