The National Radio Astronomy Observatory (NRAO) anticipates an opening for an undergraduate cooperative education student to provide engineering support to the NRAO-NM Electronics Division from August 2009 to December 2009. The place of employment will be primarily at the Very Large Array (VLA) facility, 50 miles west of the Pete V Domenici Science Operations Center (SOC) located in Socorro, NM. NRAO-NM supports the VLA and the Very Long Baseline Array (VLBA) radio astronomy telescopes and is building portions of the Atacama Large Millimeter Array (ALMA). NRAO is a facility of the National Science Foundation operated under cooperative agreement by Associated Universities, Inc. Visit http://www.nrao.edu for more information.

Qualifications
Student must:
- Be enrolled for the Spring 2009 semester as a full-time student at a participating school;
- Enroll in the Cooperative Education Program at the participating school while employed;
- Completed 30 semester hours of college credit before employment begins;
- Earned at least a 2.6 grade point average;
- Meet visa or citizenship requirements of the participating school;
- Have the approval of the student's advisor and/or department chair;
- Completed at least 20 credit hours of electrical engineering, physics, and mathematics, and be a student in good standing in one of those departments;
- Consider participating in at least two co-op education appointments.

Duties
Assignments typically involve computer programming, electronic design and/or testing. This particular work assignment will involve performing RFI and EMC testing at the VLA. Tasks will include the collection, analysis and presentation of monitoring system data, the location, identification and mitigation of detected RFI, and performing RF power measurements in a RF reverberation chamber. The co-op student will work 40 hours per week.

Benefits and Pay
During the work phase, the student will:
- Receive a monthly salary. The pay scale starts at $2,700 per month;
- Accrue sick leave;
- Be paid for NRAO-observed holidays;
- Be eligible for follow-on work assignments after a return to course work for a semester, with compensation increases as education advances.

To Apply:
Apply online at https://careers.nrao.edu. You will need to upload a current resume, education transcript and any other supporting documentation you wish at the careers website. Deadline for application is June 1, 2009. Contact alewis@nrao.edu for more information.

NRAO is an Equal Opportunity Employer - women and minority candidates are encouraged to apply