



25th November, 2015

To whom it may concern:

A “Nano-Bio-Engineering Sequential Course Completion Certificate” will be issued by the Department of Physics and the Engineering Physics, Southeast Missouri State University from Spring of 2016. This sequential course completion derived knowledge provides a platform for students to understand nano-bio-engineering concepts and perform further research in this cutting edge field, facilitate to identify potential opportunities for commercialization, connect with academia, industry, government agencies, and service providers. This certification will be issued to the undergraduate and the graduate students, as well as to the other certification pursuing person(s) based on their eligibility and successful completion of the courses mentioned below:

Undergraduate students need to finish following 6 credit hours:

EP 850 – Nanotechnology and the Biomedical Engineering Workshop – 2 hrs

EP 400 – Bio-Engineering Laboratory – Flow Cytometry – 2hrs.

Remaining two credit hours must be taken from the following courses:

EP 380- Engineering Design and Research* - 1hr.

EP 480- Capstone Design I* - 1hr.

UI 450 - Capstone Experience* - 3hrs.

EP 378 - Interdisciplinary Research* - 1 hr.

EP 379 - Interdisciplinary Research* - 2 hrs.

EP 495 - Readings in Nano-Bioengineering – 1 hr.

Graduate students need to finish following 6 credit hours:

EP 850 – Nanotechnology and the Biomedical Engineering Workshop – 2 hrs

EP 600 – Bio-Engineering Laboratory – Flow Cytometry – 2hrs.

Remaining two credit hours must be from the following courses:

EP 578 - Interdisciplinary Research* - 1 hr.

EP 579 - Interdisciplinary Research* - 2 hrs.

EP 695 - Readings in Nano-Bioengineering – 1 hr.

The students who are not enrolled in Southeast Missouri State University will be eligible upon successfully finishing EP 850, EP400/600, and two hours from the aforementioned courses (graduate and / or undergraduate). A fee of \$800 will be charged to these students for the certification.

*need instructor approval regarding the relevance to nano-bio-engineering applications prior initiating the work.

Faculty Member

Date

Chairperson

Date

Dean

Date