Instructions and Codes for Completing Project Data Form (Form 1295)

Item 1
Indicate the **program-track** to which the proposal is being submitted:

**TUES**: Transforming Undergraduate Education in Science, Technology, Engineering and Mathematics  
- TUES: Type 1 Project  
- TUES: Type 2 Project  
- TUES: Type 3 Project  
- TUES: Central Resource Project

**ATE**: Advanced Technological Education  
- Projects  
- Centers  
- Targeted Research on Technician Education

**NSDL**: National STEM Education Distributed Learning  
- NSDL - Pathways  
- NSDL - Services  
- NSDL - Targeted Research

Item 2
Enter the **Name of the Principal Investigator/Project Director**.

Item 3
Enter the **Name of the Submitting Institution**, including the branch or campus.

Item 4
List any **Other Institutions Involved** in the operation of the project: directly, through subcontracts, or through shared use of equipment.

**Code A**  
Select a two-digit **Major Discipline Code** that is most descriptive of the general area for your proposal (see attached table).

**Code B**  
Enter **Academic Focus Level Code** of the project. That is, the project or workshop will develop or implement curricular or laboratory material for eventual presentation at what academic level:  
- **LO** = lower division undergraduate courses;  
- **UP** = upper division undergraduate courses;  
- **BO** = both divisions of undergraduate courses;  
- **PC** = pre-college courses (preK-12);  
- **AL** = pre-college and undergraduate courses;  
- **GR** = graduate;  
- **GU** = graduate and undergraduate

**Code C**  
Enter the **Highest Degree Code** to indicate the highest degree offered in science, mathematics, or engineering by any department on the campus submitting this proposal:  
- **A** = Associate;  
- **B** = Baccalaureate;  
- **M** = Masters;  
- **D** = Doctorate;  
- **N** = Non-academic institution.
**APPENDIX II**

**Code D** Enter the proper **Category Code** depending on the program:

**ATE:**
- K = Project--Program Improvement
- C = Project--Professional Development for Educators
- B = Project--Curriculum and Ed. Materials Development
- D = Project--Technical Experiences
- E = Project--Laboratory Development
- R = Project--Research
- J = Project--Multi-focus
- CE-N = National Center
- CE-R = Regional Center
- I = Teacher Preparation Articulation
- H = Associate/Bachelor's Degree Articulation
- F = Special Activities

**NSDL:**
- PW = Pathways
- PWII = Pathways II
- S-SS = Services--Selection Services
- S-UD = Services--Usage Development
- S-IS = Services--Integrated Services
- S-TF = Services—Technology Focus
- TR = Targeted Research

**Archived:**

**CCLI:** Indicate whether the project scope is at the X = “proof-of-concept” (EMD) or single course/lab level (A&I); or at the Y = full development (EMD) or comprehensive curriculum level (A&I). For A&I only, indicate if the proposal is **A&I-2** = Type 2 proposal.

**Code E** If the project has major participation by the private sector (commercial and industrial organizations), indicate by entering **PS**; otherwise leave blank.

**Code F** For those proposals where a significant component of the project is the education of the following groups, indicate the proper **Audience Code(s)**. Each group indicated must be discussed explicitly and substantively in the proposal narrative. Codes:
- W = Women
- M = Minorities
- D = Persons with Disabilities
- T = Pre-Service Teachers
- H = Technicians and Technologists
- I = In-Service Teachers
- S = Secondary School Students
- F = Faculty Professional Development

**Code G** Enter the **Institution Code** to indicate whether the performing institution is: **PUBL** = Public; **PRIV** = Private; **CONS** = Consortium; **NACD** = Non-academic.

**Code H** If applicable, indicate that the project has a strategic area focus by entering an appropriate code according to the following:
- GC = Global Change
- HPC = High Performance Computing
- EN = Environment
- MA = Manufacturing
- BT = Biotechnology
- AMP = Advanced Materials and Processing
- CI = Civil Infrastructure Systems
- KDI = Knowledge and Distributed Intelligence.
APPENDIX II

**Code I** If applicable, indicate whether the project involves any of the following activities. Include up to **five** of the following **Project Features**:

1. Research on Teaching and Learning
2. Integration of Research and Education (e.g., direct undergraduate student research; research processes and/or data integrated into coursework; sharing research results via training courses for faculty, teachers, or industry groups; and encouraging greater balance in faculty teaching and research activities by altering rewards, review policies, and resources)
3. Educational Uses of Technology (e.g., computers, portable instrumentation, distance learning, e-mail and other electronic communication, etc.)
4. Field Experiences (i.e., outside the classroom)
5. Connections with Business and Industry
6. Science Literacy for Non-SMET Majors
7. International Activities

**Codes J-N** Give your best estimate of the numbers of persons in the indicated categories who will receive immediate benefit from the project (primary effect) and are likely to immediately benefit as a result of another person’s participation (secondary effect) during the period the project is in operation (including intermediate periods for seasonal projects).
**Major Discipline Codes**

<table>
<thead>
<tr>
<th>CODE</th>
<th>FIELD</th>
</tr>
</thead>
<tbody>
<tr>
<td>11</td>
<td>ASTRONOMY</td>
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<tr>
<td>61</td>
<td>BIOLOGICAL SCIENCES</td>
</tr>
<tr>
<td>12</td>
<td>CHEMISTRY</td>
</tr>
<tr>
<td>31</td>
<td>COMPUTING</td>
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<tr>
<td></td>
<td>Computer Science</td>
</tr>
<tr>
<td>32</td>
<td>Computer Engineering</td>
</tr>
<tr>
<td>33</td>
<td>Information Science and Systems</td>
</tr>
<tr>
<td>34</td>
<td>Software Engineering</td>
</tr>
<tr>
<td>35</td>
<td>Computing—Other; Includes Computational Science and Systems.</td>
</tr>
<tr>
<td></td>
<td>(Note: Computer applications should be coded under specific disciplines.)</td>
</tr>
<tr>
<td>40</td>
<td>EARTH SCIENCES</td>
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<tr>
<td></td>
<td>Earth Systems Science</td>
</tr>
<tr>
<td>41</td>
<td>Atmospheric Sciences</td>
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<tr>
<td>42</td>
<td>Geology</td>
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<td>43</td>
<td>Oceanography</td>
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<td>51</td>
<td>ENGINEERING</td>
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<tr>
<td></td>
<td>Aeronautical Engineering</td>
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<tr>
<td>53</td>
<td>Chemical Engineering</td>
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<td>Civil Engineering</td>
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<td>Electrical Engineering</td>
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<td>56</td>
<td>Mechanical Engineering</td>
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<tr>
<td>57</td>
<td>Materials Science and Engineering</td>
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<tr>
<td>58</td>
<td>Engineering Technology</td>
</tr>
<tr>
<td>59</td>
<td>Engineering—Other; Includes Agricultural; Bioengineering; Industrial and Management; Nuclear; Ocean Engineering; Manufacturing; Systems Engineering; and Interdisciplinary/Multidisciplinary projects that involve Engineering disciplines only.</td>
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<tr>
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<td>INTERDISCIPLINARY / MULTIDISCIPLINARY</td>
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<td>MATHEMATICAL SCIENCES</td>
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<td>SOCIAL and BEHAVIORAL SCIENCES</td>
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<td>Biological Psychology</td>
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<td>72</td>
<td>Social Psychology</td>
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<td>Geography</td>
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<td>89</td>
<td>Social Sciences—Other</td>
</tr>
<tr>
<td>91</td>
<td>Science &amp; Technology Assessments; Effects of Sciences and Technology on Society; Ethical Considerations; Science Policy</td>
</tr>
</tbody>
</table>
APPENDIX II

NATIONAL SCIENCE FOUNDATION
Division of Undergraduate Education

NSF FORM 1295: PROJECT DATA FORM

The instructions and codes to be used in completing this form are provided in Appendix II.

1. **Program-track** to which the Proposal is submitted: __________
2. Name of **Principal Investigator/Project Director** (as shown on the Cover Sheet):


3. Name of submitting **Institution** (as shown on Cover Sheet):


4. **Other Institutions** involved in the project’s operation:


ATE only
Preliminary Proposal Number(s) that led to this proposal: __________

**Project Data:**
A. Major Discipline Code: __ __
B. Academic Focus Level of Project: __ __
C. Highest Degree Code: __ __
D. Category Code: __ __
E. Business/Industry Participation Code: __ __
F. Audience Code: __ __ __ __
G. Institution Code: __ __ __ __
H. Strategic Area Code: __ __ __
I. Project Features: __ __ __ __ __

Estimated number in each of the following categories to be directly affected by the activities of the project during its operation:
J. Undergraduate Students: ______
K. Pre-college Students: ______
L. College Faculty: ______
M. Pre-college Teachers: ______
N. Graduate Students: ______

**Project Summary:**
On a separate sheet of paper provide a summary of the proposed work. The **Project Summary** should be a concise description of the project. It is limited to 22 single-spaced lines of standard-sized 12 point font. See the instructions in Subsection 3 under Formal Proposal Preparation in *Preparation and Submission of Preliminary and Formal Proposals* on page 25.

NSF Form 1295 (11/97)