

การตรวจสอบภายในด้านความปลอดภัย สาเหตุของอุบัติเหตุและการป้องกันทางการบิน การศึกษาระบบวิเคราะห์มนุษย์ปัจจัยและการจำแนกประเภท (HFACS) และการบริหารความเสี่ยง

ทั้งนี้ การจัดการศึกษาของแต่ละสถาบันอุดมศึกษา สามารถนำรายวิชาที่ผ่านการสังเคราะห์และตรวจสอบโดยผู้เชี่ยวชาญด้านนิรภัยการบินนำไปประยุกต์ใช้ให้สอดคล้องกับเอกลักษณ์และอัตลักษณ์ของหลักสูตรต่อไป



สาขาวิชา การจัดการการบิน
ปีการศึกษา 2562

ลายมือชื่อนักศึกษา _____
ลายมือชื่ออาจารย์ที่ปรึกษา _____
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POONYANUCH BOONROD : THE AVIATION SAFETY CURRICULUM FOR
HIGHER EDUCATION

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The purpose of this research was to study the Aviation Safety Curriculum for Higher Education that meets the international aviation safety standards. The research methodology consisted of, the study about an aviation safety manuals, documents, journals, and related researches parallel with the study and analysis of the Aviation Safety Curriculum from the international higher education institutes. The collected data used for examine by the aviation safety specialists who working in the aviation safety field over 10 years which consisted of 7 officers; including 2 officers from Thai Airways International Public Co.,Ltd. (THAI), 1 officer from Civil Aviation Authority of Thailand (CAAT), 3 officers from Airports of Thailand Public Co.,Ltd. (AOT), and 1 officer from Royal Thai Air Force (RTAF); by using the checklist. The data analysis consisted of the synthetic table and the organize groups with similar meanings to descriptive.

The results of this research was the Aviation Safety Curriculum for Higher Education. Core Course which consisted of 8 subjects; Human Factors in Aviation Safety, System Safety, Safety Management System, Aviation Safety, Principle and Investigation Aircraft Accident, Aviation Safety Data Analysis, Aircraft Crash and Emergency Management, Fundamentals of Occupational Safety and Health. Furthermore, the aviation safety specialists were suggested an additional subject which were non-synthesis from the international higher education institutes. These consisted of 22 subjects and divided into 4 courses; (1) Aviation Business Course which consisted of 5 subjects; Aviation Safety Economics, Aerodrome Standard, Aviation industry, Business Statistics, and Introduction to Aeronautics. (2) General Education Course which consisted of 3 subjects; Mathematics, Financial Accounting, and Marketing. (3) Administration and Management Course which consisted of 4 subjects; Aeronautical Study, Communication Management, General Management, and Management of Change. and (4) Specific Course which consisted of 10 subjects; Dangerous Goods Regulations, SMS Implementation and Control, Safety Culture Implementation, Hazard identification, Root Cause Analysis, Aviation Insurance, Internal Audit, Aviation Accident Causation and Prevention, Human Factor Analysis and Classification System (HFACS), and Safety Risk Management.

As a result, the higher education institutions are able to apply these subjects that have been synthesized and examined by the aviation safety specialists in accordance with the institution's entity and identity to conduct the education curriculum.



Aviation Management

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Student's Signature

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