

Certified Irrigation Designer



WHAT IS A CERTIFIED IRRIGATION DESIGNER?

A Certified Irrigation Designer works in partnership with farmers, ranchers, and orchardists to design irrigation systems that best fit the needs of their farm sites. Irrigation designers have to balance the needs of the crops with environmental impact, including ways to ensure sustainability of the irrigation systems for years to come.



CAREER HIGHLIGHTS

- Pays well
- Rewarding
- Helping people
- Problem solving
- Continuous learning
- Developing or using technology



EDUCATION AND TRAINING

- Successful Completion of Certified Irrigation Designer Course with specification either in Agriculture, Landscape or Turf, as well as active membership with the Irrigation Industry Association of BC. Typically 3-5 years of field experience is needed connected to irrigation field work.
- **Related School Subjects:** Math, Science

CORE DUTIES

of a Certified Irrigation Designer

Farm Visits

to observe water use

Design efficient irrigation systems for farmers

Creates detailed parts lists

to ensure correct installation.

Certified Irrigation Designer

WORKPLACE

Indoor/Outdoor

SALARY RANGE

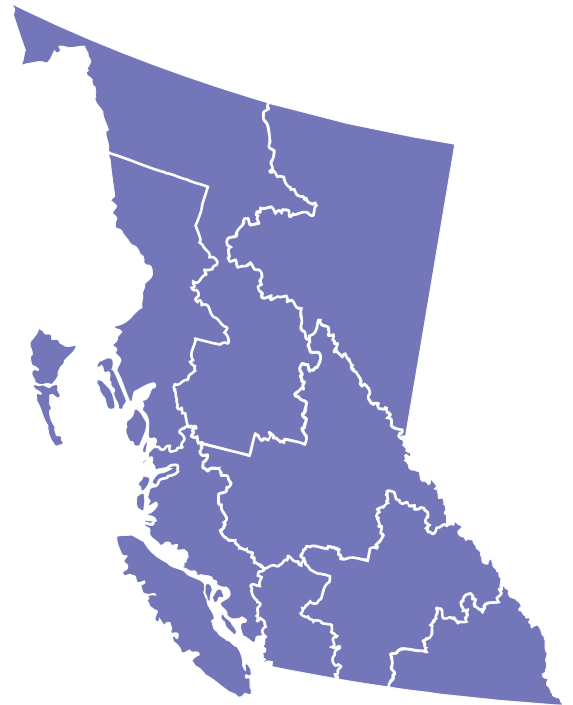
Approximate Starting Salary Range: \$31.00-\$42.00/hour

STAND OUT SKILLS

- **Analytical thinking:** Each farm has unique water requirements that must be assessed carefully.
- **Critical thinking:** Designers must evaluate multiple technical options to choose the most efficient system.
- **Detail-oriented:** Accurate part lists, measurements, and system specs are essential for correct installation.
- **Problem solving:** Every project requires customized solutions based on terrain, crops, and climate.

SIMILAR AND RELATED CAREERS

- Irrigation Technician
- Agriculture Equipment Technician



LOCATION

BC wide



"Water is a finite resource, and it is the duty of irrigation designers to use it efficiently and responsibly to ensure a sustainable future for Canadians."

– Susan Blackmore



Hear more from
Susan [HERE](#)

