CRANES

are machines used in material handling and construction operations. Cranes can be floor, ceiling, truck mounted or mobile. Larger cranes are contracted on campus for projects and must have a crane safe lift plan developed. A lift plan factors in the weight of the load, the crane used, the capacity, and relevant site conditions. Critical lifts require a critical lift plan. Examples include tandem lifts (two or more cranes), loads exceeding 80% of the rating, or lifts that involve a personnel work platform. The University has a handful of ceiling and floor mounted cranes and a truck mounted crane. Multiple hazards exist to both crane users as well as any pedestrians in the vicinity if safe operation is not followed.

EXAMPLE POTENTIAL HAZARDS:
• Contact with active power lines
• Exceeding the max load rating for the crane
• Falling tools and material
• Pedestrians accessing area
• Setting up over manholes, utility vaults, or tunnels
• Operating during high wind, snow, or heavy rain

WHAT TO DO!
• Do not operate a crane without training.
• Do not operate near power lines or during bad weather!
• Complete a pre-use inspection of equipment.
• Ensure any outriggers are in place before setup.
• Keep a secure pedestrian perimeter when in use! Only people directly involved in the lift may be within the established perimeter.
• Wear all required PPE!
• Pay attention to the max load capacity of the crane!
• Follow all manufacturer’s guidelines for proper use!
• Bring injuries and questions to your supervisor!
• Direct additional concerns or questions to EHS.
• In an emergency, call 911 and UOPD (541-346-2919) for immediate assistance!