



ASNT FACULTY GRANT 2011

INFORMATION SHEET

The American Society for Nondestructive Testing, Inc. (ASNT) is again sponsoring the ASNT Faculty Grant Award to foster the development of nondestructive testing courses as an integral part of engineering curricula.

The purpose of the competition is to identify up to two (2) ABET-accredited engineering programs for \$8,000 awards to revise existing course(s) or to develop new courses in nondestructive testing and evaluation.

Nondestructive testing is the science of examining components and systems in a manner that does not impair their further usefulness. NDT is a complex multidisciplinary field offering exciting career opportunities. Current areas for applying new and advanced nondestructive testing and evaluation technology include monitoring of manufacturing and fabrication processes, power-plant life extension, aging aircraft, and deteriorating civil engineering structures.

PURPOSE

The purpose of the competition is to provide an annual incentive to faculty members in ABET-accredited engineering programs to revise their existing course(s) or to develop new courses to teach nondestructive testing and evaluation by providing financial resources for this purpose. Requests for grants up to \$8,000 shall be considered. No more than one (1) application per faculty member will be considered.

ELIGIBILITY

Faculty members from ABET-accredited engineering programs are encouraged to submit proposals for the ASNT Faculty Grant Award.

PROPOSED FORMAT

Length: The proposal, with all supporting materials, should not exceed twenty (20) single-sided sheets in reasonable font size (single-spaced).

Title Page: The title page should list the title, the university name, the name of the faculty member submitting the proposal, address, telephone number, and signatures of the faculty member and appropriate university officials.

Table of Contents: The table of contents should contain a list of the major sections of the proposal and the page numbers where they may be found.

Proposed Program: The proposal shall describe a detailed program that has as its principal objective the modification of an existing course(s) or the development of a new course to teach nondestructive testing methods and applications.

Budget: The proposal shall contain a budget detailing the use of the grant funds. No indirect costs (overhead) can be charged against these grant funds. It is anticipated that the grant funds will be used to pay faculty salaries, purchase curriculum materials, or audio-visual materials. Substantial cost-sharing by the faculty member's institution is expected. Requests up to \$8,000 will be considered. No more than one (1) application per faculty member will be considered.

Biographical Information: Background information on the faculty submitting the proposal should be included. If possible, use ASNT's Biographic Data Form for this information.

Letter of Support from Department Administrator: The proposal should contain a letter of support from the departmental administrator.

CONDITIONS OF THE AWARD

Each recipient is required to submit a written report within one (1) month following the stated completion date of the proposed program that would describe in detail the course outline, textbooks and references that were used, and include originals of any audio-visual materials developed.

ASNT must be granted a royalty-free license for reproduction and distribution of such items.

PROPOSAL EVALUATION CRITERIA

A critical review will be made of all proposals by faculty and other scientists active in the area of NDT. Each proposal will be evaluated utilizing the following criteria:

- Thoroughness of approach;
- Documentation on number of students likely to be impacted;
- Level of cost-sharing;
- Qualification of faculty members; and,
- Letter of support from departmental administrator.

NOTE: No more than one (1) application per faculty member will be considered.

INQUIRIES

Inquiries regarding the ASNT Faculty Grant Award may be directed to ASNT Headquarters at the address below.

SUBMISSION

The submission date for the 2011 award is **1 December 2010**. An original and eight (8) copies of the proposal are to be submitted to:

THE AMERICAN SOCIETY FOR NONDESTRUCTIVE TESTING

Attn: Administrative Assistant

1711 Arlingate Lane

P.O. Box 28518

Columbus, OH 43228-0518

Phone: (800) 222-2768

Fax: (614) 274-6899

E-Mail: sdille@asnt.org

The original copy of the proposal must be signed by the faculty member and by an official authorized to commit the institution in business affairs.

ASNT EXISTS TO CREATE A SAFER WORLD BY PROMOTING THE PROFESSION AND TECHNOLOGIES OF NONDESTRUCTIVE TESTING.