



Information about GRADUATE CREDIT FOR AAPT/PTRA PARTICIPANTS Through the University of Dallas

For three semester-hours of graduate credit, The University of Dallas requires:

- 45 hours of classroom instruction,
- a pre- and a post- evaluation,
- a project typically consisting of lesson plans related to topic of workshop/course, and
- a five-minute presentation on the project done during an AAPT/PTRA follow-up session.

Currently, three courses exist for AAPT/PTRA participants:

- PHY 5311 Kinematics and Dynamics for Physics Teachers,
- PHY 5312 Energy and Momentum for Physics Teachers,
- PHY 5313 Electricity and Magnetism for Physics Teachers.

The cost for three semester-hours of graduate credit is \$150. Checks made to Registrar University of Dallas must accompany application. Participants are required to

- Complete a graduate application See AAPT/PTRA website for copy of application.
<http://www.aapt.org/PTRA/index.cfm>;
- Provide an official transcript from his/her bachelor degree granting institution;
- Complete the course requirements as described above.

The Lead PTRAs or Site Regional Coordinators are expected to:

1. Gather completed graduate applications.
2. Collect official copies of transcripts.
3. Collect \$150 check made to Registrar University of Dallas.
4. Verification of the Attendance (This can be a copy of the Summer Institute and follow-up Sign-in Sheets)

The four items listed above must be mailed directly to:

Jan Mader
2223 5th Avenue SW
Great Falls, MT 59404

If any of the four items listed above are not available, then each participant is expected to mail the four items directly to Jan Mader themselves within two weeks of the end of the summer institute.

After the follow-up and upon participant request, the Lead PTRAs or Site Regional Coordinators are expected to:

- Verify attendance for the 45 hours of classroom instruction.
- Verify the five-minute presentation of project by the participant.
- Mail to Jan Mader the verification of the attendance and the participant's lesson plans/project for evaluation.
- Inform participants that they will receive credit by the end of December if the follow-up session is in the fall or by June if the follow-up session is in the spring.

Jan Mader will:

- Submit application, check and transcript to the contact person at the University of Dallas within one month of the end of the AAPT/PTRA summer institute.
- Evaluate the participant's work and assign a final grade.
- After evaluation of the project, Jan will forward the grade to contact person at University of Dallas.

NOTE: Credits will not be issued until the hours, assessments, project presentation, and lesson plans are completed and verified.