

Martin Land Services, PLLC
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Highlands College of Montana Tech
Instructor, Civil Engineering Technology
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PERSONAL MISSION STATEMENT

Expand professional skills and networks; inspire students by example; listen; remain open to learn and change; stay fit; and treat others kindly.

EDUCATION

Montana State University Bozeman, MT Master of Science – Land Resources and Environmental Sciences	2018
Montana Tech of the University of Montana Butte, MT Non-degree graduate coursework (3 credits) Legal Issues Related to Professional Engineering and Management	2015
Pennsylvania State University World Campus Postbaccalaureate Certificate in Geographic Information Systems	2007
Montana State University Bozeman, MT Bachelor of Science - Construction Engineering Technology	1998
Columbia-Montour Area Vocational-Technical School Bloomsburg, PA Diploma – Drafting and Design Technology	1993

PROFESSIONAL QUALIFICATIONS

Licensed Professional Land Surveyor | Montana
Engineer Intern | NCEES Fundamentals of Engineering exam
FAA Part 107 sUAV Remote Pilot
Qualified Site Evaluator | Gallatin County, MT
Field Testing Technician - Grade 1 | American Concrete Institute
Certified to transport and operate nuclear densometers

PROFESSIONAL EXPERIENCE

- Martin Land Services, PLLC | Bozeman, MT** **2016 – Present**
Principal
Professional land surveying; mapping; material testing; site evaluation; on-site wastewater; drafting.
- Rocky Mountain Engineers, PLLC | Bozeman, MT** **2005 – 2009**
Land Surveyor/Engineering Technician
Boundary surveys; subdivision design; construction surveys; site evaluations; non-degradation analysis; drafting.
- Morrison-Maierle, Inc. | Bozeman & Missoula, MT** **1998, 2000 – 2004**
Land Surveyor/Engineering Technician
Construction inspection; construction surveys; transportation surveys; municipal sewer design; rural road design; drafting
- PennTerra Engineering, Inc | State College, PA** **1999**
Survey Technician
Metes-and-bounds land surveys; transportation surveys; construction surveys.
- Bureau of Land Management | Dillon, MT** **1997**
Survey Technician, seasonal employee
Cadastral and archeological surveys throughout Montana and South Dakota.
- City of Helena Public Works Department | Helena, MT** **1996**
Engineering Technician, summer intern
Construction inspection for municipal sewer and water projects; density testing for street subgrade and asphalt.

PROFESSIONAL ACTIVITIES

Montana Association of Registered Land Surveyors (MARLS)

- President, Southwest Chapter: 2013 – 2015
Committee Chair, Annual Conference: 2008, 2015
Montana coordinator for NSPS Certified Surveyor Technician exams: 2012 – present
Contributing author, Treasure State Surveyor quarterly publication: 2008 – present
SW Montana coordinator for annual high school Trig Star math competition: 2011 – 2014
Producer of annual MARLS calendar: 2013, 2014
Editor, Treasure State Surveyor quarterly publication: 2008

Montana Association of Geographic Information Professionals (MAGIP)

- Member: 2006 – 2008, 2012

ACADEMIC EXPERIENCE

Montana Tech of the University of Montana | Butte, Montana **2009 – Present**

Tenured Level III Instructor for Highlands College Civil Engineering Technology (CET) program

Provide academic advising for approximately 25 students annually

Received 4.60/5.00 overall student evaluation

CASE U.S. Professor of the Year, Montana Tech nominee: 2011, 2013

Courses taught

CET 0210 - Soil Materials and Testing

CSTN 170 - Introduction to Site Layout Level II

DDSN 245 - Civil Drafting

ETCC 235 - Construction Legal Documents and Specifications

ETCC 236 - Site Evaluation and Testing

ETCC 310 - Concrete Technology

SRVY 230 - Introduction to Surveying for Engineers

SRVY 247 - Survey-Grade GPS Control Analysis

SRVY 262 - US Public Land Survey System

SRVY 273 - Route Surveying

MIN 2100 - Plane Surveying

MIN 4500 - GPS Surveying

ACADEMIC ACTIVITIES

Committee Assignments

Highlands College Faculty Merit Program, Committee Chair

Computer-Aided Design Faculty search committee, Committee Chair

Vice Chancellor for Development and Alumni Relations search committee, Member

Montana University System Big Sky Pathways, Highlands College representative

Highlands College Collegiate Evaluation Committee, Member

Community Outreach

Established an NGS Continuously Operating Reference Station (CORS Id: MTHC) and GPS reference station for SW Montana engineers, surveyors, and contractors.

www.ngs.noaa.gov/CORS

Promote CET program with booth at annual surveyor's conference and high school visits.

Extra-curricular Student Activities

Weekend project to measure the highest point in Silver Bow County with GPS.
Research and visit geodetic confluence points, where even lines of latitude and longitude intersect.
Perform mapping and design services for City of Boulder cemetery committee.
Led an effort to name an unnamed peak in the Highland Mountains "Montana Tech Peak."
Advise students on the design of a large-scale sundial sculpture for the school.
Boundary survey for Big Butte Volunteer Fire Department facility expansion.
Boundary survey for Safe Space, a Butte-area shelter for domestic violence victims.
Provide survey services for Beaverhead-Deerlodge National Forest to document historical mining activity in Thompson Park, Highland Mountains.

Prepare CET Students for and Coordinate Certification Opportunities

ACI Field Testing Technician - Grade 1
NSPS Certified Surveyor Technician - Level 1
Radiation Safety Training for nuclear densometer transport and operation

Classroom Enhancement

Build professional relationships and student employment opportunities by inviting industry professionals to guest lecture in all curriculum courses.

Integrate the classroom with industry through field trips to cement production facilities, concrete batch plants, lumber production facility, material testing laboratories, and active construction sites.