






<p style="text-align: center;">DANGER</p> <p style="text-align: center;">St. Petersburg College</p> <p style="text-align: center;">Fall Protection Hazards</p> <p>A. Fall Hazards</p> <ol style="list-style-type: none"> 1. <u>Building Structures</u> 2. <u>Exterior Construction Areas</u> 3. <u>Scaffolds</u> 4. <u>Stairs</u> 5. <u>Ladders</u> <p>B. Accident Prevention</p> <ol style="list-style-type: none"> 1. <u>Guardrail Systems</u> 2. <u>Warning Lines</u> 3. <u>Personal Fall Arrest Systems</u> 4. <u>Floor Covers</u> 	<hr/> <hr/> <hr/> <hr/> <hr/> <hr/>
<p style="text-align: center;">DANGER</p> <p style="text-align: center;">St. Petersburg College</p> <p style="text-align: center;">Fall Protection Hazards</p> <ul style="list-style-type: none"> ➤ Falls are one of the greatest hazards on construction sites. ➤ This program will help you recognize common fall hazards. ➤ The symbols will tell you if the situation in the picture is either safe or not safe.  	<hr/> <hr/> <hr/> <hr/> <hr/> <hr/>
<p style="text-align: center;">DANGER</p> <p style="text-align: center;">St. Petersburg College</p> <ul style="list-style-type: none"> ➤ Fall hazards can be found on every construction site: <ul style="list-style-type: none"> ✓ Building structures ✓ Exterior construction areas ✓ Scaffolds ✓ Stairs ✓ Ladders 	<hr/> <hr/> <hr/> <hr/> <hr/> <hr/>
<p style="text-align: center;">DANGER</p> <p style="text-align: center;">St. Petersburg College</p> <ul style="list-style-type: none"> ➤ Work conditions 6' or more above lower level require the use of fall protection: <ul style="list-style-type: none"> ✓ Unprotected sides, edges ✓ Leading edges ✓ Excavations ✓ Walking/working surfaces <ul style="list-style-type: none"> ➤ Regardless of height, fall protection must be used when working above: <ul style="list-style-type: none"> ✓ Dangerous equipment ✓ Sharp objects ✓ Piercing objects 	<hr/> <hr/> <hr/> <hr/> <hr/> <hr/>

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➤ When working at a height of 6' above the lower level you must use fall protection:

- ✓ Personal fall arrest systems
- ✓ Guardrail systems
- ✓ When working above dangerous equipment and sharp objects.



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➤ Damaged or missing guardrails must be fixed immediately.

➤ When materials can be kicked off or pushed out and fall on any worker below, toe boards, screens and/or netting must be used.



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➤ Falls from a short distance can result in serious injury.

➤ All workers must be protected from falling onto sharp materials or onto dangerous equipment.



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➤ All open excavations and pier holes must be guarded or protected.



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- Scaffolds are elevated, temporary work platforms:
 - ✓ Supported scaffold
 - ✓ Guardrail Systems
 - ✓ Access ladders
 - ✓ Powered work platforms
- ✓ The role of the competent person during erection



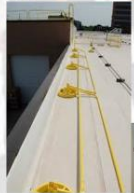
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- Powered platforms include:
 - ✓ man-baskets placed on a forklift,
 - ✓ aerial lifts, and
 - ✓ scissor lifts.



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- Guardrail systems must have a top rail, a mid rail and a toe board.
- The top rail must be at least 42" from the working surface.



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- All guardrail systems must be constructed with a top rail and a mid rail.
- The top rail must support 200 lbs. of force downward and outward.
- The mid rail must support 150 lbs. of force.



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➤ The fall arrest system components are:

- body harness,
- lanyard, and
- anchorage point.



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➤ Body harness must be:

- ✓ inspected before use,
- ✓ adjusted to fit the worker, and
- ✓ free from other visible damage.



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➤ Lanyards must be in good condition and free from visible damage.

➤ Lanyard must attach to the D-ring on the body harness.



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➤ Never anchor or tie off to pipes, wood structures, electrical wires, or other areas not designed for anchorage points.



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- A life line is used to allow a worker to stay tied off while he moves through the work area.
- Workers must always be tied off when working with a personal fall arrest system.



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Open Discussion
