



# Program Map



## Surveying and Geomatics Technician- Geographic Information Systems (GIS) Certificate of Proficiency

*Area of Study: Science, Technology, and Engineering*

In the world of Surveying and Geomatics, outdoor projects are routine. Land surveyors determine boundaries of land, air space, and water for the use of property development and legal descriptions. Survey technicians work out in the field, and work activities can include providing data relevant to the shape, contour, location, elevation, or dimension of land features. Clark’s program provides opportunities for students to learn on equipment used in real-world situations. Classes meet in the evenings and weekends, and Clark offers an Associate in Applied Science degree that provides training in survey techniques and methods.

Contact Program Coordinator Tim Kent at [tkent@Clark.edu](mailto:tkent@Clark.edu) if you are interested in this program.

> Free [Tutoring Services](#) are available to support you throughout your degree completion.

*Program maps are suggested academic plans and should not be used in the place of regular academic advising. Your student entry method, placement, course availability, and program requirements are subject to change and transfer credit(s) may change your map/plan.*

### Year One

#### Fall Term

- MATH 103: College Trigonometry..... 5
- SURV 125: Intro to GIS ..... 3
- SURV 121: Field Survey I ..... 5
- SURV 252: Map Projections ..... 2

#### Winter Term

- SURV 123: Professional Ethics..... 1
- SURV 122: Field Survey II ..... 5
- SURV 250: Arc GIS I ..... 3
- SURV 253: Intro to GPS ..... 2
- ENGR 140: Basic AutoCAD..... 4

#### Spring Term

- SURV 163: Route Surveying .....5
- SURV 104: Computation and Platting .....5
- PTWR 135: Intro to Applied Tech Writing^ .....5

#### Summer Term

- CMST& 210: Interpersonal Communication^ .....5

**50 units required.** Contact the [Surveying & Geomatics Advisor](#) prior to creating your academic plan.

Key: ^ Alternative classes are available to fit your schedule or interest. & Common Course in the State of Washington.

### Approximate Costs Each Term

Tuition \$1490\* for 15 credits per term plus books, supplies, and miscellaneous fees. \*Tuition based on Washington resident rates. View [residency classifications](#) on our website.

### How to Enroll

Visit Clark College’s Welcome Center in Gaiser Hall room 127 or the [Get Started webpage](#) for information on becoming a new student. Email [start@clark.edu](mailto:start@clark.edu) or call 360-992-2078.

### Customize with Advising

Make an appointment online with Advising Services to learn more about customizing your academic plan at [clark.edu/advising](http://clark.edu/advising).

[Apply for Admission](#)

## Support Services

At Clark College, we know that everyone who walks through our doors is a unique person with diverse, interesting and sometimes challenging circumstances. We are committed to ensuring each and every student can succeed at Clark, and are committed to serving systemically non-dominant communities, including (but not limited to) people of color, those who identify as LGBTQIA2S+ and people with disabilities. We have resource centers, clubs, programs and activities for all students.

Visit our [Student Support](#) page for more information.

## Funding Options at Clark

There are many resources available to help students cover the costs to attend college—tuition, books, fees, tools, transportation, childcare, etc.—so you can focus on completing your degree or certificate.

**Grants** Based on need. You do not need to pay back grants.

**Scholarships** Similar to grants, and there are different criteria; Clark College awards hundreds of thousands of dollars to students each year. We encourage everyone to apply!

**Student Employment & Work Study** Money you earn through working part-time; this helps to reduce your reliance on loans, and build your skills and resume.

**Loans** If you do need to borrow additional funds to pay for college-related expenses, you can consider loans. It is money you borrow and will pay back with interest.

**Specific Assistance** For Veterans, worker retraining, DREAMers, students receiving DSHS benefits, and more.

For more information, visit our [paying for college website](#) or visit the **Office of Financial Aid in Gaiser Hall room 101**.

## Career Opportunities

Career exploration and planning is an essential step to establishing your academic journey at Clark College and beyond. Career Services connects you with resources and strategies for career planning in six areas: knowing self; career awareness; relationship building and networking; work-based learning; job-search skills; and career readiness competencies. You are encouraged to participate in *MyPlan*, a comprehensive and interactive guide with activities to support your career, academic, and financial wellness planning. Visit [Career Services](#) in the **Penguin Union Building room 002**.

Students who complete **Surveying Geomatics Technician GIS Certificate of Proficiency** could be employed as:

**Survey Technician**  
**Instrument Operator**  
**Rodman**  
**Survey Crew Chief**

Career exploration information established by Clark Faculty and Staff.



*Clark College does not discriminate on the basis of race, color, national origin, age, perceived or actual physical or mental disability, pregnancy, genetic information, sex, sexual orientation, gender identity, marital status, creed, religion, honorably discharged veteran or military status, or use of a trained guide dog or service animal in its programs and activities, in accordance with state and federal laws. The responsibility for and the protection of this commitment extends to students, faculty, administration, staff, contractors and those who develop or participate in college programs. It encompasses every aspect of employment and every student and community activity. The following person has been designated to handle inquiries regarding non-discrimination policies: Vice President of Diversity, Equity, and Inclusion, Gaiser Hall (GHL) 220, 360-992-2757, or 360-991-0901 (video phone).*

*Alternate format of this document is available upon request. Please contact Disability Support Services at 360-992-2314, or 360-991-0901 (video phone).*

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