

# **OPUS – Projects Manager’s Training**

**February 4-5, 2015**

**Laramie County Community College**

**Center for Conferences and Institutes**

**1400 E College Drive**

**Cheyenne, Wyoming 82007**

**Sponsored by**

**National Geodetic Survey**

**PLSW – SE Chapter**

**Instructor: Bill Stone, NGS SW Regional Geodetic Advisor**

**Class size: Limited to 25 participants**

**Registration Fee: \$25.00 at the door, payable to PLSW – SE Chapter**

**Day 1, February 4, 2015 Hours: open 7:30 am; class 8:00 am – 5:00 pm**

**Day 2, February 5, 2015 Hours: open 7:30 am; 8:00 am – 12:30 pm**

**Coffee, tea, water, soft drinks will be available**

**Lunch will be on your own**

**Registration: through the NGS web site at <http://www.ngs.noaa.gov/corbin/calendar.shtml>**

**\*Attendees will need to provide their own computers. Internet connections will be provided courtesy of LCCC**

**For additional information contact: Mike Londe, PhD, 307-775-6209, [mlonde@blm.gov](mailto:mlonde@blm.gov)**

## **Workshop Outline**

- Introduction
- Step 1: Creating a Project
- Step 2: Uploading Data To Your Project
- Step 3: Session Processing
- Step 4: Network Adjustment
- Open Discussion
- One-on-one

### **What Is OPUS-Projects?**

- Web-based access to process multiple marks and multiple occupations
- Data uploading through OPUS
- Data processing using the PAGES software
- Visualization and management aids
- Least squares adjustment

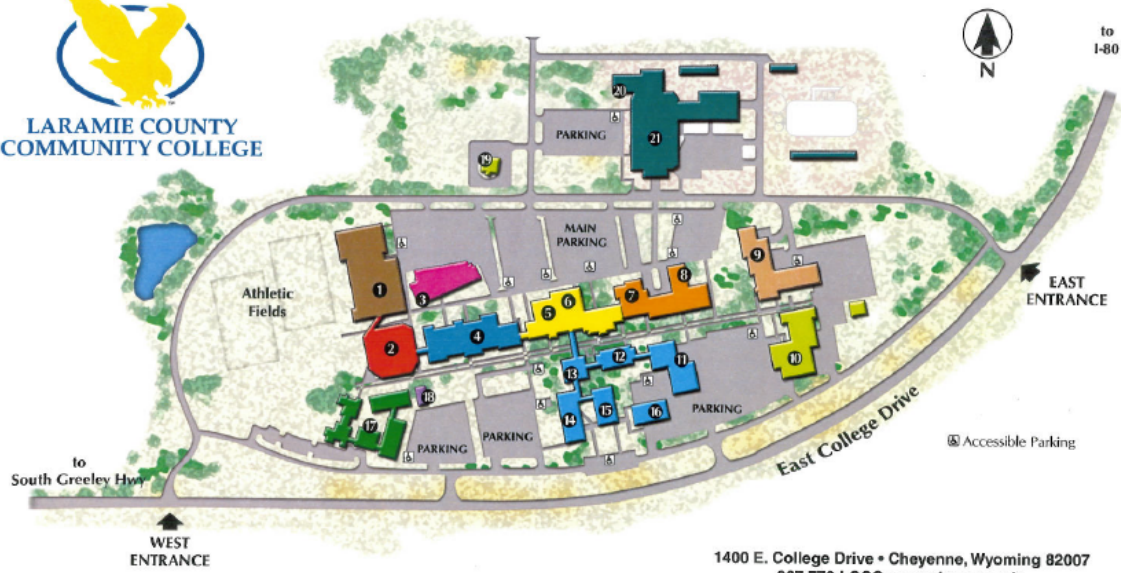
### **Do We Really Need Another OPUS Flavor?**

- Yes. The NGS and other groups have a history of projects with specifications that can't be entirely supported by OPUS.
- Yes, again. As well as OPUS does, sacrificing simplicity for flexibility can improve results in many cases.

### **What's In This Workshop?**

- By attending this workshop, you will have enough information to successfully use OPUS-Projects for your own projects. Once the training is completed, you'll be given an opportunity to register your email address thereby authorizing you to create and process new OPUS-Projects.
- A project containing a training data set will be assigned to you. You'll have an opportunity to work along with the presentations. In addition, time is allotted for you to explore your project individually.

**Note: Attendees will need to provide their own computers. Internet connections will be provided courtesy of LCCC**



1400 E. College Drive • Cheyenne, Wyoming 82007  
307.778.LC.CC • www.lccc.wy.edu

- |   |   |   |   |
|---|---|---|---|
| <p><b>Administration</b> 15<br/>Business Services LCCC Foundation<br/>Human Resources President's Office</p> <p><b>Agriculture Building</b> 20<br/>Andrikopoulos Business &amp; Technology Building 17</p> <p><b>Arena</b> 23</p> <p><b>Arp Building</b> 4<br/>Children's Discovery Center</p> <p><b>Auto Diesel</b> 11</p> | <p><b>Career &amp; Technical Building</b> 9<br/>ACES Integrated Systems<br/>Auto Body Training Center<br/>Career Center UW Outreach</p> <p><b>Center for Conferences &amp; Institutes</b> 14<br/>Security</p> <p><b>Central Plant North</b> 19</p> <p><b>College Community Center</b> 6<br/>Cafeteria Student Life<br/>Playhouse Student Lounge</p> | <p><b>Education &amp; Enrichment Center</b> 18<br/>Disability Resource Center<br/>Exam Lab</p> <p><b>Fine Arts Building</b> 4<br/>Esther and John Clay Art Gallery</p> <p><b>Health Science</b> 8</p> <p><b>Ludden Library</b> 5</p> <p><b>Modular</b> 18<br/>High School Programs</p> <p><b>Physical Education</b> 1</p> | <p><b>Plant Maintenance</b> 10<br/>Carpool Mailroom</p> <p><b>Residence Halls</b> 17</p> <p><b>Science Center</b> 2<br/>Dental Hygiene</p> <p><b>Student Services</b> 7<br/>Admissions Financial Aid<br/>Bookstore Student Records<br/>Counseling &amp; Advising</p> <p><b>The Training Center</b> 16</p> |
|---|---|---|---|