



Course Specification

Subject Code TOM2204 Title: Road Safety Transportation Management
 Transportation Management t, College of Logistics and Supply Chain Suan Sunandha
 Rajabhat University Semester 02 Year 2022

Section 1 General Information

1. Subject Code and Title

Subject code	TOM2204
Subject title in Thai	การบริหารความปลอดภัยทางถนน
Subject title in English	Road Safety Transportation Management

 2. Number of Credits

3(3-0-6)

 3. Subject Course

3.1 Curriculum Type	Bachelor of Business Administration (Transportation Management)
3.2 Subject Type	Major Requirement Courses: Elective
 4. Responsible Lecturer

4.1 Subject Representative Lecturer	Miss Piyamas Klakhaeng
4.2 Teacher	Miss Piyamas Klakhaeng

 5. Contact Point

Lecturer's room, 1 st floor, \ College of Logistics and Supply Chain Suan Sunandha Rajabhat University, Salaya Campus
E- Mail: piyamas.kl@ssru.ac.th, Tel : ๐๘๙-๕๕๑๖๖๕๙

 6. Semester / Academic Year

6.1 Semester	2/2020
6.2 Available for	60 persons approximately

 7. Pre-requisite subject (If any)

No

 8. Co-requisite subject (If any)

No

 9. Study Location

College of Logistics and Supply Chain

 10. Date of preparation or revision

July 1, 2020

- Last Adjustment

Section 2: Goals and Objectives

1. Subject's Goals

1. Able to explain the transportation safety management.
2. Able to explain problems and ways to prevent loss in transportation.
3. Able to analyze the reduction of the number and frequency of transportation accidents. Risk reduction and effective management methods
4. Able to analyze the advantages and disadvantages of loss prevention. Including being able to apply in real work

2. The objectives in developing / updating the course

Transportation Safety Management Loss Prevention in Transportation It is necessary to know information about transport operations for safety, health and environment of the transport business to reduce the number and frequency of transport accidents. system to prevent or reduce losses Working algorithms in road safety management Reducing the number and frequency of transport accidents and forms of risk reduction and effective management methods.

Section 3: Description and Work Implementation

1. Course Description

Transportation Safety Management Reducing the number and frequency of transportation accidents Working algorithms in road safety management Forms of risk reduction and effective management methods

2. Teaching Hours (per semester)

Lecture (hours)	Additional tuition (hours)	Fieldwork / Training (hours)	Self-Study (hours)
45	-	45	90

3. Advising Hours and Personnel Academic Advising Hours

- 3.1 Consult personally at the teacher's room, 2 st floor, College of Logistics and Supply Chain
- 3.2 Consult through the phone at work / mobile number 089-5414659
- 3.3 Consult via electronic mail (E-Mail) piyamas.kl@ssru.ac.th
- 3.4 Consult through social network (Facebook) (Facebook/Twitter/Line) piyamas.kl
- 3.5 Consult via computer network (Internet)https://elcls.ssru.ac.th/piyamas_kl/

Section 4: Learning Outcomes Development of the Students

1. Morality, Ethics

1.1 The development of morality and ethics

- (1) Being aware of the importance of personal ethics, communication ethics and professional ethics to oneself, profession, organization, stakeholders in the organization and society
- (2) Having a positive attitude towards the profession and professional practice by adhering to morality, ethics and professional ethics

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- (3) Being capable of managing conflicts between personal benefits, ethics and professional ethics
- (4) Having other desirable characteristics such as responsibility, punctuality, sacrifice, adherence to discipline, rules and regulations as well as recognition of the value and respect for human dignity

1.2 Teaching Methods

(1) Inquiry-Based Learning: This is a learning process that is based on inquiry or asking questions. Through asking challenging questions learners get intrinsically motivated to start delving deeper to find answers for these questions and in doing so they are exploring new avenues of knowledge and insight. Then....

(2) Using think-pair-share concept, allows the students to share via the public speaking and presentation practicing.

(4) Assigning the students to learn more outside the classroom about the issues of interest and relating to morality and ethics needed to strengthen so that the study results are used to discuss and share experiences between each other

1.3 Evaluation Methods

(1) Evaluation based on involvement in education, questioning and answering questions

(2) Evaluation based on the analysis of case studies

(3) Assessment based on the conclusions and results of role playing

(4) Assessment based on the results of learning outside the classroom and discussions to share experiences

(5) Consideration based on the changes in knowledge, attitude and behavior related to

morality and ethics needed to strengthen

2. Knowledge

2.1 Developing Knowledge

(1) Having the knowledge about the general knowledge of transportation safety management

(2) Having the knowledge resulting from integration of knowledge about in transport activities

(3) Understand and analyze the principles of other sciences related to transportation, such as working procedures in road safety management

2.2 Teaching Methods

(1) Education with focus on providing the students with abilities to learn in the classroom and acquire more knowledge outside the classroom

(2) Education with emphasis on the students' interest in tandem by getting the students to study more the issues of interest through preparation of reports, determination of issues for group discussions and case studies

(3) Focus on practice to enhance skills such as special activities related to public relations, writing for public relations and corporate communications, etc.

(4) Observing activities at prominent agencies, organizations and emphasis on public relations and corporate communications

2.3 Evaluation Methods

(1) Assessment based on behavior, interest and involvement in education, questioning and answering questions

(2) Evaluation based on the results of study, research, group reports, group discussions, analysis of case studies and organizing co-curricular activities

(3) Evaluation based on the results of practicing organizing special events such as press conference, listening to lectures and workshops

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(4) Assessment based on the final exams, including the results of assessing the teacher at the end of the semester

3. Intellectual Skills

3.1 Developing Intellectual skills

- (1) Being able to access the database, which is the knowledge base for professional practice
- (2) Having the potential for ideas such as analysis, synthesis, creative thinking, thinking on several fronts so as to get the facts and knowledge, which are correct, clear and useful
- (3) Being capable of analyzing the situations, planning, management, implementation of the plans and evaluating the results of public relations and corporate communications
- (4) Being capable of organizing the ideas systematically and creative presentation thereof
- (5) Being able to link and apply the knowledge to working in public relations and corporate communications effectively and efficiently

3.2 Teaching Methods

- (1) Education that focuses on providing the students with abilities to learn in the classroom and acquire more knowledge outside the classroom
- (2) Education with focus on the students' interest in tandem by getting the students to study additionally the issues of interest through preparation of reports, determination of issues, group discussions and case studies
- (3) Education with emphasis on the exchange of knowledge and experiences between the teacher and students and between the students and students
- (4) Focus on practicing and participation in co-curricular activities to integrate the knowledge into practice concretely

3.3 Evaluation Methods

- (1) Assessment based on behavior, interest and participation in education, questioning and answering questions
- (2) Evaluation based on the results of study, research, group reports, group discussions, analyzing case studies and reporting
- (3) Evaluation of practicing and participation in co-curricular activities to integrate the knowledge
- (4) Evaluation based on answering review questions of the chapter and at the end of the semester, including the results of assessing the teacher at the end of the semester

4. Interpersonal Skills and Responsibility

4.1 Developing Interpersonal Skills and Responsibility

- (1) Having skills in interpersonal communication related to public relations and corporate communications such as negotiation, persuasion, conflict management and teamwork, etc.
- (2) Having skills in building and maintaining relationships with colleagues and stakeholders
- (3) Being able to adapt well to the situation and culture of the organization where one works
- (4) Being able to perform the profession's duties with responsibility towards oneself, colleagues, stakeholders, organization and the society as a whole with quality and integrity
- (5) Being able to solve the problems and improve the operational processes to be more efficient and effective

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4.2 Teaching Methods

- (1) Incorporating experiences, including related and actual events in the society to explain in support of education
- (2) Study by analyzing case studies related to interpersonal relationships and responsibility
- (3) Practicing group work such as reports, discussions, special projects or business models
- (4) Using a teaching method typical of role playing to encourage the students to have realistic experience
- (5) Education with focus on the exchange of knowledge and experiences between the teacher and students and between the students and students
- (6) Focus on practicing and participation in co-curricular activities to integrate the knowledge into practice concretely

4.3 Evaluation Methods

- (1) Evaluation based on participation in education, questioning and answering questions
- (2) Evaluation based on the analysis of case studies
- (3) Evaluation based on practicing group work
- (4) Evaluation based on the conclusions and results of role playing
- (5) Consideration based on the changes in attitude and behavior related to interpersonal communication and responsibility

5. Skills in Numerical Analysis, Communication and Using Information Technology

5.1 Skills in Numerical Analysis, Communication and Using Information Technology needed to Develop

- (1) Having skill in using numerical information from primary and secondary data sources for analyzing the situations, decisions, planning, plan management and operations, including evaluation of working in public relations and corporate communications
- (2) Having communication skills, which promote effective working in public relations and corporate communications, namely listening, speaking, reading and writing skills both in Thai and English, which are a foundation for creating the message and presentation
- (3) Having skill in using information technology and various mediums to help with working in public relations and corporate communications such as Internet communication with various forms, particularly social media applications, e.g. using Blog Facebook and Website, etc.

5.2 Teaching Methods

- (1) Incorporating experiences as well as related and actual events in the society
- (2) Study by analyzing case studies related to the skills needed to strengthen
- (3) Assigning the students to prepare Blog Facebook and Website
- (4) Assigning the students to learn more outside the classroom about the issues of interest and relating to the skills needed to strengthen so that the study results are used to discuss and share experiences.

5.3 Evaluation Methods

- (1) Evaluation based on involvement in education, questioning and answering questions
- (2) Assessment based on the analysis of case studies
- (3) Evaluation based on Blog Facebook and Website assigned to the students
- (4) Evaluation based on the results of learning outside the classroom and discussions to share experiences

Notes

Symbol ● represents the main responsibility.

Symbol ○ means the secondary responsibility.

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Blank means no responsibility.

Which will appear on the map showing the distribution of responsibilities, learning outcome standard from the curriculum to course (Curriculum Mapping)

Section 5: Teaching Schedule and Evaluation

Week	Topic / Details	No. of hours	Educational Activities / Mediums for Use	Lecturer
1-2	บทที่ 1 ความรู้เบื้องต้นเกี่ยวกับ อาชีวอนามัยและความปลอดภัย - ความหมายของงานอาชีวอนามัยและความปลอดภัย - ลักษณะงานอาชีวอนามัยและความปลอดภัย - วัตถุประสงค์ของงานอาชีวอนามัยและความปลอดภัย - LPS (Loss Preventive System) เป็น “ระบบ” ป้องกันหรือลดความสูญเสียโดยใช้วิธีการที่เน้นที่พฤติกรรมของคนควบคู่ไปกับการบริหาร	3	<ul style="list-style-type: none"> Lecture Active learning: Group Activities, Presentation, Discussion Work book: Exercise, Questions & Answers 	Piyamas Klakhaeng
3-4	บทที่ 2 การส่งเสริมสุขภาพอนามัยของพนักงาน - องค์กรที่เกี่ยวข้องในงานอาชีวอนามัยและความปลอดภัยเกี่ยวกับองค์กรภาครัฐ - องค์กรที่เกี่ยวข้องในงานอาชีวอนามัยและความปลอดภัยเกี่ยวกับองค์กรภาคเอกชน	3	<ul style="list-style-type: none"> Lecture Active learning: Group Activities, Presentation, Discussion Work book: Exercise, Questions & Answers 	Piyamas Klakhaeng
5-6	บทที่ 3 สถานการณ์ด้านอาชีวอนามัย - ความเป็นมาของกฎหมายด้านอาชีวอนามัยและความปลอดภัยในประเทศไทย - สถานการณ์ด้านอาชีวอนามัยและความปลอดภัยตั้งแต่อดีตถึง	3	<ul style="list-style-type: none"> Lecture Active learning: Group Activities, Presentation, Discussion Work book: Exercise, Questions & Answers 	Piyamas Klakhaeng

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Week	Topic / Details	No. of hours	Educational Activities / Mediums for Use	Lecturer
	<p>ปัจจุบัน</p> <ul style="list-style-type: none"> - ปัญหาทางด้านอาชีพอนามัยและความปลอดภัย - อันตรายจากสภาพแวดล้อมทางเคมี - พิษของสารเคมีต่อร่างกาย - อันตรายจากสภาพแวดล้อมทางกายภาพ - อันตรายจากสภาพแวดล้อมทางชีวภาพ - อันตรายจากสภาพแวดล้อมทางด้านกายศาสตร์ 			
7	ทบทวนการเรียนรู้	3	<ul style="list-style-type: none"> • Lecture • Active learning: Group Activities, Presentation, Discussion • Work book: Exercise, Questions & Answers 	Piyamas Klakhaeng
8	สอบกลางภาค			
9-10	<p>บทที่ 4 สถานการณ์การบาดเจ็บเนื่องจากการทำงาน ในกลุ่มอาชีพต่างๆ</p> <ul style="list-style-type: none"> - การป้องกันการบาดเจ็บจากการทำงาน - การป้องกันทางวิศวกรรมทั่วไป - การกำหนดมาตรฐาน - การวิเคราะห์อันตรายและความเสี่ยง - สอบสวนอุบัติเหตุ เพื่อกำหนดมาตรการป้องกัน - การฝึกอบรมให้มีวิธีการปฏิบัติงานที่ดี - การบังคับใช้กฎหมาย 	3	<ul style="list-style-type: none"> • Lecture • Active learning: Group Activities, Presentation, Discussion • Work book: Exercise, Questions & Answers 	Piyamas Klakhaeng
11-12	<p>บทที่ 5 ความปลอดภัยในการทำงาน</p> <ul style="list-style-type: none"> - การเกิดอุบัติเหตุเนื่องจากการทำงาน - สาเหตุการเกิดอุบัติเหตุ - การกระทำที่ไม่ปลอดภัย 	3	<ul style="list-style-type: none"> • Lecture • Active learning: Group Activities, Presentation, Discussion • Work book: Exercise, Questions & Answers 	Piyamas Klakhaeng

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Week	Topic / Details	No. of hours	Educational Activities / Mediums for Use	Lecturer
13	บทที่ 6 หลักทั่วไปในการป้องกันและควบคุมอันตรายจากสภาพแวดล้อมในการทำงาน	3	<ul style="list-style-type: none"> Lecture Active learning: Group Activities, Presentation, Discussion Work book: Exercise, Questions & Answers 	Piyamas Klakhaeng
14	บทที่ 7 หลักการจัดบริการอาชีพอนามัย	3	<ul style="list-style-type: none"> Lecture Active learning: Group Activities, Presentation, Discussion Work book: Exercise, Questions & Answers 	Piyamas Klakhaeng
15	สอบปลายภาค			

๒. แผนการประเมินผลการเรียนรู้

ผลการเรียนรู้	วิธีการประเมินผลการเรียนรู้	สัปดาห์ที่ประเมิน	สัดส่วนของการประเมินผล
1.1.1-1.1.4, 2.1.1-2.1.3, 3.1.1-3.1.4, 4.1.1-4.1.5, 5.1.1-5.1.2	Behavior and participation in the classroom	Every week	10
1.1.1-1.1.4, 2.1.1-2.1.3, 3.1.1-3.1.4, 4.1.1-4.1.5, 5.1.1-5.1.2	Individual practice Midterm exam	6-7 8	10 30
1.1.1-1.1.4, 2.1.1-2.1.3, 3.1.1-3.1.4, 4.1.1-4.1.5, 5.1.1-5.1.2	Practicing of individual groups	10-11,14-16 20	10
4.1.1-4.1.5, 5.1.1-5.1.2,6.1,6.2,7.1,7.2	Final exam	Final exam 17 30	Final exam 17 40

Section 6: Teaching and Learning Resources

1. Main Textbooks and Documents เอกสารประกอบการสอน แผนการจัดการการขนส่ง เรื่องกลยุทธ์การดำเนินการขนส่ง
2. Important Documents and Information ไม่มี
3. Recommended Documents and Information บทความทางด้านการวิเคราะห์เชิงปริมาณ นิตยสาร งานวิจัย หนังสือพิมพ์ธุรกิจต่างๆ เช่น ประชาชาติ ธุรกิจ ฐานเศรษฐกิจ ผู้จัดการ

Section 7: Evaluation and Improving the Implementation of the Course

1. Strategies to Evaluate Effectiveness of the Course by Students

1.1 The Curriculum Management Committee jointly considers the guidelines for measurement, evaluation and exam papers.

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1.2 Explaining the importance of improving the course and the roles of students to the students for evaluating effectiveness of the course as stakeholders of course management

1.3 Promoting evaluation of potential before and after learning by the students themselves

1.4 Creating the atmosphere of exchanging views on effectiveness of the course between the students and the teacher during the semester

2. Strategies for Teaching Assessment

2.1 Assessment by mainly focusing on participation of the students, e.g. consideration based on behavior and involvement of students

2.2 Assessment by the viewpoints of the teacher such as evaluating the potential for teaching according to the stipulated teaching plan, consideration based on the teaching and learning atmosphere

2.3 Assessment based on the students' learning outcomes

2.4 Consideration based on the teaching assessment of students

3. Teaching Improvement

3.1 Processing data from the teaching evaluation under Section 2 to summarize the weaknesses, strengths, problems, obstacles and proposals so as to improve teaching

3.2 Doing research in the classroom to develop the model and methods of teaching

3.3 Seeking and improving the teaching techniques and mediums, including creating the teaching and learning atmosphere

3.4 Consideration by the Curriculum Management Committee

4. Verification of Achievement Standard of Students in the Course

4.1 Consideration by the Curriculum Management Committee

4.2 Consideration of consistency between the learning results and the quality of group work and individual work assigned to the students throughout the semester

4.3 Assessing the appropriateness of teaching management plan, educational activities, assignments, measurement and evaluation of learning results and description of the course and the course's objectives

4.4 Cooperation with the teacher of the next course in evaluating the results of learning the previous course

5. Action to review and plan the improved effectiveness of the course

5.1 Examination of the information from assessment under Sections 1-4 to summarize the issues that need improvement, correction or promotion for having the enhanced standards

5.2 Study of information about both academic and professional changes

5.3 Planning for improving effectiveness of the course, taking action to implement and evaluate regularly

5.4 Presentation to the Curriculum Management Committee for joint consideration

Map showing the distribution of responsibilities, learning outcome standard from the curriculum to course (Curriculum Mapping)

As shown in Program Specification TQF:HEd. 2

Course	Morality, Ethics				Knowledge			Intellectual Skills			Interpersonal Skills and Interpersonal Responsibility and Responsibility				Skills in Numerical Analysis, Communication and using Numerical Information Technology, Communication and using Information Technology				
	● Main Responsibility												○ Secondary Responsibility						
Type: General Education	1	2	3	4	1	2	3	1	2	3	1	2	3	4	1	2	3	4	
Course Code TOM2204 Course Title: Road Safety Transportation Management	●	○	○	○	●	○	○	○	○	●	○	○	●	○	○	○	●	○	