Please attach/submit additional documents as needed to fully complete each section of the form.

I. DEPARTMENT / PROGRAM

Applied Computing and Engineering Technology / Energy Technology

II. SUMMARY

Established in 2007, the Energy Technology Program within the Applied Computing and Engineering Technology Department has awarded AAS degrees, CAS certificates, and CTS certificates. We have approximately sixty alumni living and working in Montana and across the country in a wide range of disciplines. The Program has garnered substantial positive support and attention from renewable energy technology firms, environmentally minded institutions, as well as institutional, state, and federal support.

In partial fulfillment to our duty to help meet the goals laid out in the 2020 Strategic Plan, we have conducted several self-evaluations, industry surveys as well as alumni surveys, and have concluded that our students would be better served if they were to be offered a curriculum with more course selection and a credit requirement that is more aligned with the Carnegie model of 30 credits for a Certificate of Applied Science and 60 credits for an Associates of Applied Science.

Please find attached our revised checklists, which summarize our proposed changes.

III. ENDORSEMENTS AND APPROVALS

Requestor: Bradley Layton  
Signature _______________________ Date_Sept 21, 2015
Phone / Email: x7865 bradley.layton@umontana.edu
Program Chair: Steve Shen  
Signature _______________________ Date__________

*Other Affected Programs:

Signature _______________________ Date__________
Signature _______________________ Date__________

Dean:  
Signature _______________________ Date__________
* Are affected because: (a) required courses incl. prerequisites or corequisites, (b) perceived overlap in content areas, or (c) cross-listing of coursework

IV. TYPE OF PROGRAM MODIFICATION

☒ Major ☐ Minor ☐ Option ☐ Teaching major / minor

☐ Other, Please describe:

V. CATALOG LANGUAGE

Attach the current catalog language with the proposed changes clearly identified.

VI. JUSTIFICATION

1) During our recent AAIP review, it became clear that if it were not for our excessive credit load, we would have substantially more alumni.

2) It is routine for nearly every Energy Technology student to complete a max credit appeal in order to graduate, indicating that the course load is excessive.

3) ETEC 214 Energy Storage and Distribution has been a “deal breaker” for a number of degree and certificate seekers and is being proposed as part of the Pre-Engineering curriculum.

4) Several of the course additions made over the past five years, while valuable to a sub-population of our graduates, are not necessarily appropriate as part of the core curriculum.
After all signatures have been obtained, submit original, and an electronic file to the Faculty Senate Office, UH 221. An electronic copy of the original signed form is acceptable.