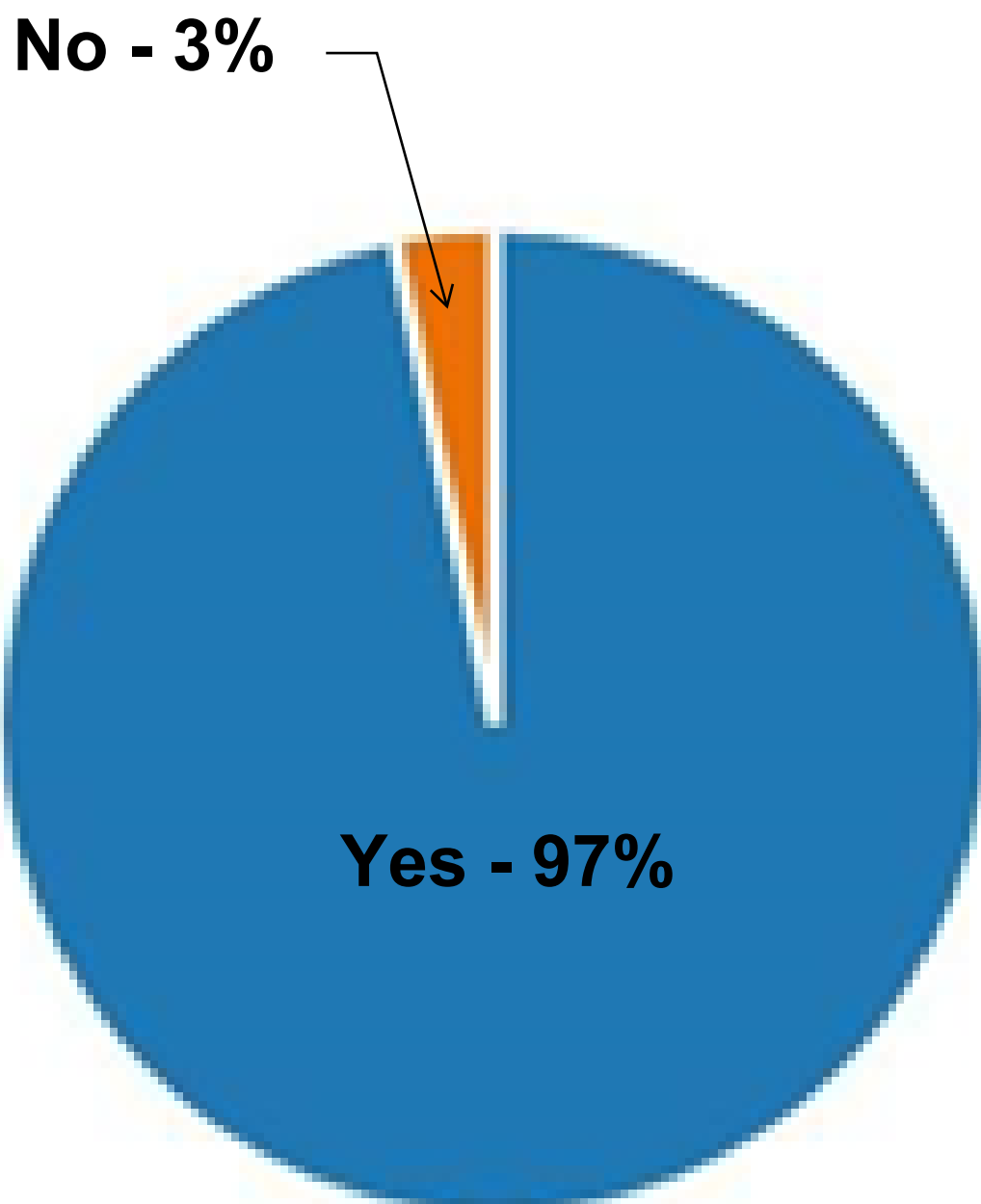


# Introduction to a Demolition Topics Course

The Cal Poly Construction Management (CM) program was created to allow graduates the opportunity to work effectively in practically every part of the construction industry. The curriculum covers a wide range of topics and prepares students with the ability to join various projects, such as residential, commercial, and heavy civil projects. What these projects all have in common, a topic almost entirely ignored at Cal Poly but nonetheless very important and relevant, is demolition in the construction industry. By offering a course focused entirely on the demolition process, principles, and safety, students will be better prepared for the workforce and will have a much broader knowledge on demolition in general. Ensuring smart and safe practices and procedures in demolition is integral and can be applied to the whole industry. This research paper analyzes students' prior knowledge on demolition and then explains why demolition knowledge is important for the industry. This paper explores students' interest on the topic and ensures there is a desire for new knowledge. A topics course on the subject will better prepare students as effective construction managers.



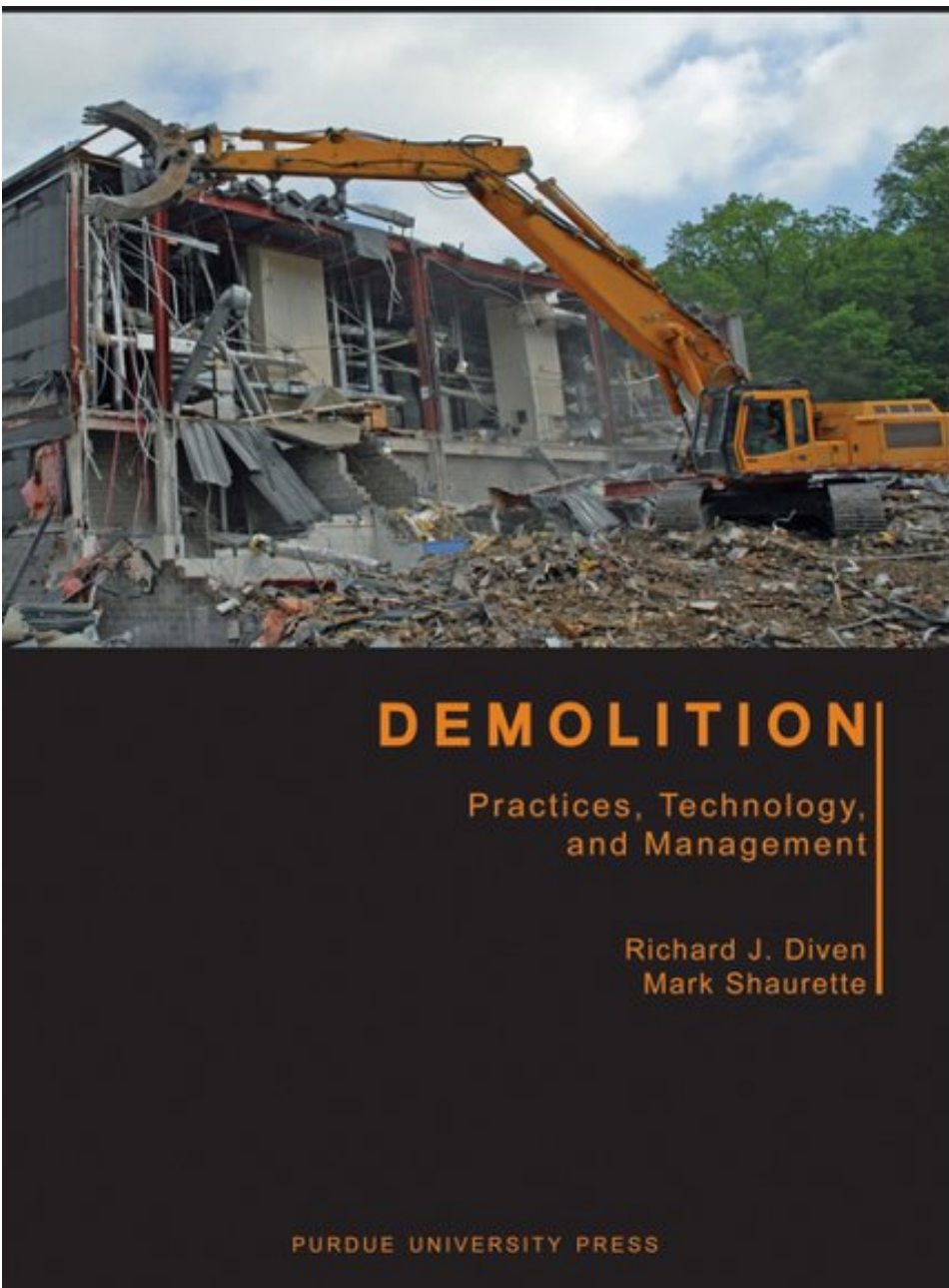
## Survey: Student Interest



Do you think having knowledge on demolition would help you in your future career in the CM Industry?

**Key Words:** Demolition, Curriculum, Safety, Survey, Recycling

## Interview: Industry Interest



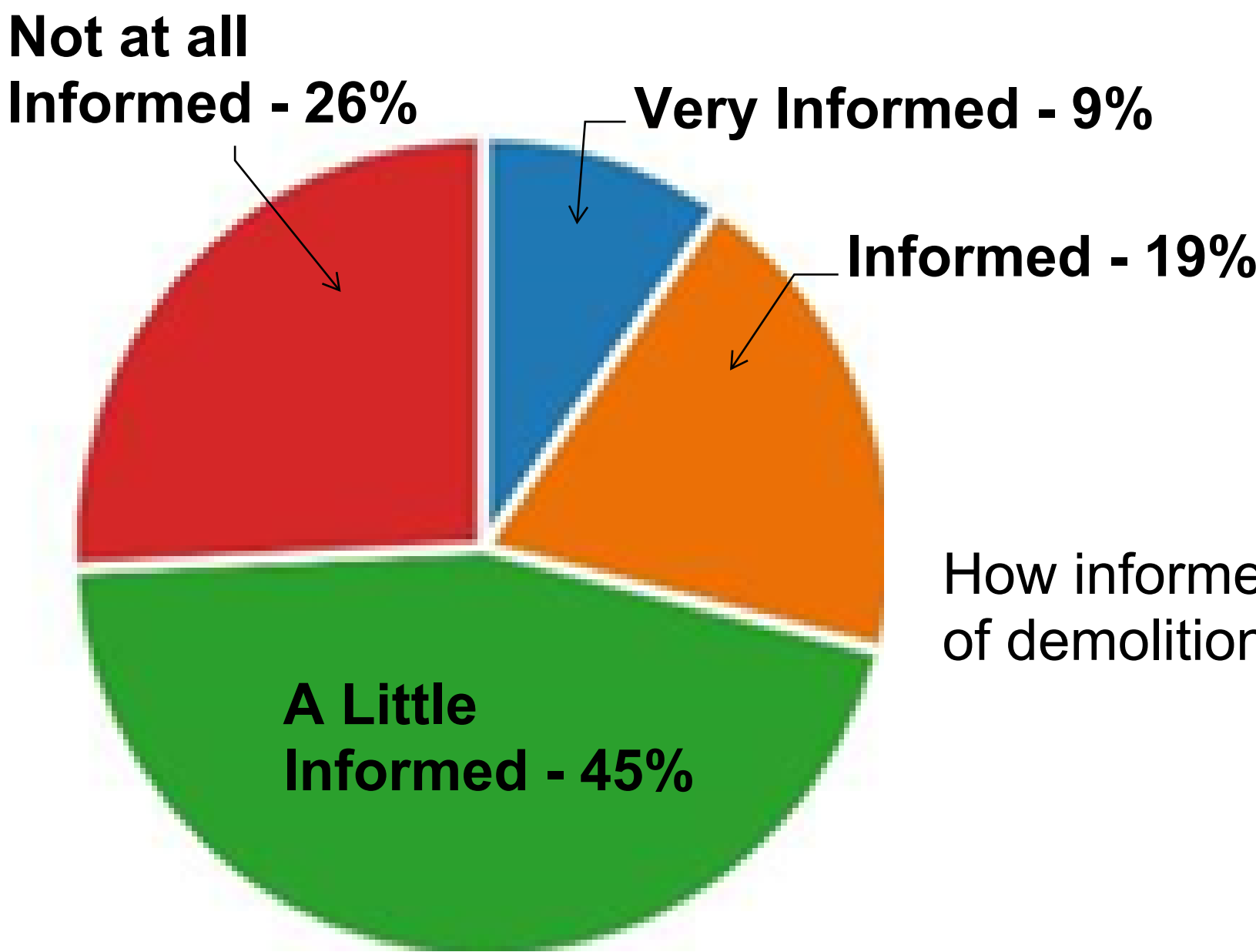
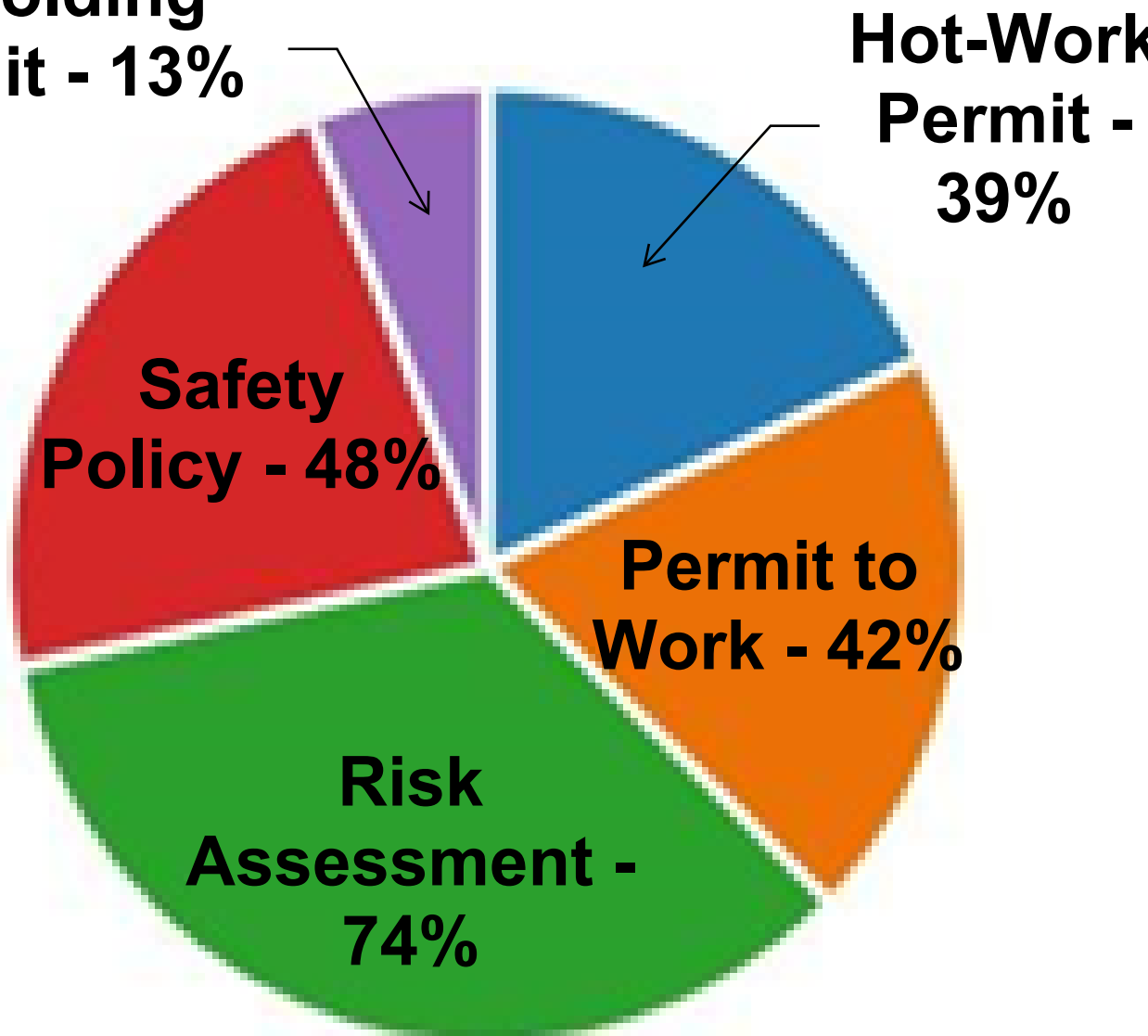
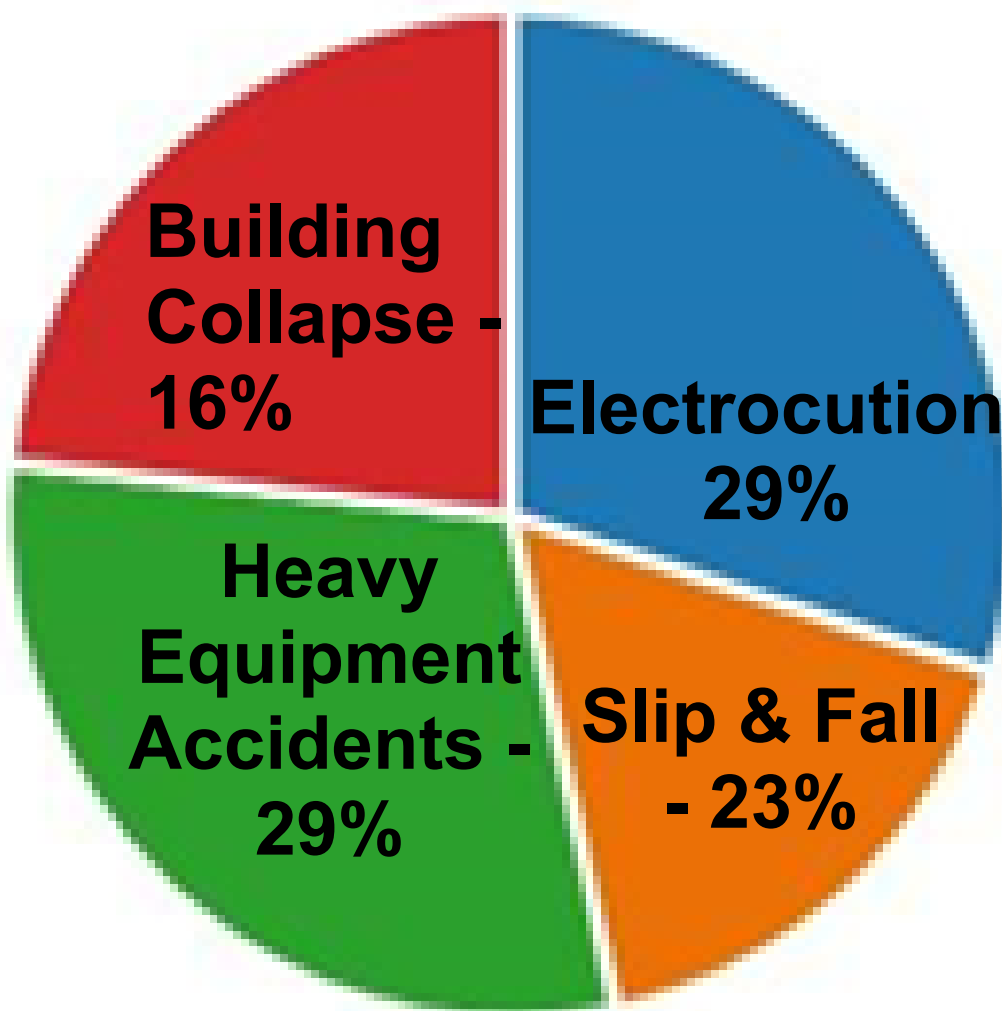
In regards to demolition safety, what is the leading cause of death in demolition work?

Correct Answer: Building Collapse

Which two of the following documents refer to the specific hazards associated with demolition work in confined space?

Correct Answer: Permit to Work & Risk Assessment

## Survey: Student Knowledge



How informed are you on the topic of demolition?

Silverado Contractors provided immense detail on the industry interest and suggested multiple books and case studies that could be applied as course material.

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