



## 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!



Secure the perimeter from pedestrian access!



Ensure all outriggers are in place before crane setup!



Do not exceed the crane’s load capacity!

