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GEO 510 OWEB Internship Proposal

Position:

GIS Intern, Oregon Watershed Enhancement Bureau; Salem, OR – Summer 2013

Digitized features and details of watershed restoration projects into OWEB's geodatabase using ESRI ArcGIS Desktop 10.1. Digitization was discerned from provided PDFs and imagery alongside written documentation. Currently the custodian of the project and maintaining documentation.

Supervisors:

Ms. Kuuipo Ann Walsh, Director

GIScience Certificate Program

134 Wilkinson Hall,

Oregon State University

Corvallis, Oregon 97331

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Ginger Lofftus

PCSRF Reporting Assistant

Oregon Watershed Enhancement Board

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University Credits:

INTERNSHIP - GEO 510 - 400

Associated Term:	Fall 2013
CRN:	17343
Status:	**Web Registered** on Sep 16, 2013
Assigned Instructor:	Kuuipo A. Walsh
Grade Mode:	Pass/No Pass Grading Mode
Credits:	2.000
Level:	E-Campus Graduate Course
Campus:	Ecampus-Distance Education-UD

Hours / Week:

The hours worked depended upon the assigned project workload. The budget allotted approximately 20 hours / week.

Student Learning Objectives:

The primary goal is to gain experience working as a GIS technician for a state government agency. This internship is intended to introduce the student to the nature of entry-level GIS work, particularly regarding digitization of watershed restoration projects into a GeoDatabase. Experience is gained with managing a spatial database as well as understanding the GIS needs of a state agency. The digitization projects are intended to give the student experience with applied tasks in Esri ArcGIS 10.1.

Employer Production Objectives:

The primary goal of the internship for OWEB is to get assistance digitizing into an Esri GeoDatabase the massive queue of watershed restoration projects that were submitted using their web application. The submitted project documentation contain maps and details about the nature and extent of the projects, but the location information needs to be digitized into a GeoDatabase following a specified protocol. This is needed by the agency for the purpose of spatially analyzing and generating reports of the extent and details of the watershed restoration projects throughout the state.