

Dear Advisees,

Spring 17

We are coming up on the registration period for the Summer 2017 and Fall 2017 terms. It's time to start thinking about what courses you will enroll in this summer and for the Fall semester. If you have not yet looked at the EE Curriculum Description that I prepared (especially if you are a freshman), please do so as you plan your course of action. It can be found at: <<http://www.jbgilmer.com/EECurriculumDescr.pdf>>. The summer and fall course listings are posted on the registrar's page at <<http://www.wilkes.edu/academics/office-of-the-registrar-recorder/calendar-schedules.aspx>>.

If you are a current sophomore, there are some special considerations, summarized briefly below. In short, we need to flip the microfabrication related courses ahead due to construction issues as the labs are under renovation. That means bringing the electromagnetics forward to junior rather than senior year. The following was passed on to me by the Chair:

1. We will not be offering EE 373 or EE 381. Students who need these courses to graduate next year should be brought into contact to me [the Chair] right away.
2. Junior students should all take EE 337. EE 337 will only be a 3 credit course and without a laboratory. The pre-requisites for EE 337 are PHY 202 and PHY214/EGR 214. If students need these pre-requisites, they can take them during the summer as both are offered during different sessions.

Also, if you are considering taking courses during the summer, here are some of the more important opportunities. These are most important if you are behind in your courses for one reason or another. This is especially important if you are behind in math or physics.

1. Summer pre-session (May-June) features ME231 (if you missed that) and, more importantly, PHY201 and PHY202. This is a good chance to catch up on physics if you are in a hole there. But, since you have to be IN MTH111 to take PHY201, that option is not available; you need to have already finished MTH111.
2. 1<sup>st</sup> Summer: EE211 Circuits! If you need EE211 because you did not pass it before, or want to improve your grade, 1<sup>st</sup> summer has it available. (Unfortunately, EE283 Electrical Measurement Lab, the co-requisite, is not being offered, at least, it's not listed at this time.) EGR200 is here if you need to catch up on that, and EGR214 is here (important as a prerequisite to other courses). MTH211 Differential Equations is here too. Several distributions are offered too, including ECON102, as well as ENG101 Composition. Very important if you need them again, or want to get ahead: EE314 Controls and EE325 Energy Conversion are being offered. These are challenging courses. If you are a current sophomore and want to help yourself for next fall, one or the other of these during the summer can help.
3. 2<sup>nd</sup> Summer: EGR222 Mechatronics is being offered. If you missed it this past spring (as a sophomore or higher), taking it here during the summer will allow you to get back on track to take EGM320 next spring and EE391/EE392 Senior Projects the following year, in order to graduate. MTH100 is being offered. If you are in MTH94 now, you need to take MTH100 next during the summer. That lets you start MTH111 in the fall. MTH212 is offered too, and that is something you need to have going into EE337 Electromagnetics. PHY214, another important course, also in 2<sup>nd</sup> Summer. There are also various distribution courses.
4. Summer evening: MTH111 and MTH112 are being offered. If you are behind in math, you should take one or the other of these to catch up as may apply. Other courses include EGM320 (if you missed it this past spring) and ENG120 (if you need to get that out of the way).

For next fall, the courses normally offered during fall semesters should all be there, except the EE381 and EE373 related to microfabrication.

I'm attaching a copy of the "Required Courses and Recommended Sequence" and Course Flowchart that were recently passed to me. (Again, note the variation in electromagnetics and microfabrication as a temporary variance for just next year.)

Soon you should come by to see me during office hours about your courses for next semester. Before coming in, you should plan out what you should be taking, and write it down on one of the small, 2-layer course registration forms. (I'll put some in the envelope on my door. I believe they are also available at the Registrar's desk.) Once we have agreed on what you are to take, we both sign the form. I keep one copy for the files. This constitutes an agreement on what you intend to take. I will give you an "Alternate PIN number. You will then register online at the appropriate time, using that alternate PIN. You should consult me before changing anything significant, like not taking one of the required courses as had been agreed. (Changing sections, or even changing distribution courses, is a bit different. You may find that the section you intended to register for is full and need an alternative. Go ahead and do what needs to be done, and let me know later if there is an issue that needs follow-up.)

If you have an unsatisfactory grade at mid-term, please be prepared to discuss your situation in that class or classes. We need to see if your course can be corrected, and to be prepared with contingency plans should you not achieve a satisfactory grade.

Special: If you are a student currently in MTH94, you are very, very strongly advised to take MTH100 during the summer during 2<sup>nd</sup> summer session. If you are currently in ENG98, you are strongly advised to take ENG101 during the 1<sup>st</sup> summer session. Those will put you in position to follow the "normal" freshman year schedule next fall, except that you will have already had FYF101. You'd be in CHM118, CHM117, MTH111 (8 hours) and would take two distributions.

I hope this helps. Meanwhile, I hope you enjoy what is left of Spring Break. Best wishes!

John Gilmer  
Your Academic Advisor