

IUPUI GAC Reviewer Form

Documents Reviewed:

Eng_Manag_certificateProg-final.pdf

Summary of Proposal:

1. Are the goals clear and achievable?

Yes. No major concerns.

2. Is the program academically sound?

Yes.

3. Are faculty resources available to offer this certificate without undercutting other key missions of the unit?

Yes.

3. Is there overlap, either real or potential, with any other unit that could harm the program or be exploited to help the program?

Not that I am aware of.

4. My recommendation, comments/concerns regarding this proposal...

- Is the certificate open to engineers other than mechanical engineers? If yes, how? If no, please explain.

Response from Engineering and Technology: Thanks for the comment. We do need a clarification on the eligibility. The certificate is open to seniors in our mechanical or energy engineering programs as well as the engineers who have BS degrees from ABET accredited engineering programs. We will accept engineers in industry who are or will be doing energy management work. These engineers may have background in other engineering disciplines, like electrical engineering, but have experience in energy systems. We will add the following sentence to the eligibility, "to be eligible, an applicant needs to be either a senior in our Mechanical or Energy Engineering Programs or an engineer in industry. If the engineer has training from disciplines other than Mechanical Engineering, working experience on energy systems will be required".

- How does this certificate compare to other competing certificate programs (outside IUPUI) with similar focus?

Response from Engineering and Technology: This is a unique program. We are not aware other programs with similar focus.

- Please explain possible paths for students after the completion of the certificate to transfer credits to an existing graduate program in the School.

Response from Engineering and Technology: Our existing MSME program requires completion of 30 credit hours to graduate. Twelve of them can be transferred from other programs. The four required courses in this certificate program qualify for the transfer. Therefore, if a student who completes the certificate program and applies for enrollment in the MSME program, the courses with a "B" or above grades can be transferred into the graduate program.