

Fall/Spring – 2020/21 Semesters eProject Proposal Request Form

Partner Contact		Project Contact (If Different)	
Company		Company	
Name		Name	
Email		Email	
Phone		Phone	

Project Title
Project Summary

Basic Skills Required	None	Low	Med	Hi	Basic Skills Required	None	Low	Med	Hi
Mechanical Eng	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Systems Eng	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Electrical Eng	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Manufacturing Eng	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Computer Science	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Material Science	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Specialized Skills Required	None	Low	Med	Hi	Specialized Skills Required	None	Low	Med	Hi
Robotics	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Automation	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Fabrication – Mechanical	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Fabrication – Electrical	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Fabrication – Electronic	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Thermodynamics	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Embedded Processing	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Aerodynamics	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Coding	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Biology	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
CAD	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Human Factors	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Polymer Chemistry	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Additive Manufacturing	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Modeling and Simulation	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Other _____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

US ONLY

NDA Required

Travel Required

The deadline for Submitting Fall/Spring 2020/21 to ASU Poly Engineering eProject submission is Wednesday, August 5th.

The eProject eForum is scheduled for Wednesday, September 2nd from 3 to 5PM at the Cooley Ballrooms on the ASU Polytechnic Campus in Mesa, AZ.

eProject Proposal Request Form – Instructions

1. The focus of the eProject is “brainstorm, plan, design, make, test, [REPEAT] and document”. Please create your proposal with this flow in mind. Polytechnic School students focus on mechanical, manufacturing, robotics, automation, electrical and human factors studies. Please fill in the sections as noted.
 - a. **Project Title:** A short, illustrative project name
 - b. **Project Summary:** A 1 or 2 paragraph summary of the project to familiarize students with the project and get them excited about participating. This may include strategic intent, problem statement, scope, expectations. *The Summary should be suitable for general distribution and should not include any company proprietary information. We recommend that additional documentation is attached, or links included, to provide students a more thorough understanding of the company, problem statement, and project*
 - c. **Basic Skills Required:** Check the expected competency/experience level for mechanical, electrical, and systems engineering
 - d. **Specialized Skills Required** - Check the expected competency/experience level for each of the specialty areas. If another area is of particular importance, please use the “other” box to indicate this.
 - e. **Special Requirements:** Please indicate any restrictions on student participation, IP, or security requirements.

If additional forms or paperwork is required, please attach forms with your application.

NDA's, access requirements, usage of hardware, software licenses, or other special requirements should be addressed ahead of time to avoid delays after project selection.

2. Fees

For the Spring/Fall 2020 academic year, project fees will be necessary to support the program and projects. Partners will be invoiced within 14 days after the eForum on September 2nd. Payment is due 30 days after receipt of invoicing unless approved otherwise. Please contact Timothy Beatty @ 602-821-2146 for the project fees for 2020/21.

The fee will cover all of the basic eProject expenses, including materials and consumables. Projects requiring significant funds may require additional corporate support. The budget may be discussed prior to the project proposal submission.

Please email your proposal to Timothy G. Beatty @ timothy.beatty@asu.edu or call at 602-821-2146 if you have questions. If you have more than one concept to propose, please submit each idea on a separate form. For more information on the courses and project expectations, please see the **eProjects** website. <https://poly.engineering.asu.edu/eprojects/>

In addition, you can refer to an Innovation Showcase video to view some of our student's results. <http://poly.engineering.asu.edu/innovation-showcase/>