



Invitation for Funded Curriculum Proposals

/ Overview

Ansys has an open invitation for funded curriculum proposals in 2023. Each Ansys Education Grant will be awarded to an accredited college or university to support an instructor or team of instructors to incorporate Ansys simulation tools into a course(s) not currently using Ansys or enable the creation of a new course, program, or certification with Ansys simulation used throughout. The grant can include several elements of support:

- A grant of up to \$25,000 for a series of courses within a department(s) or up to \$5,000 considered for an individual course.
- A dedicated Ansys Education Development Manager for guidance and technical assistance.

The cash grant can be used for costs associated with instructors and teaching assistants supporting the curriculum development for the project. The grant cannot be used to meet any of the eligibility requirements.

Although any proposal focused on undergraduate courses will be considered, for this round, proposals that include the incorporation of Ansys tools into multiple courses as part of a department wide or cross departmental course strategy will be prioritized.

/ Eligibility Requirements

This grant program is competitive. To be considered for a 2023 Ansys Education Grant, college and university applicants must:

- Be an existing Ansys customer (preference shown toward Multiphysics Campus-Wide Solution customers).
- Be an accredited public or private four-year tertiary educational institution.
- Be an organization that is consistent with Ansys **nondiscriminatory policies and practices**.
- Meet the **minimum infrastructure requirements** to support the use of the technology.

/ Review Criteria

To be considered to receive an award, please visit www.ansys.com/funded-curriculum and click "Submit Your Proposal" to review and complete the application, next on the application upload the CV of the lead instructor and a document outlining the proposed course title(s), description(s) and rationale(s). The criteria to review the proposals will include, but will not be limited to, the following:

Required Criteria

1. The lead instructor must demonstrate familiarity with Ansys simulation tools.
2. The proposals must promote innovations that enhance learning in at least one of the following undergraduate degree programs where Ansys simulation is not already being used:
 - a. Engineering (aerospace, mechanical, electrical, computer, chemical, civil)
 - b. Computer science
 - c. Natural sciences (physics, chemistry, biology, physiology)
 - d. Industrial and product design
 - e. Sustainability
3. Describe a project team that includes:
 - a. One or more instructors who will use the technology for teaching.
 - b. An expert advisor in teaching/learning and/or instructional technology.
 - c. Approval of the project from a lead administrator (dean, rector, department head, or equivalent) responsible for the degree program.
4. Inclusion of Ansys tools in courses where use does not already exist (e.g., proposals can't be submitted to update to the newest version of software or to expand toolset).

Preference will be given to proposals and educational institutions that:

1. Include multi-department and/or multi-university collaborations. For these types of collaborations, only one single proposal should be submitted, with any grant awarded being provided to the submitting university.
2. Include a series of courses at an institution with consideration for inclusion of a first- or second-year course that support students being exposed to simulation early on and throughout their degree program.
3. Enhance mandatory courses rather than elective courses (to ensure broad impact).
4. Are willing to partner with Ansys to make any lectures, homework assignments, or supporting materials developed as part of this grant available to Ansys for reuse in educational content.
5. Have a source of matching funds that will be applied to this project, should it be selected.
6. Serve significant numbers of underrepresented, low-income, or otherwise marginalized populations of students.
7. Identify compelling features of the proposed curriculum and avenues for dissemination that will drive adoption at other institutions.
8. Assess existing pedagogy in the subject area, introduce novel uses of Ansys tools in that field, and describe the enhancements to learning afforded through implementation of those tools.
9. Develop new classes or update existing courses to use Ansys simulation tools that contribute to or complete a full curriculum track using Ansys products.

/ Grant Recipient Commitment

By accepting the grant award, the successful applicants and university make the commitment to:

1. Complete the proposed grant project.
2. Assign one person on the team to be the primary point of contact for Ansys, who will be responsible for communicating important grant-related information to the entire team.
3. Make themselves available for interviews for blogs, articles, and case studies as mutually beneficial opportunities arise. They must also provide permission to use university logo as it relates to the partnership.
4. Provide Ansys with private project update reports at major milestones defined in the proposal.
5. Provide a review of the course, including student feedback.

/ Application Process

1. Answers to the questions posed in the application document must be provided in English.
2. You will receive an email confirming the receipt (but not completeness or content) of your proposal within 48 business hours after the submission deadline.

/ Key Dates

- Proposal submissions are now open
- Proposal submissions deadline: September 20, 2024
- Notification of recipients: Ansys will make award announcements no later than October 25, 2024
- Start of projects: From January 2025
- Incorporation of curriculum: 2025-2026 academic year, as completed

Reach out to **Bridget Ogwezi** at bridget.ogwezi@ansys.com with specific questions not covered here. Any incomplete submissions will not be considered.

ANSYS, Inc.
www.ansys.com
ansysinfo@ansys.com
866.267.9724

© 2023 ANSYS, Inc. All Rights Reserved.