



Meridian Environmental Technology Student Internship Application

Overview

To provide students with an interest in weather forecasting careers an introduction to the operational forecasting environment at Meridian Environmental Technology (Meridian) in Grand Forks, ND. Students will learn about the requirements and methodologies of modern forecasting operations, particularly in relation to surface transportation, and broaden their own weather forecasting skills to better prepare them for a possible career in operational meteorology.

Objectives

This program will provide the student with a variety of experiences, including:

- Training on Meridian's proprietary forecasting tools
- Completing online and in-house weather forecasting training and technique development
- Shadowing staff meteorologists in an operational environment
- Creating sample forecasts and assisting lead forecasters in their operational forecast development
- Participating in forecast verification and quality control activities

Applicant Requirements

- Applicants that are college Juniors or higher in academic standing at the beginning of the volunteer time period are preferred, but second semester Sophomores may also be considered if coursework and experience are appropriate.
- Must hold a cumulative GPA of at least 2.5, and be enrolled at least half-time.
- Must provide a current unofficial academic transcript.
- Must have successfully completed introductory meteorology and synoptic meteorology courses
- Must provide a completed faculty recommendation as per page 3 of this application.

One or two credit opportunities are being offered per semester. Applicants selected for this program will be required to volunteer approximately 5-10 hours per week, depending on the number of credits for which they are registered. Volunteer hours may occur during the day or evening, during the week or on weekends, depending on the student's interest and the schedule of Meridian staff.

Please direct inquiries and application material to:

Mr. Cory Block
Forecast Operations, Manager
4324 University Ave., Suite B
Grand Forks, ND 58203
(701) 792-1825
block@meridian-enviro.com



**Meridian Environmental Technology
Student Internship Application**

Applicant's Name: _____

Address: _____

City: _____ State: _____ Zip Code: _____

Telephone: _____ Email: _____

Academic Major: _____ Academic Minor: _____

Scheduled Graduation Date: _____

From the list below, please select the 5 areas that interest you most, ranking them in order of how much they interest you. Use a 1 to show the greatest interest and a 5 to show the least interest.

- | | |
|--------------------------------------|---|
| _____ Surface transportation weather | _____ Computer Programming / Information Technology |
| _____ Radar interpretation | _____ Remote Sensing / GIS |
| _____ Model interpretation | _____ Meso-scale analysis and forecasting |
| _____ Data Quality/QC | _____ Atmospheric Physics |
| _____ Meteorological Research | _____ Atmospheric Chemistry |
| _____ Climatology | _____ Micro-scale Weather and Climate |
| _____ Summer Weather Methodology | _____ Instrumentation |
| _____ Winter Weather Methodology | |

AGREEMENT

I understand that this Internship is an academic program at my respective institution for which academic credit is awarded. I acknowledge that I must register for the agreed upon number of Internship course credits, and pay tuition for the appropriate Internship course when I have accepted a position.

I hereby permit and authorize Meridian Environmental Technology, Inc. to disseminate general internship placement information to the community and media. I understand that this information will be used only for purposes of news or general public information about Meridian Environmental Technology, Inc.

(Applicant Signature)

(Date)



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Are you interested in volunteering for the Fall 2008 semester, the Spring 2009 semester, or both, and how many credits (1 or 2) would you be interested in?

Explain briefly any prior knowledge you may have of Meridian and our operations.

What are you personally hoping to accomplish through an internship with Meridian?

Faculty Recommendation

I am recommending _____ for Meridian Environmental Technology's Internship. If this student is accepted into the Meridian program, I will authorize their registration for one or two Internship credit(s).

Faculty Comments: _____

Faculty Member's Name: _____

Telephone Number: _____ Email: _____

(Faculty Signature)

(Date)