

UW HEALTH JOB DESCRIPTION

SENIOR BIM COORDINATOR

Job Code: 410058	FLSA Status: Exempt	Mgt. Approval: C. Brenner	Date: 12.2018
Department: Planning Design & Construction, 42030		HR Approval: K. Sawyer	Date: 12.2018

JOB SUMMARY

This position, under the direction of the Real Estate Services Manager, will assist in providing provider leadership to the UW Health Building Information Management (BIM) team in the development of goals; planning, implementation and management of the UWHC Building Design Models (BIM), facility plans, and associated databases used in UW Health Facilities Planning Design & Construction Department. The position will be accountable for accuracy, integrity and organization of the facilities documents and data for all UW-Health owned/leased buildings. In addition, the candidate will be required to understand and assess life safety codes of these buildings for compliance with CMMS and Joint Commission.

MAJOR RESPONSIBILITIES

- This position is responsible for the maintenance and accuracy of the UW Health BIM models and AutoCAD files for use by internal departments and external construction service providers. Examples include: Life Safety, Space Management, MEP+FP.
- This position is responsible for the maintenance and accuracy of the UW Health comprehensive building information databases in relationship to the BIM models, regarding facility information. Examples include: department, room use, sprinkler zone, emergency generator, etc.
- This position is required to understand and interpret the International Building Code (IBC) and NFPA 101 in relationship to life safety to ensure that the drawings are compliance.
- Work with Real Estate Services Manager to create standards for the automation, conversion and standardization of all CAD/Revit drawing files.
- Involved in coordinating the facilities area data and reconciling with Maintenance Engineering Services database (WAM).
- Coordinate and distribute information regarding space allocation to multiple UW-Health departments and committees, along with consultant for the use of planning and construction.
- Collaborate with UW Campus to conduct yearly audits and validate the accuracy of the current drawings and associated spreadsheets.
- Conduct field audits to validate the accuracy of the current BIM drawings and associated life safety and space allocation information.
- Collaborate with UW-Health project managers and construction coordinators with regards to active or on-going projects.
- Candidate must research and stay informed on best practices for the use of Revit Architecture and BIM.
- Must be a self-starter and possess the drive to pursue continued education on BIM and its role in facilities planning and operation.
- Responsible for internal training and education for new hires & intermediate level staff.
- Work with Real Estate Services Manager to establish, update and maintain BIM standards and work flow to assure best practices and efficiency for the BIM Group's internal workflow.

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- Work with Construction Services Manager to track projects in construction so that all appropriate departmental tasks (plan updates, archival research, collection of record drawings) are being completed in an efficient and effective manner.
- Work with Construction Services Manager to create budgets for future technology adoption that aligns with UW Health BIM goals.
- Attend conferences, seminars and workshops for BIM, and bringing back the knowledge disseminate to the BIM group and department leaders.
- Active involvement in the larger “BIM World” groups and organizations:
 - Examples: Autodesk University, AUGI (Autodesk User Group International), BIM Storm, AIA Technology in Architectural Practice (TAP), Local User Groups – Including state and universities.
- Exhibits ability to lead small to medium size design and construction projects within UW Health. Including code analysis, design, and construction administration.

ALL DUTIES AND REQUIREMENTS MUST BE PERFORMED CONSISTENT WITH THE UW HEALTH PERFORMANCE STANDARDS.

JOB REQUIREMENTS

Education	Minimum	Bachelor of Science Degree in Architecture or Engineering
	Preferred	
Work Experience	Minimum	5 years of related experience in architecture/engineering and facilities planning
	Preferred	7 years of related experience in architecture/engineering and facilities planning
Licenses & Certifications	Minimum	
	Preferred	<ul style="list-style-type: none"> • Licensure as Registered Architect or Engineer- State of Wisconsin, • NFPA Certified Life Safety Specialist (CLSS-HC) for Health Care Facilities
Required Skills, Knowledge, and Abilities		<ul style="list-style-type: none"> • Proficient knowledge and understanding of UWHC organization, procedure and policies. • Extensive experience and knowledge of the most recent versions of Autodesk Building Design Suite – including Revit and AutoCAD. • Proficient knowledge of BIM systems and add-ons for Revit and Excel. • Strong knowledge using BlueBeam, PlanGrid and SketchUp software. • Experience with reading and understanding architectural & MEP + FP construction drawings. • Strong knowledge of current International Building Codes (IBC), NFPA 101 and ADA (ANSI A117.1). • Ability to communicate effectively with personal at all levels. • Stay informed on other BIM related software and technology. • Provide hardware and network support as it relates to BIM technology and production. • Liaison with national software vendors. • Ability to take initiative and work with minimal supervision. • Must have ability to use time productively, maximize efficiency and meet the challenging work goals. • Strong knowledge of Microsoft Office. • Proficient knowledge of Excel. • Proficient knowledge of PowerPoint. • Possess strong analytical skills with attention to detail. • Ability to manage multiple tasks simultaneously. • Possess proficient time management and organizational skills. • Ability to create workplans which identify resources, timelines, and inter-dependencies to achieve desired project outcomes. • Possess strong interpersonal communication (oral & written) skills.

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	<ul style="list-style-type: none"> Lead small to medium size design and construction projects within UW-Health. Commitment, care and compassion to the importance of health and care of our patients and families that we serve at UW Health. 		
AGE SPECIFIC COMPETENCY (Clinical jobs only)			
Identify age-specific competencies for direct and indirect patient care providers who regularly assess, manage and treat patients.			
Instructions: Indicate the age groups of patients served either by direct or indirect patient care by checking the appropriate boxes below. Next,			
<input type="checkbox"/>	Infants (Birth – 11 months)	<input type="checkbox"/>	Adolescent (13 – 19 years)
<input type="checkbox"/>	Toddlers (1 – 3 years)	<input type="checkbox"/>	Young Adult (20 – 40 years)
<input type="checkbox"/>	Preschool (4 – 5 years)	<input type="checkbox"/>	Middle Adult (41 – 65 years)
<input type="checkbox"/>	School Age (6 – 12 years)	<input type="checkbox"/>	Older Adult (Over 65 years)
JOB FUNCTIONS			
Review the employee's job description and identify each essential function that is performed differently based on the age group of the patient.			
PHYSICAL REQUIREMENTS			
Indicate the appropriate physical requirements of this job in the course of a shift. <i>Note: reasonable accommodations may be made available for individuals with disabilities to perform the essential functions of this position.</i>			
Physical Demand Level		Occasional Up to 33% of the time	Frequent 34%-66% of the time
		Constant 67%-100% of the time	
<input type="checkbox"/>	Sedentary: Ability to lift up to 10 pounds maximum and occasionally lifting and/or carrying such articles as docket, ledgers and small tools. Although a sedentary job is defined as one, which involves sitting, a certain amount of walking and standing is often necessary in carrying out job duties. Jobs are sedentary if walking and standing are required only occasionally and other sedentary criteria are met.	Up to 10#	Negligible
X	Light: Ability to lift up to 20 pounds maximum with frequent lifting and/or carrying of objects weighing up to 10 pounds. Even though the weight lifted may only be a negligible amount, a job is in this category when it requires walking or standing to a significant degree.	Up to 20#	Negligible or requires significant walking or standing, or requires pushing/pulling of arm/leg controls
<input type="checkbox"/>	Medium: Ability to lift up to 50 pounds maximum with frequent lifting/and or carrying objects weighing up to 25 pounds.	20-50#	10-25#
<input type="checkbox"/>	Heavy: Ability to lift up to 100 pounds maximum with frequent lifting and/or carrying objects weighing up to 50 pounds.	50-100#	10-20#
<input type="checkbox"/>	Very Heavy: Ability to lift over 100 pounds with frequent lifting and/or carrying objects weighing over 50 pounds.	Over 100#	Over 20#
Other - list any other physical requirements or bona fide occupational qualifications not indicated above:			

Note: The purpose of this document is to describe the general nature and level of work performed by personnel so classified; it is not intended to serve as an inclusive list of all responsibilities associated with this position.