



Curriculum Committee

AGENDA

February 15, 2018

12:30pm

Berger Faculty Innovation Center

Members (13): D. Greene (Chair); G. Brown (Business & Applied Technology), S. Cooper (General Counseling), C. Doussett (Kinesiology/ECE), L. Emerson (Social Sciences), J. Fernald (Library & Learning Resources), S. Gaete (Nursing & Health Sciences), A. Garcia (Adjunct), R. Guinn (Science), L. Jackson (Arts & Media), J. Learned (Math & Computer Science), E. Reed (Communication & Humanities), A. Uhlhorn (Student Services/Special Programs)

Ex-Officio (non-voting): M. Jasso (Articulation Officer), P. Ralston (VP Student Learning), (Student Representative)

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

1. **Call to Order and Presence of a Quorum**
2. **Public Comments**
3. **Approval of Agenda**
4. **Approval of February 6, 2018 Minutes**
5. **Action – Majority 7**

I. CONSENT:

A. *Course Modifications*

(Changes which do not affect statutory or regulatory curriculum standards: minor, non-substantive changes in catalog description, objectives, SLOs, assignments, or content; changes in the text and/or instructional materials; change in course title)

- 1) A-001 Descriptive Astronomy
Textbook update
- 2) BUAC-051 Accounting for ~~Non-Accountants~~ [Entrepreneurs & Business Managers](#)
PERIODIC REVIEW: *Change title, modify SLOs, objectives, schedule description and change advisory from: ENG-070 to: RDG-061*
- 3) G-017 Introduction to Oceanography ([Advisory: ENG-061](#))
- 4) G-017L Introduction to Oceanography Lab ([Advisory: ENG-061](#))
- 5) G-022 Introduction to Environmental Sciences ([Advisory: ENG-061](#))
- 6) PH-001 Introductory Physics ([Advisory: ENG-061](#))
- 7) PHIL-003 Introduction to Political Theory ([Advisory: ENG-001A](#))
- 8) PHIL-012 Religions of the World ([Advisory: ENG-061](#))
- 9) PHIL-013 Perspectives on Death and Dying ([Advisory: ENG-061](#))
- 10) PHIL-014 Introduction to Ethics ([Advisory: ENG-061](#))
- 11) PHIL-017 Philosophy of Religion ([Advisory: ENG-061](#))
PERIODIC REVIEW: *Update English advisory, textbook, and SLOs*
- 12) PH-017 Introduction to Meteorology ([Advisory: ENG-061](#))
Update English advisory, SLOs; and add Geology to the Discipline List.

- 13) KINE-003 Care & Prevention of Athletic Injuries
 - 14) PSY-027 Biological Psychology
- Update SLOs.**

B. Course Deactivation

- 1) MATH-042 Beginning & Intermediate Algebra

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

1. New Course:

- a. A-031 Undergraduate Research Experience

2. Programs Modifications:

a. ADVANCED TRANSPORTATION TECHNOLOGIES AS DEGREE

Required Courses: ~~34.5~~ 36 units

	AUTO 010	Introduction to Automotive Technology	4
	AUTO 011B	Automotive Electronics & Electrical Systems	4
	AUTO 011C	Advanced Automotive Electrical Systems	5
	AUTO 014A	Automotive Engine Management	4
	AUTO 021A	Automotive Diagnosis and Troubleshooting	2
	AUTO 040 DE	CNG/ LPG Diagnosis & Repair	5.5 4
	AUTO 043A	Intro to Hybrid, Electric & Fuel-Cell & Electric Vehicle Technology	3
ADD	AUTO 043B	Hybrid, Fuel-Cell & Electric Vehicle Diagnosis & Repair	3
	AUTO 045A	Intro to Alternative Fuel Vehicles	2
	AUTO 092A	Biodiesel: Characteristics, Use & Production	2
	AUTO 095A*	Automotive Technology Work Experience (<i>Maximum of 2 units may be used for work experience</i>) ..	2
	AUTO 099	Auto/Advanced Transportation Summation	1

Electives - 8 units from the following: 8

	AUTO 014B	Advanced Engine Management
ADD	AUTO 015	Automotive Engine Diagnosis & Repair
	AUTO 016	Automotive Manual Transmissions and Drive Train Systems
	AUTO 017	Automatic Transmissions & Transaxles
	AUTO 018	Automotive Heating, Ventilation & Air Conditioning
ADD	AUTO 020A	Automotive Quick Service
	AUTO 041 B	CNG/ LPG Conversion & Installation & Repair
ADD	AUTO 054CD	Basic & Advanced Clean Air Car Course <u>Smog Check Inspector Training, Level 1 & 2</u>
ADD	AUTO 054E	Smog Check Diagnostic & Repair Technician Training
	AUTO 095A*	Automotive Technology Work Experience (1-2 units in addition to required))
	ACR 060	Air Conditioning & Refrigeration I
	ACR 064	Air Conditioning & Refrigeration Electricity I
	BUMA 094	Business Communications
Delete	WELD 010	Oxy Acetylene Gas Welding
ADD	WELD 011	Shielded Metal Arc Welding
ADD	WELD 012	Basic Gas Metal Arc Welding (MIG)

COD General Education Pattern: 18

Kinesiology Activities: 2

DEGREE TOTAL.....~~62.5~~ 64

**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 TECHNOLOGY AS DEGREE

Required Courses

	AUTO 010	Introduction to Automotive Technology.....	4
	AUTO 011B	Auto Electronics & Electrical Systems.....	4
	AUTO 011C	Advanced Automotive Electrical Systems.....	5
	AUTO 012A	Automotive Steering & Suspension	4
	AUTO 013A	Automotive Braking Systems	4
	AUTO 014A	Automotive Engine Management.....	4
	AUTO 015	Automotive Engine Diagnosis & Repair	4

	AUTO 020A	Automotive Quick Service.....	3
	AUTO 021A	Automotive Diagnosis And Troubleshooting	2
	AUTO 095A*	Automotive Technology Work Experience (<i>Maximum of 2 units may be used for work experience</i>)	2
	AUTO 099	Auto/Advanced Transportation Summation.....	1
	Electives - Select 6 units from the following:.....		6
	AUTO 014B	Advanced Engine Management	
	AUTO 016	Automotive Manual Transmissions and Drive Train Systems	
	AUTO 017	Automatic Transmissions & Transaxles	
	AUTO 018	Automotive Heating, Ventilation & Air Conditioning	
	AUTO 043A	Intro to Hybrid, Electric & Fuel-Cell & Electric Vehicle Technology	
ADD	AUTO 043B	Hybrid, Fuel-Cell & Electric Vehicle Diagnosis & Repair	
	AUTO 045A	Intro to Alternative Fuel Vehicles	
	AUTO 054 CD	Basic & Advanced Clean Air Car Course Smog Check Inspector Training, Level 1 & 2	
ADD	AUTO 054E	Smog Check Diagnostic & Repair Technician Training	
ADD	AUTO 093A	Introduction to Light & Medium Duty Diesel Systems	
ADD	AUTO 093B	Light/Medium Duty Diesel Systems	
ADD	AUTO 093C	Advanced Light/Medium Duty Systems	
ADD	AUTO 093D	Diesel Diagnostics and Troubleshooting	
	AUTO 095A*	Automotive Technology Work Experience (1-2 units in addition to required)	
	ACR 060	Air Conditioning & Refrigeration I	
	ACR 064	Air Conditioning & Refrigeration Electricity I	
Delete	WELD 010	Oxy Acetylene Gas Welding	
ADD	WELD 011	Shielded Metal Arc Welding	
ADD	WELD 012	Basic Gas Metal Arc Welding (MIG)	
	Required Courses.....		43
	COD General Education Pattern		18
	Kinesiology Activities		2
	DEGREE TOTAL.....		63

**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 AIR CONDITIONING CERTIFICATE OF ACHIEVEMENT

	Required Courses		
	AUTO 010	Introduction to Automotive Technology	4
	AUTO 011B	Auto Electronics & Electrical Systems.....	4
	AUTO 018	Automotive Heating, Ventilation & Air Conditioning.....	4
	AUTO 095A*	Automotive Technology Work Experience (<i>Maximum of 2 units may be used for work experience</i>) ...	2
	Electives - Select 4 units from the following:.....		4
ADD	AUTO 011C	Advanced Automotive Electrical Systems	
ADD	AUTO 012A	Automotive Steering & Suspension	
	AUTO 013A	Automotive Braking Systems	
	AUTO 014A	Automotive Engine Management	
	AUTO 014B	Advanced Engine Management	
ADD	AUTO 015	Automotive Engine Diagnosis & Repair	
	AUTO 016	Automotive Manual Transmissions and Drive Train Systems	
	AUTO 017	Automatic Transmissions & Transaxles	
	AUTO 021A	Automotive Diagnosis And Troubleshooting	
	AUTO 043A	Intro to Hybrid, Electric & Fuel-Cell & Electric Vehicle Technology	
ADD	AUTO 043B	Hybrid, Fuel-Cell & Electric Vehicle Diagnosis & Repair	
	AUTO 054 CD	Basic & Advanced Clean Air Car Course Smog Check Inspector Training, Level 1 & 2	
ADD	AUTO 054E	Smog Check Diagnostic & Repair Technician Training	
ADD	AUTO 093A	Introduction to Light & Medium Duty Diesel Systems	
ADD	AUTO 093B	Light/Medium Duty Diesel Systems	
ADD	AUTO 093C	Advanced Light/Medium Duty Systems	
ADD	AUTO 093D	Diesel Diagnostics and Troubleshooting	
	AUTO 095A*	Automotive Technology Work Experience (1-2 units in addition to required)	
	ACR 060	Air Conditioning & Refrigeration I	
	ACR 064	Air Conditioning & Refrigeration Electricity I	
Delete	WELD 010	Oxy Acetylene Gas Welding	

ADD	WELD 011	Shielded Metal Arc Welding	
ADD	WELD 012	Basic Gas Metal Arc Welding (MIG)	
	CERTIFICATE TOTAL		18

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

d. AUTOMOTIVE ALTERNATE FUELS CERTIFICATE OF ACHIEVEMENT

Required Courses

AUTO 010	Introduction To Automotive Technology	4
AUTO 011B	Auto Electronics & Electrical Systems	4
AUTO 040 DE	CNG/ LPG Diagnosis & Repair	5.5 4
AUTO 043A	Intro to Hybrid, Electric & Fuel-Cell & Electric Vehicle Technology	3
AUTO 045A	Intro To Alternative Fuel Vehicles	2
AUTO 092A	Biodiesel: Charctrstc, Use & Production	2
AUTO 095A*	Automotive Technology Work Experience (Maximum of 2 units may be used for work experience)	2
	CERTIFICATE TOTAL	22.5 21

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

e. AUTOMOTIVE EMISSIONS CERTIFICATE OF ACHIEVEMENT

Required Courses

	AUTO 010	Introduction To Automotive Technology	4
	AUTO 011B	Auto Electronics & Electrical Systems	4
	AUTO 021A	Automotive Diagnosis And Troubleshooting	2
	AUTO 054 CD	Basic & Advanced Clean Air Car Course Smog Check Inspector Training, Level 1 & 2	7 4
ADD	AUTO 054E	Smog Check Diagnostic & Repair Technician Training	3
	AUTO 095A*	Automotive Technology Work Experience (Maximum of 2 units may be used for work experience)	2
	CERTIFICATE TOTAL		19

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

f. BRAKES CERTIFICATE OF ACHIEVEMENT

Required Courses

AUTO 010	Introduction To Automotive Technology	4
AUTO 011B	Auto Electronics & Electrical Systems	4
AUTO 013A	Automotive Braking Systems	4
AUTO 095A*	Automotive Technology Work Experience (Maximum of 2 units may be used for work experience)	2

Electives - Select ~~4~~ 7 units from the following:

ADD	AUTO 011C	Advanced Automotive Electrical Systems	
ADD	AUTO 012A	Automotive Steering & Suspension	
	AUTO 014A	Automotive Engine Management	
	AUTO 014B	Advanced Engine Management	
ADD	AUTO 015	Automotive Engine Diagnosis & Repair	
	AUTO 016	Automotive Manual Transmissions and Drive Train Systems	
	AUTO 017	Automatic Transmissions & Transaxles	
ADD	AUTO 018	Automotive Heating, Ventilation & Air Conditioning	
	AUTO 021A	Automotive Diagnosis And Troubleshooting	
ADD	AUTO 043A	Intro to Hybrid, Electric & Fuel-Cell & Electric Vehicle Technology	
ADD	AUTO 043B	Hybrid, Fuel-Cell & Electric Vehicle Diagnosis & Repair	
	AUTO 054 CD	Basic & Advanced Clean Air Car Course Smog Check Inspector Training, Level 1 & 2	
ADD	AUTO 054E	Smog Check Diagnostic & Repair Technician Training	
ADD	AUTO 093A	Introduction to Light & Medium Duty Diesel Systems	
ADD	AUTO 093B	Light/Medium Duty Diesel Systems	
ADD	AUTO 093C	Advanced Light/Medium Duty Systems	
ADD	AUTO 093D	Diesel Diagnostics and Troubleshooting	
ADD	AUTO 095A*	Automotive Technology Work Experience (1-2 units in addition to required)	
ADD	ACR 060	Air Conditioning & Refrigeration I	
ADD	ACR 061	Air Conditioning & Refrigeration II	
ADD	WELD 011	Shielded Metal Arc Welding	
ADD	WELD 012	Basic Gas Metal Arc Welding (MIG)	
	CERTIFICATE TOTAL		18-21

g. STEERING, SUSPENSION, & ALIGNMENT CERTIFICATE OF ACHIEVEMENT

Required Courses		Units	
	AUTO 010	Introduction To Automotive Technology.....	4
	AUTO 011B	Auto Electronics & Electrical Systems.....	4
	AUTO 012A	Automotive Steering & Suspension	4
	AUTO 095A	Automotive Technology Work Experience 1.....	2
	Electives - Select 4 units from the following:		4
ADD	AUTO 011C	Advanced Automotive Electrical Systems	
	AUTO 013A	Automotive Braking Systems	
	AUTO 014A	Automotive Engine Management	
	AUTO 014B	Advanced Engine Management	
ADD	AUTO 015	Automotive Engine Diagnosis & Repair	
	AUTO 016	Automotive Manual Transmissions and Drive Train Systems	
	AUTO 017	Automatic Transmissions & Transaxles	
	AUTO 018	Automotive Heating, Ventilation & Air Conditioning	
	AUTO 021A	Automotive Diagnosis And Troubleshooting	
ADD	AUTO 043A	Intro to Hybrid, Electric & Fuel-Cell & Electric Vehicle Technology	
ADD	AUTO 043B	Hybrid, Fuel-Cell & Electric Vehicle Diagnosis & Repair	
	AUTO 054	Basic & Advanced Clean Air Car Course Smog Check Inspector Training, Level 1 & 2	
ADD	AUTO 054E	Smog Check Diagnostic & Repair Technician Training	
ADD	AUTO 093A	Introduction to Light & Medium Duty Diesel Systems	
ADD	AUTO 093B	Light/Medium Duty Diesel Systems	
ADD	AUTO 093C	Advanced Light/Medium Duty Systems	
ADD	AUTO 093D	Diesel Diagnostics and Troubleshooting	
	AUTO 095A*	Automotive Technology Work Experience (1-2 units in addition to required)	
	ACR 060	Air Conditioning & Refrigeration I	
	ACR 064	Air Conditioning & Refrigeration Electricity I	
ADD	WELD 011	Shielded Metal Arc Welding	
ADD	WELD 012	Basic Gas Metal Arc Welding (MIG)	
	CERTIFICATE TOTAL	18

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

III. COURSES AND PROGRAMS – 1ST READING

A. New Course Designator:

FTVE – Film, Television & Electronic Media

*School: Social Sciences & Arts; Department: Performing Arts, Media & Arts; TOP Code: **0604.00** (Radio & Television) and **0604.20** (Television, including combined TV/film/video); Disciplines: Media Production (also Broadcasting Technology) or Film Studies.*

B. Course Modifications:

1. PH-002 College Physics I
Change prerequisite **from: ENG-071 to: ENG-061**

2. SOC-004 Sociological Analysis/Critical Thinking
PERIODIC REVIEW: Change class size max from: 50 to: 35, update textbook & SLOs.

6. Task Force Reports

6.1 Program and Curriculum Development Process and Criteria

7. Information/Discussion

7.1 2018-2019 Curriculum Committee Timeline

7.2 Courses & Programs Proposals in CurricUNET Queues as of Feb. 12, 2018

8. Good of the Order

9. Adjournment

NEXT MEETING

March 6, 2018