The Department of Electrical and Computer Engineering within the College of Engineering is proposing revisions to its MS and PhD degrees in Electrical and Computer Engineering. The revision will eliminate a 1 credit course in engineering ethics and professionalism (ECE 7080) and replace it with a 1 credit course offered by the Department of Philosophy in the College of Arts and Sciences.

The proposal was received by the Graduate School on 25 February 2019. It was reviewed by the combined GS/CAA Curriculum subcommittee, co-chaired by Associate Dean Shari Speer and Faculty Fellow Jennifer Schlueter, on 4 March 2019 and revisions were requested. Those revisions were moved forward to the Graduate Council, where the proposal was reviewed and unanimously approved by that body on 29 March 2019.
To: Randy Smith, Vice Provost for Academic Programs, Office of Academic Affairs

From: Rosie Quinzon-Bonello, Assistant Dean for Curriculum and Assessment

Date: February 27, 2019

Re: Program Change Proposal: Master of Science and Doctor of Philosophy Programs in Electrical and Computer Engineering

Attached is a program change proposal submitted by the Department of Electrical and Computer Engineering in the Master of Science and Doctor of Philosophy programs in Electrical and Computer Engineering.

The College of Engineering Committee of Academic Affairs unanimously approved the proposal on February 15, 2019. If you have additional questions or require additional information, please feel free to contact me.

Yours sincerely,

Rosie Quinzon-Bonello
November 26, 2018

Alicia Bertone, Vice Provost for Graduate Studies and Dean of the Graduate School
University Hall
230 North Oval Mall
Columbus, OH 43210

Re: Proposal to update the curriculum for the ECE MS and PhD programs

Dear Dean Bertone:

The faculty of the Department of Electrical and Computer Engineering have proposed to change the ECE core courses required for the Masters of Science and Doctor of Philosophy programs in Electrical and Computer Engineering Engineering degree programs, effective for students starting at The Ohio State University in Autumn of 2019. In brief, we eliminate a 1-credit course in engineering ethics and professionalism ECE 7080 and replace it with a similar one-credit graduate course offered by the Department of Philosophy (new course number to be determined).

The proposal, the current and proposed curriculum sheets, and a letter of support from Philosophy are attached.

The ECE faculty approved the proposed changes by an email vote of 32 in favor and 0 opposed.

We are requesting approval of the proposed changes by the Graduate School.

Sincerely,

Hesham El Gamal
Department Chair
Electrical and Computer Engineering

cc: B.L. Anderson, Associate Chair
Andrea Serrani, Graduate Studies Chair
Program change proposal: Master of Science and Doctor of Philosophy Programs in Electrical and Computer Engineering
August 21, 2018

Executive Summary
We propose to eliminate our current requirement for ECE 7080 Ethics and Professionalism (1 credit hour), and instead require all ECE graduate students to take PHILOS XXXX (1 credit hour). The change is proposed for both the Master of Science and the Doctor of Philosophy programs.

Contact:
Betty Lise Anderson, Associate Chair, Electrical and Computer Engineering
Anderson.67@osu.edu

Motivation/Rationale
The Department of Electrical and Computer Engineers strongly believes that all students should study ethics and professionalism. For many years we have offered and required ECE 7080, a one-credit course, on these subjects. We have difficulty staffing this course, so the Department of Philosophy will take it over. The new course number is PHILOS XXXX.

Effective Date
This change will be effective for students entering our graduate program Autumn 2019.

Transition Plan
Graduate students may count either ECE 7080 or PHILOS XXXX toward the ethics requirement of their degrees.

Attachments
Attachment 1: Current MSECE program requirements summary
Attachment 2: Proposed MSECE program requirements summary
Attachment 3: Current PhD- ECE program requirements summary
Attachment 4: Proposed PhD-ECE program requirements summary
Master of Science Degree Requirements

The M.S. degree is offered in Electrical and Computer Engineering with two options: research track (thesis) and project track (non-thesis). A minimum of 30 Graduate credit hours is required to earn a master’s degree. A student must be registered for at least three (3) graduate credit hours the semester in which graduation is expected. Students also must submit an advisor-approved MS plan of study to the ECE program coordinator by the end of their first semester.

Summary Requirements for Project Path Option

<table>
<thead>
<tr>
<th>MS Project Path (non-thesis): Minimum 30 credits*</th>
<th>ECE Graduate Courses: Minimum 15 credits*</th>
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<tr>
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<td>and statistics.</td>
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* Submit an advisor-approved MS plan of study to the ECE Program Coordinator by the end of the first semester.

** Ohio State graduates who passed ECE 3080 are automatically exempt, and the Individual Studies maximum increases by 1 credit. Submit the MS Graduation Checkout form in the final semester.

The Non-Thesis Project Path requires at least 30 hours of graduate credit with an average grade
point average of 3.0 or better. Requirements include at least 30 credits and of these 30 credits:

- At least 24 credits must be letter-graded (no S/U), of which
  - At least 15 credits must be ECE courses, one of which is ECE 6070 (Project Management)
  - At least 6 credits must be ECE 6000 level and above completed at OSU. ECE 6070 (Project Management) does not count as an advanced requirement.
  - ECE 6070 is mandatory **within the first two semesters** of beginning the graduate program.
  - 1 credit of ECE 7080, Ethics and Professionalism. Mandatory for those admitted autumn 2015 or after. OSU grads that have passed ECE 3080 are automatically exempt and the individual study maximum increases by 1 credit.
  - A maximum of 5 credits of Individual Studies credit (ECE 6193) is permitted.
  - A maximum of 9 credits are allowed in a related field such as engineering, biological sciences, physics, math, chemistry, business, economics, ACCAD and statistics **with advisor approval**.

The non-thesis path also requires satisfactory performance on the M.S. Non-Thesis Exam. The Non-Thesis Exam is evaluated by the M.S. committee, consisting of the student's advisor and at least one other faculty member.

**Important:** Note that before starting the Non-Thesis Exam projects, students need advisor approval. In addition, students may be required to submit a one-page project proposal to their advisor for approval.

**Submit the MS Graduation Checkout form in the final semester.**

**Students who earned a BS in ECE from OSU and successfully completed ECE 3080 are exempt from taking ECE 7080. In that situation, students can take an additional credit of Individual Studies (ECE 6193).**

**Summary Requirements for the Thesis Option**
The Thesis Path requires at least 30 hours of graduate credit with an average grade of 3.0 or better. Requirements include:

1. A satisfactory thesis represented by at least 10 credits of ECE 6999 thesis research credits.
2. At least 20 credits exclusive of thesis research credits (ECE 6999). Of these 20 credits:
   - At least 18 credits must be letter-graded (no S/U), of which
     - At least 9 credits must be ECE courses
     - At least 6 credits must be ECE 6000 level and above completed at OSU. ECE 6070 does not count as advanced level.
     - A maximum of 9 credits in a related field (engineering, biological sciences, physics, math, chemistry, business, economics, ACCAD, statistics) with advisor approval.
     - 1 credit ECE 7080 Ethics and Professionalism. Mandatory for those admitted Autumn 2015 or after. OSU grads that have passed ECE 3080 are automatically exempt and the individual study maximum increases by 1 credit.
     - A maximum of 1 credit of individual studies (ECE 6193)

The thesis path also requires satisfactory performance on a final oral examination (Master’s Examination) which is a defense of the thesis, and approval of the thesis document. The thesis approval and the oral examination are conducted by the student’s M.S. committee, consisting of the faculty advisor and at least one other faculty member.

Submit the MS Graduation Checkout form in the final semester.
**Students who earned a BS in ECE at OSU and successfully completed ECE 3080 are exempt from taking ECE 7080. In that situation, students can take an additional credit of Individual Studies (ECE 6193).**

**Additional information**

**Time Limit**

Both the thesis and non-thesis M.S. programs have a six (6) year time limit for completion.

**Satisfactory Performance**

For graduation clearance, students are required by the Graduate School and ECE to be in good standing and have a minimum grade point average of 3.0.

**Requirement of Advanced ECE Courses for M.S. Degree**

Six credits of letter-graded advanced ECE courses are required for the M.S. degree. Advanced courses in semesters are defined as ECE 6000 level and above, excluding ECE 6070.

**Transfer Credit**

Not more than six graduate semester credits may be transferred from another institution.
Master of Science Degree Requirements

The M.S. degree is offered in Electrical and Computer Engineering with two options: research track (thesis) and project track (non-thesis). A minimum of 30 Graduate credit hours is required to earn a master’s degree. A student must be registered for at least three (3) graduate credit hours the semester in which graduation is expected. Students also must submit an advisor-approved MS plan of study to the ECE program coordinator by the end of their first semester.

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### Additional information

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**Transfer Credit**

Not more than six graduate semester credits may be transferred from another institution.
The Doctor of Philosophy Program

The ECE department offers two different tracks to pursue a Ph.D.

- Direct Ph.D. from B.S. degree
- Ph.D. after the M.S. degree

Summary Requirements for the Ph.D. Degree

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<td>Dissertation</td>
<td>Minimum 50 credits</td>
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<td>Letter-graded graduate courses</td>
<td>Minimum 28 credits</td>
</tr>
<tr>
<td>ECE Graduate Courses</td>
<td>Minimum 21 credits including:</td>
</tr>
<tr>
<td>- Outside primary area</td>
<td>6 credits</td>
</tr>
<tr>
<td>Graduate Courses in a related field</td>
<td>Maximum of 9 credits</td>
</tr>
<tr>
<td>ECE 7080 Ethics and Professionalism</td>
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*Note that up to 24 course credits and up to 24 dissertation credits (maximum of 48 semester credits) can be transferred from another institution, subject to approval from the Graduate Studies Committee. ECE 8891 Seminar (2 credits) is required in addition to the 80 credits.

**Ohio State graduates who passed ECE 3080 are automatically exempt, and the Individual Studies maximum increases by 1 credit.
1. Course requirements include:

- At least 30 graduate credit hours of coursework beyond the bachelor’s degree of which at least 21 credits must be ECE courses and up to 9 credits can be graduate courses in a related field.
- Of the 21 ECE graded course credits, 6 must be associated with an area of concentration outside the student’s primary area of study (does not have to match the traditional curriculum areas in department).
- Of the 30 credits of coursework, at least 28 must be letter-graded courses, 1 credit must be ECE 7080 (for those admitted autumn 2015 & after), and 1 credit can be individual studies. OSU grads that have passed ECE 3080 are automatically exempt from ECE 7080, and the individual study maximum increases by 1 credit.
- Up to 24 coursework credits and up to 24 dissertation credits (for a maximum total of 48 credits) from another institution can be transferred into the direct Ph.D. program, subject to the approval of the Graduate Studies Committee.

2. A minimum of 50 research credits (ECE 8999) leading to a dissertation embodying a significant original research contribution.

### Ph.D. after M.S. requirements

#### PhD after MS (Minimum 80 credits)*

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<tr>
<td><strong>Letter-graded</strong></td>
<td>Minimum</td>
</tr>
<tr>
<td><strong>graduate courses</strong></td>
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</tr>
<tr>
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* Note that up to 9 course credits and up to 10 dissertation credits (maximum of 19 semester credits) are transferrable from another institution past the MS, subject to approval from the Graduate Studies Committee. ECE 8891 Seminar (2 credits) is required in addition to the 80 credits.

** ECE Graduate Courses

Students are required to take a minimum of 21 credits of ECE letter-graded graduate courses. These 21 credits can come from either the MS or Ph.D. program. Six of the 21 ECE credits are from outside the primary research area.

*** Ohio State graduates who passed ECE 3080 are automatically exempt, and the Individual Studies maximum increases by 1 credit.

1. M.S. degree counts for 30 credits.

2. In addition to the M.S. degree, 14 credits of graduate coursework of which 12 must be letter-graded coursework, 1 must be ECE 7080 (for those admitted autumn 2015 & after), and 1 credit can be individual studies. OSU graduates that have passed ECE 3080 are exempt from ECE 7080 and the individual study maximum increase by 1 credit. Up to 9 coursework credits and up to 10 dissertation credits (for a maximum total of 19 credits) from another institution can be transferred past the M.S. subject to the approval of the Graduate Studies Committee.
3. A minimum of 36 research credits (ECE 8999) leading to a dissertation embodying a significant original research contribution.

4. The student must have taken at least 21 semester credits of letter graded ECE courses. These 21 credits can come from either the M.S. or Ph.D. program. The ECE courses from a non-Ohio State M.S. program must be approved by the Graduate Studies Chair as being equivalent to ECE courses at OSU. 6 of the 21 ECE credits must be associated with an area of concentration outside the student’s primary area of study (does not have to match the traditional curriculum areas in department).

5. Graduate courses taken at OSU in excess of the minimum required for the M.S. degree, can be counted toward the graduate credit hours required for the doctoral degree. The student must submit the form for approval to the ECE Graduate Studies Chair and the Graduate School.

**Summary of Additional Requirements and Steps in the Ph.D. Program**

(Both Direct from B.S. and from M.S.)

1. The Ph.D. plan of Study must be submitted by the end of the second semester.

2. Ph.D. students are expected to maintain a minimum GPA of 3.5.

3. Ph.D. students must have a permanent advisor by the end of the second semester.

4. The Ph.D. qualifying examination must be taken in the first semester of the second year of study. Two attempts are allowed.

5. Graduate seminar (ECE 8891) of at least two credit hours is required. Credit for these seminars is in addition to the 80 credit degree requirement.

6. ECE 7080 Ethics & PRofessionalism for 1 credit is required for those admitted autumn 2015 and after. If a student earned a BS in ECE at OSU, and successfully completed ECE 3080, that person is automatically exempt from taking ECE 7080, and the individual study maximum increases by 1 credit.

7. The Ph.D. proposal is submitted at the time of the candidacy examination. Two attempts are allowed.

8. Submission of at least one substantial, original paper based on the dissertation research is required.

9. Successful completion of the dissertation (Ph.D. thesis) and final oral examination complete the degree requirements.

**Ph.D. Plan of Study**

The Ph.D. Plan of Study will define an ECE primary area of emphasis, an ECE secondary area of emphasis and other graduate courses approved by the advisor. If you have an M.S. degree from another institution, a transcript must accompany the Plan of Study form. Two faculty signatures are required on the
plan prior to submission: the advisor and a secondary area faculty. The secondary area faculty signing the plan is also agreeing to serve as the secondary area examiner on the student’s candidacy exam committee, and should be from outside the student’s primary area.

Ph.D. Qualifying Examination

The Ph.D. qualifying examination (QE) serves as one of the key filters in allowing a student to pass from simple admission to the Ph.D. program to regular doctoral student status. The QE is designed in accordance with the following principles:

The purpose of the qualifying exam is to test the fundamental knowledge acquired by the student over prior coursework and assess the ability to apply this fundamental knowledge to approach research questions/problems.

Both M.S. to Ph.D. and B.S. to Ph.D. students are required to take the QE in the first semester of their second year. (Students who start in autumn semester take it during the following autumn semester. Those who start in spring take it during the following spring semester, and those who start in summer take it during the autumn semester of the next year.)

The QE must be taken during a one month window in autumn and spring semesters. The window will be the month of October for autumn semester and the month of March for spring semester. Two attempts are allowed. The second attempt must be during the time window in the semester following the semester of the failed attempt. If a student fails after two attempts, he/she is no longer in the Ph.D. program and can earn an M.S. degree after completing M.S. requirements. If the student does not take the QE during the semester he/she is required to take it, this will be considered a failed attempt.

Other Requirements

In addition to the qualifying exam, the doctoral student is expected to have a minimum 3.5 GPA and obtain a commitment from a faculty advisor on the Ph.D. Plan of Study.

Submission of a paper based on the dissertation research

Submission of at least one substantial, original paper based on the dissertation research to a refereed, archival journal is required before approval of the final defense of the dissertation is granted. A signed form from the advisor (form is online) stating the status of the paper along with a copy of the paper must be provided with the Application to Graduate at the beginning of the semester of graduation. If the paper has not yet been published, the student must provide a copy of the email acknowledging the acceptance or submission of the paper to the journal. Typically, advisors expect two or more journal papers from their Ph.D. students.
The Doctor of Philosophy Program

The ECE department offers two different tracks to pursue a Ph.D.

- Direct Ph.D. from B.S. degree
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| **Graduate Courses in a related field** | Maximum of 9 credits |
| ECE 7080 or PHILOS xxxx          | 1 credit |
| Individual Studies (ECE 8193)    | Maximum 1 credit |

* Note that up to 24 course credits and up to 24 dissertation credits (maximum of 48 semester credits) can be transferred from another institution, subject to approval from the Graduate Studies Committee. ECE 8891 Seminar (2 credits) is required in addition to the 80 credits.

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2. In addition to the M.S. degree, 14 credits of graduate coursework of which 12 must be letter-graded coursework, 1 must be ECE 7080 (for those admitted autumn 2015 & after), and 1 credit can be individual studies. OSU graduates that have passed ECE 3080 are exempt from ECE 7080 and the individual study maximum increase by 1 credit. Up to 9 coursework credits and up to 10 dissertation credits (for a maximum total of 19 credits) from another institution can be transferred past the M.S. subject to the approval of the Graduate Studies Committee.
Committee.

3. A minimum of 36 research credits (ECE 8999) leading to a dissertation embodying a significant original research contribution.

4. The student must have taken at least 21 semester credits of letter graded ECE courses. These 21 credits can come from either the M.S. or Ph.D. program. The ECE courses from a non-Ohio State M.S. program must be approved by the Graduate Studies Chair as being equivalent to ECE courses at OSU. 6 of the 21 ECE credits must be associated with an area of concentration outside the student’s primary area of study (does not have to match the traditional curriculum areas in department).

5. Graduate courses taken at OSU in excess of the minimum required for the M.S. degree, can be counted toward the graduate credit hours required for the doctoral degree. The student must submit the form for approval to the ECE Graduate Studies Chair and the Graduate School.

Summary of Additional Requirements and Steps in the Ph.D. Program

(Both Direct from B.S. and from M.S.)

1. The Ph.D. plan of Study must be submitted by the end of the second semester.

2. Ph.D. students are expected to maintain a minimum GPA of 3.5.

3. Ph.D. students must have a permanent advisor by the end of the second semester.

4. The Ph.D. qualifying examination must be taken in the first semester of the second year of study. Two attempts are allowed.

5. Graduate seminar (ECE 8891) of at least two credit hours is required. Credit for these seminars is in addition to the 80 credit degree requirement.

6. ECE 7080 Ethics & Professionalism for 1 credit is required for those admitted autumn 2015 and after. If a student earned a BS in ECE at OSU, and successfully completed ECE 3080, that person is automatically exempt from taking ECE 7080, and the individual study maximum increases by 1 credit.

7. The Ph.D. proposal is submitted at the time of the candidacy examination. Two attempts are allowed.

8. Submission of at least one substantial, original paper based on the dissertation research is required.

9. Successful completion of the dissertation (Ph.D. thesis) and final oral examination complete the degree requirements.

Ph.D. Plan of Study

The Ph.D. Plan of Study will define an ECE primary area of emphasis, an ECE secondary area of emphasis and other graduate courses approved by the advisor. If you have an M.S. degree from another institution, a transcript must accompany the Plan of Study form. Two faculty signatures are required on the
plan prior to submission: the advisor and a secondary area faculty.

The secondary area faculty signing the plan is also agreeing to serve as the secondary area examiner on the student’s candidacy exam committee, and should be from outside the student’s primary area.

**Ph.D. Qualifying Examination**

The Ph.D. qualifying examination (QE) serves as one of the key filters in allowing a student to pass from simple admission to the Ph.D. program to regular doctoral student status. The QE is designed in accordance with the following principles:

The purpose of the qualifying exam is to test the fundamental knowledge acquired by the student over prior coursework and assess the ability to apply this fundamental knowledge to approach research questions/problems.

Both M.S. to Ph.D. and B.S. to Ph.D. students are required to take the QE in the first semester of their second year. (Students who start in autumn semester take it during the following autumn semester. Those who start in spring take it during the following spring semester, and those who start in summer take it during the autumn semester of the next year.)

The QE must be taken during a one month window in autumn and spring semesters. The window will be the month of October for autumn semester and the month of March for spring semester. Two attempts are allowed. The second attempt must be during the time window in the semester following the semester of the failed attempt. If a student fails after two attempts, he/she is no longer in the Ph.D. program and can earn an M.S. degree after completing M.S. requirements. If the student does not take the QE during the semester he/she is required to take it, this will be considered a failed attempt.

**Other Requirements**

In addition to the qualifying exam, the doctoral student is expected to have a minimum 3.5 GPA and obtain a commitment from a faculty advisor on the Ph.D. Plan of Study.

**Submission of a paper based on the dissertation research**

Submission of at least one substantial, original paper based on the dissertation research to a refereed, archival journal is required before approval of the final defense of the dissertation is granted. A signed form from the advisor (form is online) stating the status of the paper along with a copy of the paper must be provided with the Application to Graduate at the beginning of the semester of graduation. If the paper has not yet been published, the student must provide a copy of the email acknowledging the acceptance or submission of the paper to the journal. Typically, advisors expect two or more journal papers from their Ph.D. students.
November 26, 2018

Betty Lise Anderson Professor, Associate Chair
Electrical and Computer Engineering
205 Dreese Laboratory | 2015 Neil Avenue Columbus, OH 43210

Dear Professor Anderson,

I write to confirm that the Department of Philosophy will be increasing the number of sections we offer of Philosophy 1332 (Ethics in the Professions: Introduction to Engineering Ethics) in order to accommodate your students. We will also create a 1-credit graduate version of this course, to be offered once a year starting in Spring 2020. We will (subject to approval by our Dean) also twice offer a one-credit version of the course for your undergraduate students during the transition between the requirements, in Spring 2020 and Spring 2021.

Sincerely,

Lisa Downing
Professor and Chair
Hi Betty Lise,
Yes, that works! I will add your response to the proposal, and forward it along to Grad Council.
Best,
Shari

Shari R. Speer, PhD
Associate Dean for Academic Affairs
Professor of Linguistics
Graduate School
250D University Hall, 230 N. Oval Mall, Columbus, OH 43210
614.292.9490
speer.21@osu.edu

From: "Anderson, Betty Lise" <anderson.67@osu.edu>
Date: Friday, March 8, 2019 at 10:46 AM
To: "Shari Speer (OSU)" <speer.21@osu.edu>, "Quinzon-Bonello, Rosario" <quinzon-bonello.1@osu.edu>
Cc: "Downing, Lisa" <downing.110@osu.edu>
Subject: Fwd: ECE Graduate Program Change Proposal - Electrical and Computer Engineering

Shari,

Here is the info from Philosophy. Does this help?

Betty Lise

Begin forwarded message:

From: “Downing, Lisa” <downing.110@osu.edu>
Subject: Re: ECE Graduate Program Change Proposal - Electrical and Computer Engineering
Date: March 7, 2019 at 10:52:08 PM EST
To: "Anderson, Betty Lise" <anderson.67@osu.edu>

Hi Betty Lise,
So our undergraduate engineering ethics course already exists, of course, though we are offering more sections now and in the future to accommodate your students. As for the 1 credit graduate course, my curriculum committee chair tells me "We received a conditional approval for PHILOS 7080 and just this morning submitted the required revisions. I expect those to get approved within the next few days." (A one credit version of the undergraduate class during the transition is also planned for next spring, as you requested, which we are planning to do under some sort of temporary designation, rather than go through the full curriculum process.)
Hope this is good news!
—Lisa

Lisa Downing
On Mar 7, 2019, at 6:17 AM, Anderson, Betty Lise <anderson.67@osu.edu> wrote:

Hi, Lisa,

Our program changes proposals are working their way through the system. Could you please comment on the thing below? Thanks!

Getting excited about all this!

Begin forwarded message:

From: "Speer, Shari" <speer.21@osu.edu>
Subject: Re: ECE Graduate Program Change Proposal - Electrical and Computer Engineering
Date: March 6, 2019 at 5:59:50 PM EST
To: "Quinzon-Bonello, Rosario" <quinzon-bonello.1@osu.edu>
Cc: "Schlueter, Jennifer" <schlueter.10@osu.edu>, "Elgamal, Hesham" <elgamal.2@osu.edu>, "Serrani, Andrea" <serrani.1@osu.edu>, "Anderson, Betty Lise" <anderson.67@osu.edu>

Dear Rosie,

At our meeting on Monday, March 4, the combined GS/CAA curriculum subcommittee, which I co-chair with Faculty Fellow Jen Schlueter, reviewed your proposal. The subcommittee was enthusiastic about the proposal, and particularly enthusiastic about the development of Engineering Ethics courses in Philosophy. They had only one question: What is the current state of the development and approval of those courses? The concurrence letter states that the courses will be developed in the future subject to approval by the Dean. It would be possible to send the proposal on to Graduate Council with the recommendation to give approval contingent on the development and approval of the courses. Can you let me know if this is necessary given the current state of the courses, and if so what the program proposers would like to do?

Best,
Shari

--
Shari R. Speer, PhD
Associate Dean for Academic Affairs
Professor of Linguistics
Graduate School
From: "Schlueter, Jennifer" <schlueter.10@osu.edu>
Date: Monday, February 25, 2019 at 9:31 PM
To: "Quinzon-Bonello, Rosario" <quinzon-bonello.1@osu.edu>
Cc: "Shari Speer (OSU)" <speer.21@osu.edu>, Jill Toft <toft.20@osu.edu>
Subject: Re: ECE Graduate Program Change Proposal - Electrical and Computer Engineering

Dear Rosie:

Thanks for this. We’ll get it on an upcoming agenda.

Best,

Jen

Jennifer Schlueter, PhD
Associate Professor and Lab Series Producer: Department of Theatre
Project Director: Social Change, Community Engagement, and Creative Practices Discovery Theme
Faculty Fellow for Curriculum: Graduate School
1103 Drake Performance and Event Center
1849 Cannon Drive / Columbus OH / 43210-1234
614.688.3778 / jenniferschlueter.com

From: "Quinzon-Bonello, Rosario" <quinzon-bonello.1@osu.edu>
Date: Monday, February 25, 2019 at 8:06 PM
To: "Schlueter, Jennifer" <schlueter.10@osu.edu>
Subject: ECE Graduate Program Change Proposal - Electrical and Computer Engineering

Hello Jennifer,

I am sending you a Grad Program Change proposal from the Department of Electrical and Computer Engineering. Feel free to contact me if you had any questions or additional requests.

Thanks,

Rosie

Rosario (Rosie) Quinzon-Bonello, M.Ed.
Assistant Dean for Curriculum and Assessment
College of Engineering
122 Hitchcock Hall, 2070 Neil Ave.