



FPST 3013 – Mid-term Review



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- Wednesday March 30, 2022 8:50 am – 10:50 am
 - Open Textbook
 - Accident Prevention Manual Administration and Programs 14th edition Hagan, P.E., Montgomery, J.F., O'Reilly, J.T., National Safety Council, 2015, ISBN 978-0-87912-321-5
 - Open Notes
 - Lecture Notes, posted in Canvas
 - Handwritten notes
 - Calculator
 - Blank Paper for performing calculations
 - Writing Implement
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- No cell phones
 - No backpacks
 - No hats
 - No Internet Access
 - No WeChat with other students



Test Format



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- 110 questions
 - Multiple Choice
 - True/False
 - Ordering/Matching
 - Calculations



Exam Review



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- Ch 1 Historical Perspectives
 - Ch 2 Ethics and the Safety Professional
 - The Singapore Accord
 - Ch 3 Safety Culture
 - Ch 4 Regulatory History
 - Ch 5 Legal and Regulatory Issues for the Safety Manager
 - Ch 9 Incident Investigation
 - Ch 10 Accident Causation Models
 - Accident Causation Models
 - Ch 11 pp 284-290
 - Articles, videos and supplemental information posted in Canvas
 - Weeks 1 thru 5



Topic Review



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- History of Safety
 - Costs of accidents
 - Accident Causation
 - Safety Management Systems
 - Safety Culture
 - Safety Leadership
 - OSHA Recordability
 - Incident Investigation
 - The Singapore Accord
 - Ethics



Things to pay attention to....



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- OSHA Act
 - OSHA recordkeeping
 - Calculation of Incident Rates
 - Loss causation models
 - Heinrich's work
 - Arguments for safety
 - Evolution of a Safety Culture
 - SWAMP, NORM, World Class
 - Safety management system models
 - Incident Pyramid and SIF
 - Safety Leadership concepts
 - Incident Pyramid
 - Iceberg theory



Key Terms



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- Tort
 - General Duty Clause
 - Leading indicator
 - Lagging Indicator
 - Fellow Servant Rule
 - Contributory Negligence
 - Assumption of Risk
 - Medical treatment
 - First Aid
 - Lost Workday
 - Restricted Duty
 - TRIR
 - LTIR
 - DART
 - Hours Worked
 - OSHA Forms
 - Continuous Improvement
 - Leadership Commitment
 - Herbert Heinrich
 - Frank Bird
 - SIF
 - Safety Culture