Checklist for Minor in Energy Engineering

The Energy Engineering minor requires a minimum of 18 credits of course work, consisting of a minimum of 12 credit hours of core courses and a minimum of six credit hours from the list of approved emphasis area courses. To request the designation of the minor (which, if approved, will appear on your official MU transcript), please indicate in the space below the semester you took classes and the grade you received. Attach to this form an unofficial copy of your transcript, with the 18 credit hours of minor courses highlighted. Submit this information to Dr. Gary Solbrekken, Minor Coordinator (see contact information below). Once your application has been reviewed and approved, it will be forwarded to the University's Transcripts and Records Office for addition to your permanent University student file and records.

Student Name (please type or print legibly)	Expected Graduation Date
Signature	Student Number
NOTE: As noted below, the Energy Engineering Minor was partially develop 50-A-29) to the Missouri Division of Workforce Development and the Unive Growth and Emerging Industries Recovery Act-State Energy Sector Partners Implemented by the U.S. Department of Labor's Employment and Training Ingree to the use of your student information by the University in relation to	rsity of Missouri, awarded under the High ship (SESP) and Training Program, as Administration. By applying for this minor, you
Required Core Courses (Minimum	n of 12 Credit Hours)
Course Title Engr 2100: Circuit Theory (3), or ECE 2100 Circuit Theory (4)	Semester Grade
Engr 2300: Engineering Thermodynamics (3), or ChE 3261: Chemical Thermodynamics I (3)	
ECE 4470: Sustainable Electrical Energy Resources (3)	
MSE 2710: Engineering Economic Analysis (3)	
Approved Emphasis Area Courses (N	Inimum of Six Credit Hours)
Course Title ECE 3470: Introduction to Power Engineering (3).	Semester Grade
ECE 3510: Electromagnetic Fields (3)	
ECE 4001: Test and Evaluation of Electrochemical Devices (3)
ECE 4410: Power Electronics I (4)	
MAE 4290: Welding Engineering (3)	
MAE 4320: Design of Thermal Systems (3)	
MAE 4340: Heating and Air Conditioning (3)	
MAE 4660: Vibration Analysis (3) (Same as CvE 4660)	
ChE 4464: Electrochemical Reaction Engineering Science (3)
CvE 4250: Environmental Regulatory Compliance (3)	
Approval Signatures:	
	ciate Dean of Engineering Date 25 Lafferre Hall

E2411a Lafferre Hall

[&]quot;This workforce solution was funded by a grant awarded by the U.S. Department of Labor's Employment and Training Administration. The solution was created by the grantee and does not necessarily reflect the position of the U.S. Department of Labor. The Department of Labor makes no guarantees, warranties, or assurances of any kind, express or implied, with respect to such information, including, but not limited to, accuracy of the information or its completeness, timeliness, usefulness, adequacy, continued availability, or ownership. This solution is copyrighted by the institution that created it. Internal use by an organization and/or personal use by an individual for non-commercial purposes is permissible. All other uses require the prior authorization of the copyright owner."