

Re: Revision to EE 361 MCD

Chris Overly <cqoverly@uw.edu>

Tue 11/28/2023 12:42 PM

To: smouradi <smouradi@uw.edu>

Cc: Lih Y. Lin <lylin@uw.edu>; Arka Majumdar <arka@uw.edu>; Payman Arabshahi <paymana@uw.edu>; Denise M. Wilson <denisew@uw.edu>; Hossein Naghavi <naghavi@uw.edu>; Matt Reynolds <msreynol@uw.edu>

Thanks for all of the feedback, everyone. I will go ahead and put this on the agenda for this weeks Electives Committee for approval.

Sara: If you can put any finishing touches you want onto the MCD, and fill in the course coordinator section. If you can then send it to me with a short (one or two paragraph) justification for the changes, we'll get it up for approval. If you can get it to me by the end of day tomorrow, that would be great. The meeting is on Friday.

Thanks, everyone!

Chris

Chris Overly, MAEd
Curriculum Manager
Department of Electrical & Computer Engineering
 UNIVERSITY of WASHINGTON

Hours: 8:30 - 5:00

Summer Office Schedule:

Mon., Tues, Wed. - Remote

Thurs., Fri. - Office

Preferred Messaging: MS Teams

Email: cqoverly@uw.edu Phone: (206) 221-6945

From: Hossein Naghavi <naghavi@uw.edu>

Sent: Monday, November 27, 2023 11:09 PM

To: Matt Reynolds <msreynol@uw.edu>

Cc: Chris Overly <cqoverly@uw.edu>; Lih Y. Lin <lylin@uw.edu>; Arka Majumdar <arka@uw.edu>; Payman Arabshahi <paymana@uw.edu>; smouradi <smouradi@uw.edu>; Denise M. Wilson <denisew@uw.edu>

Subject: Re: Revision to EE 361 MCD

Hi Chris!

Sorry for the late reply. I also agree with Matt about developing self-contained courses for EE462/463/464 instead of adding MATH242 as the prerequisite. I believe the vector calculus content in EE361 is enough for the EE462/463/464 courses.

Best wishes,
Hossein

On Mon, Nov 27, 2023 at 3:21 PM Matt Reynolds <msreynol@uw.edu> wrote:

For 462/463/464 I personally expect to teach as self-contained as possible so I think the revised EE 361 will be fine.

However if @Hossein prefers to leave MATH 224 as a prerequisite for now, we could do that for a year and see how the students percolate through?

> On Nov 27, 2023, at 3:11 PM, Chris Overly <cqoverly@uw.edu> wrote:

>

> Thank you, everyone. I greatly appreciate your quick replies.

>

> Adding @Payman Arabshahi

>

> @Matt Reynolds & @Hossein Naghavi: Do you want to add MATH 224 to any of the following courses? EE 462, EE 463, EE 464? Or will the vector calculus content from the revised EE 361 be sufficient?

>

> Thanks,

> Chris

> -----

> Chris Overly, MAEd

> Curriculum Manager

> Department of Electrical & Computer Engineering

> <Outlook-rxxbxiqy.png>

> -----

> Hours: 8:30 - 5:00

> Summer Office Schedule:

> Mon., Tues, Wed. - Remote

> Thurs., Fri. - Office

> Preferred Messaging: MS Teams

> Email: cqoverly@uw.edu Phone: (206) 221-6945

> From: Lih Y. Lin <lylin@uw.edu>

> Sent: Monday, November 27, 2023 3:02 PM

> To: Arka Majumdar <arka@uw.edu>

> Cc: smouradi <smouradi@uw.edu>; Chris Overly <cqoverly@uw.edu>; Matt Reynolds

> <msreynol@uw.edu>; Hossein Naghavi <naghavi@uw.edu>; Denise M. Wilson <denisew@uw.edu>

> Subject: Re: Revision to EE 361 MCD

>

> Hi, the revised MCD looks good to me. As long as the students know the part of vector calculus relevant to EE 361, it will be sufficient for EE 487.

>

> Lih

>

> On Mon, Nov 27, 2023 at 2:58 PM Arka Majumdar <arka@uw.edu> wrote:

> looks good to me

>

> Best,

> Arka

> _____

> Arka Majumdar

> Associate Professor, ECE, Physics, UW-Seattle
> Department of Electrical and Computer Engineering
> Office: EEB-M230; Lab: EEB-B039
> 185 Stevens Way
> Paul Allen Center; Campus Box 352500
> Seattle, WA 98195-2500 | Phone: 6509068666

>

>

> On Mon, Nov 27, 2023 at 2:46 PM Sara Mouradian <smouradi@uw.edu> wrote:

> Hi all,

>

> I would like to clarify that we will more thoroughly teach vector math in EE361 as it is being removed as a prerequisite. Of course it will not be at the same level as the students see in Math 224, but they will still have seen and used basic vector calc.

>

> Best,

> Sara

>

> On Mon, Nov 27, 2023 at 2:34 PM Chris Overly <cqoverly@uw.edu> wrote:

> Hello All,

>

> I'm sorry to be following up on this so late, but I would like to get it in front of the electives committee this Wednesday.

>

> Attached is a revised MCD for EE 361 that Sara put together. I sent it to Matt and Hossein for their input as well.

>

> I am sending this to all of you since there are courses with which you are involved that either have EE 361 as a prerequisite (EE 462, EE 463, EE 464) or as a prerequisite option (EE 487).

>

> If you would all take a moment to look at the proposed MCD and compare it to the current MCD at https://vannevar.ece.uw.edu/academics/undergrad/abet/current_mcds/EE_361_mcd.pdf.

>

> One major change is the removal of vector calculus (MATH 224) as a co-requisite for the course. In discussions with Hossein, removal of MATH 224 from the EE 361 prereq chain is fine, but it would then be need to be added to the prerequisites for EE 462, 463, and 464.

>

> If everyone approves of the new MCD for EE 361, I am asking for approval to propose the following at the next ECE Electives Committee meeting on Wednesday:

> • Approve of new MCD for EE 361

> • Approve addition of MATH 224 (and equivalent honors courses) as prerequisites for EE 462, 463, and 464.

>

> @Lih Y. Lin: If you could let us know whether the removal of vector calculus from EE 361 impacts EE 487 or not, that would be helpful.

>

> Thank you, and please let me know if you have any questions.

>

> Chris

> -----
> Chris Overly, MAEd
> Curriculum Manager
> Department of Electrical & Computer Engineering
> <Outlook-4ni5wjvo.png>
> -----
> Hours: 8:30 - 5:00
> Summer Office Schedule:
> Mon., Tues, Wed. - Remote
> Thurs., Fri. - Office
> Preferred Messaging: MS Teams
> Email: cqoverly@uw.edu Phone: (206) 221-6945