May1622 Qiao/Song

IOWA STATE UNIVERSITY

Department of Electrical and Computer Engineeri	ng Senior Design Project Proposal Form
Client/Company/Organization:	
Submitter (name):	Email:
Project Contact:	Email:
Project Title:	
Project Abstract (include ALL project goal(s), design of	constraints, and technical approaches and tools):
Expected Deliverables (include expected schedule, ca	annot be open-ended, must list at least one deliverable):
Specialized Resources Provided by Client (be as special	ific as you can):
Anticipated Cost: Finar	ncial Resources Provided by Client (if any):
NOTE: General Resources Provided by ISU/ECpE: MSI and research labs, e.g., electronics, embedded system	DNAA software, and access to resources in ECpE teaching as, etc.
Enter # Students Preferred/Required:	Special Skills Required of Students (be specific):

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Anticipated Client Into	eraction (estimate):							
☐ 1 meeting per week	<							
☐ phone, ☐ internet, ☐ live								
☐ 1 meeting per mon	th							
☐ phone, ☐ internet, ☐ live								
☐ 2 or more meetings	per month							
\square phone, \square in	iternet, 🗆 live							
☐ 1 meeting per seme	ester							
\square phone, \square in	ternet, □ live							
Meeting ABET Criteria	 1							
Please rate the following	ing statements as the	y relate to your proposed pro	ject:					
0 – Not at all	1 – A Little	2 – Somewhat	3 – A Lot	4 – Completely				
On this project, studer science, and engineeri		knowledge of mathematics,	□0	□1	□ 2	□3	□ 4	
This project gives students an opportunity to design a system, component, or process to meet desired needs within realistic constraints such as economic, environmental, social, political, ethical, health and safety, manufacturability, and sustainability			t, □0	□1	□ 2	□ 3	□ 4	
This project involves students from a variety of programs, i.e., SE, EE, and CprE			l □0	□1	□ 2	□3	□ 4	
This project requires s engineering problems	• •	ormulate, and solve	□0	□1	□ 2	□3	□ 4	
This project gives stud and modern engineeri	• • • • •	to use the techniques, skills, rengineering practice	□0	□1	□ 2	□3	□ 4	
Project Approval – for	r use by ECpE Senior I	Design Committee						
☐ Approved		☐ Not Approv	ved					
☐ Faculty Advisor Ass	igned:							
☐ Project Number Ass	signed:							