

**The University of Winnipeg
Classification Specification**

Date: October 4, 2023

Classification: Security Systems Technician

Unit: IUOE

Character of this Classification Level

The Facilities Management Department at the University of Winnipeg is responsible for the Planning, Design, Construction, and Operation of the downtown campus that encompasses over 1.6 million gross sq. ft. within 20 buildings on 15 acres of land. Positions at this level perform all the duties involved in maintaining and developing building security systems on campus, which include but are not limited to; video surveillance systems, security cameras, video management, access control systems, intercom systems, emergency call stations, and intrusion alarm and monitoring systems. The incumbent will also be involved in the research, evaluation, and development of new and emerging technologies, and responsible for commissioning and continuous re-commissioning of all building security system. This position will work with and provide support to the building systems team.

Characteristic Duties and Responsibilities

- Diagnose and resolve technical problems related to all building security systems; including but not limited to surveillance systems, security cameras and video management, access control systems, intercom systems, emergency call stations, and intrusion alarm and monitoring systems.
- Performs calibrations, preventative maintenance, commissioning, and re-commissioning of all building security systems and their related devices and software.
- Evaluates, designs, installs, configures, and programs hardware and software for all building security systems used throughout the campus.
- Plans and performs system software upgrades and patches to all devices and equipment.
- Provides technical consulting, training, and serves as a technical knowledge resource for faculty and staff in all areas pertaining to building security systems.
- Assists the Controls Technician to diagnose and resolve technical problems related to building systems control and monitoring systems and perform needed repairs.

- Purchases required parts and maintains a spare parts inventory.
- Performs other duties as assigned.

Qualifications Required

Formal Education and Designations:

- High School Diploma
- 2-year College Level Diploma in Electronic Technology, Electrical Technology, Instrumentation Technology or equivalent
- M Class Limited Specialized Trade Electricians Licence

Experience:

The incumbent must have a strong background and education in various commercially used building security systems, particularly in large system deployments, and commonly used in the education industry.

- Experience configuring, administering, maintaining and troubleshooting of a wide range of building security systems and their technologies.
- 5 years minimum directly related experience in large scale building system support including, Genetec, Bosch, DSC, Mercury, HID, Aiphone, Salto Systems, Assa Abloy, and various IP cameras.

Skills, Knowledge, Abilities:

- Ability to establish and enforce system standards to industry and institutional levels and ensure quality outcomes.
- Ability to design and implement system configurations for new and existing systems to maximize the performance and life expectancy of all the various security systems and their technologies.
- Diagnose and resolve technical problems related to all the various Building Security Systems hardware devices and their respective software.