

Undergraduate Committee Meeting

Agenda

AY 2021-2022

9:00 am – 11:00 am



AGENDA – February 11, 2022

1) Chairs Call to Order

2) Roll Call

| | | |
|---|-------------------|--|
| Business and Entrepreneurship | Ahmed Elnahas | |
| Engineering and Computer Science | Mounir Ben Ghalia | |
| Education and P-16 Integration | Janine Schall | |
| Fine Arts | Robert Gilbert | |
| Health Professions | Fidencio Mercado | |
| School of Nursing | Betty John | |
| School of Social Work | Noelia Alonzo | |
| Liberal Arts | Lucas Espinoza | |
| Science | Nicolas Pereyra | |
| University College | Marilyn Hagerty | |
| University Library | Justin White | |
| Ex- Officio | Laura M. Saenz | |

3) Consent Agenda

a) Minutes from January 28, 2022

4) New Business: Review of Submissions

a) **Vackar College of Business and Entrepreneurship**

i) Department of Marketing – **Presenter: Marvin Lovett**

(1) New course

| Name | Type | Comments | Effective Catalog Year |
|---|------------|--|------------------------|
| MARK 4355 Marketing Analytics | New Course | New course for all the Marketing degree plans to be included in the advanced electives and the concentration electives course lists. | 2022-2023 |

(2) Change program

| Name | Type | Comments | Effective Catalog Year |
|---|----------------|--|------------------------|
| Marketing, Bachelor of Business Administration | Change Program | Change includes the new course MARK 4355 in the advanced electives course list. | 2022-2023 |
| Marketing (Branding and Communication), Bachelor of Business Administration | Change Program | Change includes the new course MARK 4355 in the concentration electives course list. | 2022-2023 |

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|--|----------------|--|-----------|
| Marketing (Design, Commercialization and Development), Bachelor of Business Administration | Change Program | Change includes the new course MARK 4355 in the concentration electives course list. | 2022-2023 |
| Marketing (Entertainment and Business), Bachelor of Business Administration | Change Program | Change includes the new course MARK 4355 in the concentration electives course list. | 2022-2023 |
| Marketing (Hospitality and Tourism), Bachelor of Business Administration | Change Program | Change includes the new course MARK 4355 in the concentration electives course list. | 2022-2023 |

b) College of Health Professions

i) Department of Communication Disorders – **Presenter: Brian Cheslik**

(1) New courses

| Name | Type | Comments | Effective Catalog Year |
|---|------------|---|------------------------|
| ASLI 3324 Fingerspelling & Numbering Systems in ASL | New Course | New course offered as an alternate/substitute course for both the American Sign Language and Interpreting concentrations. | 2022-2023 |
| ASLI 4340 Interpreting for the Stage | New Course | New course offered an alternate/substitute for both the American Sign Language and Interpreting concentrations. | 2022-2023 |

(2) Change programs

| Name | Type | Comments | Effective Catalog Year |
|---|----------------|--|------------------------|
| American Sign Language and Interpretation (Communication Studies Concentration), Bachelor of Science | Change Program | Change to include ASLI 3324 and ASLI 4340 as allowable courses to substitute when students are waived from ASL courses due to department assessed sign language proficiency. | 2022-2023 |
| American Sign Language and Interpretation (Spanish Translation and Interpreting), Bachelor of Science | Change Program | Change to include ASLI 3324 and ASLI 4340 as allowable courses to substitute when students are waived from ASL courses due to department assessed sign language proficiency. | 2022-2023 |

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c) College of Engineering and Computer Science

i) Department of Electrical and Computer Engineering – **Presenters: Hasina Huq, Jun Peng, Andres Medina**

(1) **New courses**

| Name | Type | Comments | Effective Catalog Year |
|--|------------|--|------------------------|
| EECE 1101 Introduction to Electrical and Computer Engineering | New Course | New Prefix for the department of Electrical and Computer Engineering. Deleting ELEE and CMPE prefixes. | 2022-2023 |
| EECE 2105 Electric Circuits Lab I | New Course | New Prefix for the department of Electrical and Computer Engineering. Deleting ELEE and CMPE prefixes. | 2022-2023 |
| EECE 2130 Digital Systems Engineering Lab I | New Course | New Prefix for the department of Electrical and Computer Engineering. Deleting ELEE and CMPE prefixes. | 2022-2023 |
| EECE 2146 Practicum of Mathematics for Electrical and Computer Engineering | New Course | New Prefix for the department of Electrical and Computer Engineering. Deleting ELEE and CMPE prefixes. | 2022-2023 |
| EECE 2305 Electric Circuits I | New Course | New Prefix for the department of Electrical and Computer Engineering. Deleting ELEE and CMPE prefixes. | 2022-2023 |
| EECE 2317 Electrical and Electronics Systems | New Course | New Prefix for the department of Electrical and Computer Engineering. Deleting ELEE and CMPE prefixes. | 2022-2023 |
| EECE 2319 Numerical Computation and Data Visualization | New Course | New Prefix for the department of Electrical and Computer Engineering. Deleting ELEE and CMPE prefixes. | 2022-2023 |
| EECE 2330 Digital Systems Engineering I | New Course | New Prefix for the department of Electrical and Computer Engineering. Deleting ELEE and CMPE prefixes. | 2022-2023 |
| EECE 3101 Electronics I Lab | New Course | New Prefix for the department of Electrical and Computer Engineering. Deleting ELEE and CMPE prefixes. | 2022-2023 |
| EECE 3225 Electrical Engineering Lab I | New Course | New Prefix for the department of Electrical and Computer Engineering. Deleting ELEE and CMPE prefixes. | 2022-2023 |
| EECE 3230 Electrical Engineering Lab II | New Course | New Prefix for the department of Electrical and Computer Engineering. Deleting ELEE and CMPE prefixes. | 2022-2023 |
| EECE 3300 Electrical Engineering Coop/Internship | New Course | New Prefix for the department of Electrical and Computer Engineering. Deleting ELEE and CMPE prefixes. | 2022-2023 |

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|--|------------|--|-----------|
| EECE 3301 Electronics I | New Course | New Prefix for the department of Electrical and Computer Engineering. Deleting ELEE and CMPE prefixes. | 2022-2023 |
| EECE 3302 Electronics II | New Course | New Prefix for the department of Electrical and Computer Engineering. Deleting ELEE and CMPE prefixes. | 2022-2023 |
| EECE 3315 Electromagnetics Engineering | New Course | New Prefix for the department of Electrical and Computer Engineering. Deleting ELEE and CMPE prefixes. | 2022-2023 |
| EECE 3321 Signals and Systems | New Course | New Prefix for the department of Electrical and Computer Engineering. Deleting ELEE and CMPE prefixes. | 2022-2023 |
| EECE 3331 Microcontroller and Embedded Systems Lab | New Course | New Prefix for the department of Electrical and Computer Engineering. Deleting ELEE and CMPE prefixes. | 2022-2023 |
| EECE 3340 Probability and Statistics for Electrical and Computer Engineers | New Course | New Prefix for the department of Electrical and Computer Engineering. Deleting ELEE and CMPE prefixes. | 2022-2023 |
| EECE 3370 Power Electronics | New Course | New Prefix for the department of Electrical and Computer Engineering. Deleting ELEE and CMPE prefixes. | 2022-2023 |
| EECE 3371 Electrical Power Systems | New Course | New Prefix for the department of Electrical and Computer Engineering. Deleting ELEE and CMPE prefixes. | 2022-2023 |
| EECE 3435 Microprocessor Systems | New Course | New Prefix for the department of Electrical and Computer Engineering. Deleting ELEE and CMPE prefixes. | 2022-2023 |
| EECE 4185 Research Seminar | New Course | New Prefix for the department of Electrical and Computer Engineering. Deleting ELEE and CMPE prefixes. | 2022-2023 |
| EECE 4300 Internship in Computer Engineering | New Course | New Prefix for the department of Electrical and Computer Engineering. Deleting ELEE and CMPE prefixes. | 2022-2023 |
| EECE 4303 Digital Systems Engineering II | New Course | New Prefix for the department of Electrical and Computer Engineering. Deleting ELEE and CMPE prefixes. | 2022-2023 |
| EECE 4321 Automatic Control | New Course | New Prefix for the department of Electrical and Computer Engineering. Deleting ELEE and CMPE prefixes. | 2022-2023 |
| EECE 4323 Rapid Control Prototyping | New Course | New Prefix for the department of Electrical and Computer Engineering. Deleting ELEE and CMPE prefixes. | 2022-2023 |
| EECE 4325 Introduction to Robotics | New Course | New Prefix for the department of Electrical and Computer Engineering. Deleting ELEE and CMPE prefixes. | 2022-2023 |

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|--|------------|--|-----------|
| EECE 4328 Solid State Devices | New Course | New Prefix for the department of Electrical and Computer Engineering. Deleting ELEE and CMPE prefixes. | 2022-2023 |
| EECE 4333 Topics in Electrical and Computer Engineering | New Course | New Prefix for the department of Electrical and Computer Engineering. Deleting ELEE and CMPE prefixes. | 2022-2023 |
| EECE 4351 Communication Theory | New Course | New Prefix for the department of Electrical and Computer Engineering. Deleting ELEE and CMPE prefixes. | 2022-2023 |
| EECE 4360 High Frequency Engineering | New Course | New Prefix for the department of Electrical and Computer Engineering. Deleting ELEE and CMPE prefixes. | 2022-2023 |
| EECE 4361 Senior Design I | New Course | New Prefix for the department of Electrical and Computer Engineering. Deleting ELEE and CMPE prefixes. | 2022-2023 |
| EECE 4362 Senior Design II | New Course | New Prefix for the department of Electrical and Computer Engineering. Deleting ELEE and CMPE prefixes. | 2022-2023 |
| EECE 4364 Antennas and Propagation | New Course | New Prefix for the department of Electrical and Computer Engineering. Deleting ELEE and CMPE prefixes. | 2022-2023 |
| EECE 4365 Digital Signal Processing | New Course | New Prefix for the department of Electrical and Computer Engineering. Deleting ELEE and CMPE prefixes. | 2022-2023 |
| EECE 4368 Electrokinetics for Microsystems | New Course | New Prefix for the department of Electrical and Computer Engineering. Deleting ELEE and CMPE prefixes. | 2022-2023 |
| EECE 4372 Electric Machinery & Power Systems Fund | New Course | New Prefix for the department of Electrical and Computer Engineering. Deleting ELEE and CMPE prefixes. | 2022-2023 |
| EECE 4373 Renewable Energy | New Course | New Prefix for the department of Electrical and Computer Engineering. Deleting ELEE and CMPE prefixes. | 2022-2023 |
| EECE 4375 Introduction to VLSI Design | New Course | New Prefix for the department of Electrical and Computer Engineering. Deleting ELEE and CMPE prefixes. | 2022-2023 |
| EECE 4378 Signal Integrity and Electromagnetic Compatibility | New Course | New Prefix for the department of Electrical and Computer Engineering. Deleting ELEE and CMPE prefixes. | 2022-2023 |
| EECE 4380 Computer Architecture | New Course | New Prefix for the department of Electrical and Computer Engineering. Deleting ELEE and CMPE prefixes. | 2022-2023 |
| EECE 4390 Communications Networks | New Course | New Prefix for the department of Electrical and Computer Engineering. Deleting ELEE and CMPE prefixes. | 2022-2023 |

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(2) Delete courses

| Name | Type | Comments | Effective Catalog Year |
|---|---------------|---|------------------------|
| ELEE 1101 Introduction to Electrical Engineering | Delete Course | This course is being created under the new prefix EECE. | 2022-2023 |
| ELEE 2105 Electric Circuits I Lab | Delete Course | This course is being created under the new prefix EECE. | 2022-2023 |
| ELEE 2130 Digital Systems Engineering I Lab | Delete Course | This course is being created under the new prefix EECE. | 2022-2023 |
| ELEE 2305 Electric Circuits I | Delete Course | This course is being created under the new prefix EECE. | 2022-2023 |
| ELEE 2317 Electrical and Electronic Systems | Delete Course | This course is being created under the new prefix EECE. | 2022-2023 |
| ELEE 2319 Numerical Computation and Data Visualization | Delete Course | This course is being created under the new prefix EECE. | 2022-2023 |
| ELEE 2330 Digital Systems Engineering I | Delete Course | This course is being created under the new prefix EECE. | 2022-2023 |
| ELEE 3101 Electronics I Lab | Delete Course | This course is being created under the new prefix EECE. | 2022-2023 |
| ELEE 3225 Electrical Engineering Lab I | Delete Course | This course is being created under the new prefix EECE. | 2022-2023 |
| ELEE 3230 Electrical Engineering II Lab | Delete Course | This course is being created under the new prefix EECE. | 2022-2023 |
| ELEE 3300 Electrical Engineering Coop/Internship | Delete Course | This course is being created under the new prefix EECE. | 2022-2023 |
| ELEE 3301 Electronics I | Delete Course | This course is being created under the new prefix EECE. | 2022-2023 |
| ELEE 3302 Electronics II | Delete Course | This course is being created under the new prefix EECE. | 2022-2023 |
| ELEE 3315 Electromagnetics Engineering | Delete Course | This course is being created under the new prefix EECE. | 2022-2023 |
| ELEE 3321 Signals and Systems | Delete Course | This course is being created under the new prefix EECE. | 2022-2023 |
| ELEE 3331 Microcontroller and Embedded Systems Lab | Delete Course | This course is being created under the new prefix EECE. | 2022-2023 |
| ELEE 3340 Probability and Statistics for Electrical Engineers | Delete Course | This course is being created under the new prefix EECE. | 2022-2023 |
| ELEE 3370 Power Electronics | Delete Course | This course is being created under the new prefix EECE. | 2022-2023 |
| ELEE 3371 Electrical Power Systems | Delete Course | This course is being created under the new prefix EECE. | 2022-2023 |

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|--|---------------|---|-----------|
| ELEE 3435 Microprocessor Systems | Delete Course | This course is being created under the new prefix EECE. | 2022-2023 |
| ELEE 4303 Digital Systems Engineering II | Delete Course | This course is being created under the new prefix EECE. | 2022-2023 |
| ELEE 4321 Automatic Controls | Delete Course | This course is being created under the new prefix EECE. | 2022-2023 |
| ELEE 4323 Rapid Control Prototyping | Delete Course | This course is being created under the new prefix EECE. | 2022-2023 |
| ELEE 4325 Introduction to Robotics | Delete Course | This course is being created under the new prefix EECE. | 2022-2023 |
| ELEE 4328 Solid State Devices | Delete Course | This course is being created under the new prefix EECE. | 2022-2023 |
| ELEE 4333 Topics in Electrical Engineering | Delete Course | This course is being created under the new prefix EECE. | 2022-2023 |
| ELEE 4351 Communication Theory | Delete Course | This course is being created under the new prefix EECE. | 2022-2023 |
| ELEE 4360 High Frequency Engineering | Delete Course | This course is being created under the new prefix EECE. | 2022-2023 |
| ELEE 4361 Senior Design I | Delete Course | This course is being created under the new prefix EECE. | 2022-2023 |
| ELEE 4362 Senior Design II | Delete Course | This course is being created under the new prefix EECE. | 2022-2023 |
| ELEE 4364 Antennas and Propagation | Delete Course | This course is being created under the new prefix EECE. | 2022-2023 |
| ELEE 4365 Digital Signal Processing | Delete Course | This course is being created under the new prefix EECE. | 2022-2023 |
| ELEE 4366 Image Processing | Delete Course | Delete course – untaught for over 3 years. | 2022-2023 |
| ELEE 4367 Fiber Optic Communications | Delete Course | Delete course – untaught for over 3 years. | 2022-2023 |
| ELEE 4368 Electrokinetics for Microsystems | Delete Course | This course is being created under the new prefix EECE. | 2022-2023 |
| ELEE 4372 Electrical Machines and Power Systems Fundamentals | Delete Course | This course is being created under the new prefix EECE. | 2022-2023 |
| ELEE 4373 Renewable Energy | Delete Course | This course is being created under the new prefix EECE. | 2022-2023 |
| ELEE 4375 Introduction to VLSI Design | Delete Course | This course is being created under the new prefix EECE. | 2022-2023 |
| ELEE 4380 Computer Architecture | Delete Course | This course is being created under the new prefix EECE. | 2022-2023 |
| ELEE 4390 Communications Networks | Delete Course | This course is being created under the new prefix EECE. | 2022-2023 |
| CMPE 1101 Introduction to Computer Engineering | Delete Course | This course is being created under the new prefix EECE. | 2022-2023 |

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|---|---------------|---|-----------|
| CMPE 2120 Electric Circuits I Lab | Delete Course | This course is being created under the new prefix EECE. | 2022-2023 |
| CMPE 2130 Digital Systems Engineering I Lab | Delete Course | This course is being created under the new prefix EECE. | 2022-2023 |
| CMPE 2320 Electric Circuits I | Delete Course | This course is being created under the new prefix EECE. | 2022-2023 |
| CMPE 2330 Digital Systems Engineering I | Delete Course | This course is being created under the new prefix EECE. | 2022-2023 |
| CMPE 3226 Electrical Engineering I Lab | Delete Course | This course is being created under the new prefix EECE. | 2022-2023 |
| CMPE 3300 Internship in Computer Engineering | Delete Course | This course is being created under the new prefix EECE. | 2022-2023 |
| CMPE 3322 Signals and Systems | Delete Course | This course is being created under the new prefix EECE. | 2022-2023 |
| CMPE 3331 Microcontroller and Embedded Systems Lab | Delete Course | This course is being created under the new prefix EECE. | 2022-2023 |
| CMPE 3343 Probability and Statistics for Electrical Engineers | Delete Course | This course is being created under the new prefix EECE. | 2022-2023 |
| CMPE 3437 Microprocessor Systems | Delete Course | This course is being created under the new prefix EECE. | 2022-2023 |
| CMPE 4185 Research Seminar | Delete Course | This course is being created under the new prefix EECE. | 2022-2023 |
| CMPE 4303 Digital Systems Engineering II | Delete Course | This course is being created under the new prefix EECE. | 2022-2023 |
| CMPE 4335 Computer Architecture | Delete Course | This course is being created under the new prefix EECE. | 2022-2023 |
| CMPE 4365 Digital Signal Processing | Delete Course | This course is being created under the new prefix EECE. | 2022-2023 |
| CMPE 4366 Image Processing | Delete Course | Delete course – untaught for over 3 years. | 2022-2023 |
| CMPE 4367 Fiber Optic Communications | Delete Course | Delete course – untaught for over 3 years. | 2022-2023 |
| CMPE 4371 Senior Design I Software | Delete Course | This course is being created under the new prefix EECE. | 2022-2023 |
| CMPE 4372 Senior Design II Software | Delete Course | This course is being created under the new prefix EECE. | 2022-2023 |
| CMPE 4373 Senior Design I Hardware | Delete Course | This course is being created under the new prefix EECE. | 2022-2023 |
| CMPE 4374 Senior Design II Hardware | Delete Course | This course is being created under the new prefix EECE. | 2022-2023 |
| CMPE 4375 Introduction to VLSI Design | Delete Course | This course is being created under the new prefix EECE. | 2022-2023 |
| CMPE 4378 Signal Integrity and Electromagnetic Compatibility | Delete Course | This course is being created under the new prefix EECE. | 2022-2023 |

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|---|---------------|---|-----------|
| CMPE 4390 Communications Networks | Delete Course | This course is being created under the new prefix EECE. | 2022-2023 |
|---|---------------|---|-----------|

(3) New programs

| Name | Type | Comments | Effective Catalog Year |
|--|-------------|---|------------------------|
| Computer Engineering, Bachelor of Science Computer Engineering | New Program | The Computer Engineering program has been offered with three concentrations. This new degree plan eliminates the General, Software and Hardware concentrations. | 2022-2023 |

(4) Change programs

| Name | Type | Comments | Effective Catalog Year |
|--|----------------|--|------------------------|
| Electrical Engineering, Bachelor of Science Electrical Engineering | Change Program | Change program includes the replacement of the ELEE courses with the EECE courses. | 2022-2023 |
| Electrical Engineering, Minor | Change Program | Change program includes the replacement of the ELEE courses with the EECE courses. | 2022-2023 |
| Computer Engineering, Minor | Change Program | Change program includes the replacement of the CMPE courses with the EECE courses. | 2022-2023 |

(5) Delete programs

| Name | Type | Comments | Effective Catalog Year |
|---|----------------|--|------------------------|
| Computer Engineering (General), Bachelor of Science Computer Engineering | Delete Program | The concentration has been removed and the new degree plan for Computer Engineering was created. | 2022-2023 |
| Computer Engineering (Hardware), Bachelor of Science Computer Engineering | Delete Program | The concentration has been removed and the new degree plan for Computer Engineering was created. | 2022-2023 |
| Computer Engineering (Software), Bachelor of Science Computer Engineering | Delete Program | The concentration has been removed and the new degree plan for Computer Engineering was created. | 2022-2023 |

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ii) Department of Computer Science – **Presenter: Nazmul Islam**

(1) Change course

| Name | Type | Comments | Effective Catalog Year |
|---|---------------|---|------------------------|
| CSCI 1370 Computer Science I for Majors | Change Course | Change includes updating the Prerequisite Narrative to include the new prefix EECE courses. | 2022-2023 |
| CSCI 3334 Systems Programming | Change Course | Change includes updating the Prerequisite Narrative to include the new prefix EECE courses. | 2022-2023 |
| CSCI 3340 Software Engineering I | Change Course | Change includes updating the Prerequisite Narrative to include the new prefix EECE courses. | 2022-2023 |
| CSCI 4334 Operating Systems | Change Course | Change includes updating the Prerequisite Narrative to include the new prefix EECE courses. | 2022-2023 |

(2) Change program

| Name | Type | Comments | Effective Catalog Year |
|--|----------------|--|------------------------|
| Computer Science, Bachelor of Science Computer Science | Change Program | Change includes the replacement of the ELEE courses with the EECE courses. | 2022-2023 |

iii) Department of Manufacturing and Industrial Engineering – **Presenter: Rajiv Mambiar**

(1) Change program

| Name | Type | Comments | Effective Catalog Year |
|--|----------------|--|------------------------|
| Manufacturing Engineering, Bachelor of Science Manufacturing Engineering | Change Program | Change includes the replacement of the ELEE courses with the EECE courses. | 2022-2023 |

d) College of Sciences

i) Department of Mathematical and Statistical Sciences – **Presenter: TBD**

(1) Delete program

| Name | Type | Comments | Effective Catalog Year |
|------|------|----------|------------------------|
|------|------|----------|------------------------|

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| | | | |
|--|---------------|--|-----------|
| MATH 2146 Math Practicum for Electrical and Computer Engineering | Delete Course | This course will be offered under the new EECE prefix for the department of Electrical and Computer Engineering. | 2022-2023 |
|--|---------------|--|-----------|

5) Announcements/Informational Items

- a) Next meeting – March 11, 2022 - **This is the last meeting that we will accept curriculum changes. Due date for materials approved through the Dean's level is February 25th.**
- b) Next Joint meeting - February 18th - **Due date for fast-track and cross-leveled courses (undergraduate scheduled with graduate) materials with all signatures is February 11th.**
- c) April meeting – **will be used to present untaught courses for deletion in the course inventory with a report of impact to programs of study.**

6) Adjournment