

CERRITOS COLLEGE

Curriculum Committee Agenda

February 14, 2019

1:00 pm

Auto Partners – Room 11

A. CALL TO ORDER

B. ROLL CALL

Voting Members:

- | | |
|---|--|
| <input type="checkbox"/> Brandt Reiter | Fine Arts & Communication |
| <input type="checkbox"/> Jessie Lopez | Health Occupations |
| <input type="checkbox"/> VACANT | Business Education |
| <input type="checkbox"/> Lora Campeau | Science, Engineering, and Math |
| <input type="checkbox"/> Lynn Serwin | Liberal Arts |
| <input type="checkbox"/> Monica Lopez | Library |
| <input type="checkbox"/> Carrie Edwards (Chair) | Health, Physical Education, Dance, and Athletics |
| <input type="checkbox"/> Ken Matsuura | Articulation |
| <input type="checkbox"/> Mickey Micic | Technology |
| <input type="checkbox"/> VACANT | Humanities and Social Sciences |
| <input type="checkbox"/> Judi Holmes | Disabled Students Programs and Services |
| <input type="checkbox"/> Rick Miranda | Vice President of Academic Affairs |

Non-Voting Members:

- | | |
|--|--|
| <input type="checkbox"/> Stephanie Murguia | Dean of Admissions and Records/Registrars |
| <input type="checkbox"/> Frank Mixson | ACCME/Acting Dean of Liberal Arts |
| <input type="checkbox"/> Gary Pritchard | ACCME/Dean of Fine Arts & Communications/Acting Dean of Academic Affairs |
| <input type="checkbox"/> Andrew Maz | Vice President of Academic Senate |
| <input type="checkbox"/> Phally Lay | Curriculum Specialist |
| <input type="checkbox"/> VACANT | ASCC |

GUEST:

REASONABLE ACCOMMODATION FOR ANY INDIVIDUAL WITH A DISABILITY

Any individual with a disability, who requires reasonable accommodation to participate in a meeting, may request assistance by contacting the:

Academic Affairs's Office – 11110 Alondra Boulevard – Norwalk, California 90650

(562) 860-2451, Extension 2227

Copies of the agenda materials are available in the Academic Affairs's Office or available online at

<http://cms.cerritos.edu/curriculum/agendas/>

C. PUBLIC COMMENTS

D. MEETING MINUTES

1. January 24, 2019
2. January 31, 2019

E. CONSENT CALENDAR

- **SCIENCE, ENGINEERING, AND MATH**

- ENGINEERING TECHNOLOGY

- Electrical and Electronic Engineering Technician – Certificate of Achievement

- *Proposed title – Electrical and Electronic Engineering Design Technician – Certificate of Achievement*
 - Modification: program title change only

- **HEALTH OCCUPATIONS**

- SPEECH LANGUAGE AND PATHOLOGY

- SLP 105 – Speech and Language Development in Children

- Content Review:
Recommendation: Recommendation: ENGL 52, or ENGL 72, or ESL 152, or equivalent with a grade of “C” or higher or “Pass”, OR completion of the assessment/placement process with eligibility for ENGL 100.

- **BUSINESS, HUMANITIES, AND SOCIAL SCIENCES**

- WOMEN’S AND GENDER STUDIES

- WGS 125 – Gender, Communication, and Digital Revolution

- Modification: Changing number to WGS 115 to match cross-listing course COMM 115 (replacing SPCH 125)

F. ACTION ITEMS

- ❖ **TECHNOLOGY**

- MACHINE TOOL TECHNOLOGY

- 3. MTT 111 – Programmable Logic Controllers In Automated Manufacturing

- New Course: Class size: 20

- *Associated Program:*

- *Industrial Technology Automated Manufacturing – Certificate of Achievement*
 - *Industrial Technology Automated Manufacturing – Associate in Arts*

- 4. MTT 112 – Variable Frequency Drives in Automated Manufacturing

- New Course; Class size: 20

- *Associated Program:*

- *Industrial Technology Automated Manufacturing – Certificate of Achievement*
 - *Industrial Technology Automated Manufacturing – Associate in Arts*

- 5. MTT 78 - Tool Building Using Verisurf

- Modification: *Reducing from 2 Unit (1 Lecture/3Lab) to 1 unit class (1 Lecture/1Lab) class*

- Content Review:

- Prerequisite: MTT 68 or equivalent with a grade of “C” or higher or "Pass".
 - Recommendation: ENGT 117 and MTT 56

- *Impact:*

- *Machine Tool Technology: Coordinate Metrology – Certificate of Achievement*

6. MTT 91L – CNC Mill Machining Laboratory

Modification: *Removing MTT 76 from prerequisite, removing Corequisite MTT 56*

Content Review:

- Prerequisite: MTT 51 and MTT 52, with grades of “C” or higher or "Pass"

7. MTT 95L – CNC Lathe Machining Laboratory

Modification: *Removing MTT 77 from prerequisite, removing Corequisite MTT 56*

Content Review:

- Prerequisite: MTT 57 and MTT 59 with grades of “C” or higher or "Pass"

8. MTT 168 – Advanced Computer-Assisted Inspection Using Verisurf

Modification: *Reducing from 2 Unit (1 Lecture/3 Lab) to 1 unit class (1 Lecture/1Lab) class*

Content Review:

- Prerequisite: MTT 68 or equivalent with a grade of “C” or higher or "Pass".
- Recommendation: ENGT 117 and MTT 56.

Impact:

- *Machine Tool Technology: Coordinate Metrology – Certificate of Achievement*

9. MTT 50 – CNC Shop Math

Inactivation

Impact:

- *Program Machine Tool Technology: Coordinate Metrology Cert*

MTT 75 – GibbsCam Multi-Axis Machining

Inactivation

Impact:

- *Machine Tool Technology: Numerical Control Tool Programmer Option – Associate in Arts*
- *Machine Tool Technology: Tool Programmer Option – Associate in Arts*

MTT 77 – GibbsCam Turning

Inactivation

Impact:

- *MTT 95L (prerequisite)*

MTT 93L – Virtual Gibbs Laboratory

Inactivation

Impact:

- *Machine Tool Technology: Numerical Control Tool Programmer Option – Associate in Arts*

MTT 177 – Advanced GibbsCam

Inactivation

Impact:

- *New Product Development and Fabrication – Certificate of Achievement*
- *New Product Development: Automotive Aftermarket Product Development Option – Associate in Science*

10. Industrial Technology Automated Manufacturing – Associate in Arts

Modification: *Adding new courses MTT 111 and MTT 112*

11. Industrial Technology Automated Manufacturing – Certificate of Achievement

Modification: *Adding new courses MTT 111 and MTT 112*

12. Machine Tool Technology: Coordinate Metrology – Certificate of Achievement
Modification: *Remove MTT 50; Unit change to MTT 78 and MTT 168*

ENGINEERING DESIGN TECHNOLOGY

13. ENGT 102 - Arduino for Internet of Things and Embedded Systems Design

New Course, Class size: 30

Distance Education

Associated Programs:

- *Engineering Technology – Certificate of Achievement*
- *Engineering Technology – Associate in Arts*

14. ENGT 106 – Introduction to Drones (SUAS) Technology

New Course, Class size: 30

Distance Education

Associated Programs:

- *Engineering Technology – Certificate of Achievement*
- *Engineering Technology – Associate in Arts*

15. ENGT 137 - Cloud Based 3D Modelling with Fusion 360

New course, Class size: 30

Distance Education

General Education:

- Plan A: C1. Fine Arts

Associated Programs:

- *Engineering Technology – Certificate of Achievement*

16. ENGT 139 - Cloud based 3d modeling with Onshape

New Course, Class size: 30

Distance Education

Associated Programs:

- *Engineering Technology – Certificate of Achievement*
- *Engineering Technology – Associate in Arts*

17. ENGT 267 - MoldFlow simulations and plastic products design

New course, Class size: 30

Distance Education

Associated Programs:

- *Engineering Technology – Certificate of Achievement*
- *Engineering Technology – Associate in Arts*

18. ENGT 103 – Introduction to Engineering and Design Using Inventory

Modification: adding distance education option

Distance Education

Impact:

- *None*

19. ENGT 116 – Blueprint Reading

Modification: adding distance education option

Content Review:

- Recommendation: ENGT 131 or equivalent with a grade of “C” or higher or "Pass" .

Distance Education

Impact:

- *None*

20. ENGT 131 – Design Fundamentals Including 3D Modeling

Modification: adding prerequisite and distance education option

Content Review:

- Recommendation: ENGT 116 or equivalent with a grade of “C” or higher or "Pass"

Distance Education

Impact:

- *None*

21. ENGT 138 - Introduction to Engineering Design Using AutoCAD

Modification: adding distance education option

Content Review:

- Recommendation: ENGT 116, and ENGT 131, or equivalent with a grade of “C” or higher or "Pass" or appropriate work experience.

Distance Education

Impact:

- *None*

22. ENGT 237 - Statics and Strength of Materials

Modification: adding distance education option, removing prerequisite

Content Review:

- Remove

Distance Education

Impact:

- *None*

23. ENGT 257 - Advanced Modeling Using Inventor

Modification: adding distance education option

Content Review:

- Recommendation: ENGT 103 or equivalent with a grade of “C” or higher or "Pass".

Distance Education

Impact:

- *None*

24. ENGT 259 – Introduction to SolidWorks

Modification: adding distance education option, removing prerequisite option

Content Review:

- None

Distance Education

Impact:

- *None*

25. Engineering Design Technology – Certificate of Achievement

Modification: Removing MTT 177 as an elective. Removing NPD 108. Course will no longer be offered.

Adding ENGT 102, ENGT 106, ENGT 131, ENGT 137, ENGT 139, and ENGT 259.

26. Engineering Design Technology – Associate in Arts

Modification: Removing MTT 177 as an elective. Removing NPD 108. Course will no longer be offered.

Adding ENGT 102, ENGT 106, ENGT 131, ENGT 137, ENGT 139, and ENGT 259

NEW PRODUCT DEVELOPMENT

27. New Product Development: After Market Product Development – Associate in Science

Modification: removing MTT 177

28. New Product Development and Fabrication Option – Certificate of Achievement

Modification: *Remove MTT 177*

G. TABLED ITEMS

Woodworking Manufacture Technologies

TABLED for Inactivation – At the September 13, 2018 Curriculum Meeting – Pending Chancellor's Office approval of impacted programs:

- WMT 235 – Windsor Chair
- WMT 287 – 5-Axis CNC Woodworking

English

TABLED for Inactivation – At the October 11, 2018 Curriculum Meeting – Pending Chancellor's Office approval of impacted programs:

- ENGL 101 – Critical Thinking through Literature
- ENGL 238 – Classic Islamic Literature

Interdisciplinary Program

TABLED – At the October 25, 2018 Curriculum Meeting – for pending multiple changes from several departments

- Liberal Arts and Science: Self-Development & Social Behavior – Associate in Art
Modification: adding new course READ 101 and READ 102

Business, Humanities, and Social Sciences

TABLED – At the January 31, 2019 Curriculum Meeting – for incomplete narrative

- Business Essentials – Certificate of Achievement
Modification: updating SPCH prefix to COMM

TABLED – At the January 31, 2019 Curriculum Meeting – department chair will be making additional changes to the program

- Business Administration: Small Business Management Entrepreneurship – Certificate of Achievement
Modification: updating SPCH prefix to COMM
- Business Administration: Small Business Management Entrepreneurship – Associate in Arts
Modification: updating SPCH prefix to COMM

TABLED – At the January 31, 2019 Curriculum Meeting – Faculty requested to postponed to another meeting (TBA)

- RE 50 – Introduction to Real Estate Application
Proposed new title: Computer Application in Real Estate
Modification: Updating course title
- California Real Estate – Certificate of Achievement
Modification: Updating course title to RE 50 and updating units to ACCT 101

- Real Estate – Associate in Arts
Modification: updating course title to RE 50
- Real Estate – Certificate of Achievement
Modification: updating course title to RE 50

H. DISCUSSION ITEMS

- 2019 Spring Curriculum Regional Meeting – South
Irvine Valley College
Performing Arts Center (PAC)
Saturday, March 16, 2019
9:00 am -5:00 pm
Registration Fee: *Free!*

I. REPORTS

J. REMINDERS

- Corrections due back February 21, 2019

K. ADJOURNMENT

CE/pl

Items 3-8, 13-24 relates to Goal A – Strengthening the culture of completion
Items 10-12, 25-28 relates to Goal B – Ensuring program alignment by strengthening partnership