



Course Syllabus Second Semester, Academic Year 2024

1. Faculty of Agriculture at Kamphaeng Saen

Department of Farm Mechanics

2. Course code: 02027497

Course name: Seminar

Credit: 1(0-2-6)

Pre: -

3. Instructor team:

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4. Providing students with access to and advice outside of class hours:

Working days During official hours, except during teaching periods or when on official business outside of the premises. In case of emergency, students can contact us via Line group or Mobile phone.

5. Course Objectives:

5.1 Students are able to research documents and gather information for academic presentations.

5.2 Students are able to prepare presentation materials for academic work, and can present, discuss, and respond to questions appropriately.

6. Course Description

Presentation and discussion on interesting topics in agricultural machinery and mechatronics at the bachelor's degree level.

7. Program Learning Outcomes: PLOs (7 PLOs of the 2017 AMM revised curriculum)

PLOs	Knowledge	Specific skills	Generic skill	Attitude
PLO4: Be able to search pursue academic progress and integrate knowledge of agricultural machinery and technology in agriculture.	- Principles of searching and monitoring academic progress in agricultural machinery and technology in agricultural science.	-Able to search and monitor academic progress in agricultural machinery and technology. -Able to analyze, synthesize, and design problem-solving approaches by integrating knowledge in agricultural machinery and technology. -Possess presentation skills in conveying academic progress in agricultural machinery and technology.	-Technical academic vocabulary (in English) in the field of agricultural machinery and technology -Computer and IT skills in agriculture.	- Be responsible - Punctuality - Honesty. - Ability to work collaboratively with others. - Develop a passion for the profession - Has a passion for the profession - Keeping up with relevant academic news and information.

PLO5: Be shown to morality, ethics, discipline, punctuality, honesty, responsibility towards oneself and society.	<ul style="list-style-type: none"> - University regulations for higher education of Kasetsart University - Wisdom Knowledge of the Land 	<ul style="list-style-type: none"> - Able to adapt and develop proper learning behaviors. - Has a positive attitude toward self, others, and society. 	<ul style="list-style-type: none"> - Behave appropriately and serve as a good role model - Comply with university regulations and refrain from misconduct - Participate in various activities with intention and willingness 	<ul style="list-style-type: none"> - Be responsible - Punctuality - Honesty. - Ability to work collaboratively with others. - Develop a sense of pride and commitment to the profession and the institution.
PLO6: Be able to communicate their knowledge of agricultural machinery and technology which is appropriate to both in the academic section and the agricultural community.	<ul style="list-style-type: none"> - Principles of using Thai language - Principles of using English language - Techniques for both writing and oral presentation - Proper use of communication technology 	<ul style="list-style-type: none"> - Able to present academic progress in agricultural machinery. - Able to use academic terminology (in Thai and English) related to agricultural machinery and technology. - Able to explain agricultural machinery and technology knowledge to local communities. 	<ul style="list-style-type: none"> - Confidence in presentation - Safety in work practices 	<ul style="list-style-type: none"> - Be responsible - Punctuality - Ability to work collaboratively with others. - Has a passion for the profession - Keeping up with relevant academic news and information.
PLO7: Be able to work with others as good leaders and members, and able to adapt to different situations appropriately.		<ul style="list-style-type: none"> - Interpersonal skills for working with others and the ability to work effectively as part of a team. - Leadership and followership skills, with a willingness to listen to colleagues' opinions. - Problem-solving skills in various situations. 	<ul style="list-style-type: none"> - Possess presentation skills and the ability to listen to colleagues' opinions 	<ul style="list-style-type: none"> - Has a positive attitude toward living and working with others. - Adapts appropriately to different environments.

8. Course Learning Outcomes: CLOs and methods for measuring learning outcomes

Course Learning Outcomes: CLOs	Methods for measuring learning outcomes	PLOs
<p>CLO1: Students present topics of interest and findings related to agricultural machinery and mechatronics.</p> <p>CLO2: Students are able to write academic reports in the field of agricultural machinery and mechatronics.</p>	<p>1. Presentation, answering questions and solving problems using appropriate language and IT technology for both individual and group work in the form of a special project report.</p> <p>2. Evaluate topics of study, analyze, plan, and solve problems in the academic field of agricultural machinery and mechatronics.</p> <p>3. Assessment using a rubric (Table 1)</p>	<p>PLO4</p> <p>PLO6</p>
CLO3: Students are responsible, moral, ethical, disciplined, punctual, honest, and responsible for themselves and society.	<p>4. Observing behavior, attending class, punctuality, providing feedback</p> <p>5. Submitting assigned work on time and the quality of assigned work</p>	PLO5
CLO4: Have the skills to work with others as a good leader and member and can adapt to various situations appropriately.	6. Observing behavior, teamwork and leadership-followership.	PLO7

9. Academic achievement measurement (%)

Instructors evaluate the presentation of research findings in the field of agricultural machinery and mechatronics, including the following criteria:

Criteria	Weight
1. Competency on Communication and presentation skills	30
2. Body language and tone of voice	15
3. Personality and dressing	10
4. Completeness of slides and content (correctness, font, clarity, beauty)	30
5. Presentation time including discussion/questions	5
6. Preparation before presentation	5
7. Presentation overview	5
Total	100

Each criterion is divided into four scoring levels. The total score is 400 points.

- Excellence : 4 point
- Good : 3 point
- Satisfactory : 2 point
- Need Improvement : 1 point

The average of the total scores given by the evaluating instructors is 100 points.

Score level	>=80	75-79	70-74	65-69	60-64	55-59	50-54	<50
Grade	A	B+	B	C+	C	D+	D	F

10. Documents to read:

Relevant and up-to-date books, journals, research reports, research articles, and other documents pertaining to the special project topic.

11. Schedule of activities related to teaching and learning.

Friday, 1:00 PM – 3:00 PM at the Department Laboratory Building. Seminar Room.

No.	Activity	Lecturer	CLOs	Teaching/Learning method	Assessment	PLO
1	Course Introduction, Schedule, and Teaching Methods	Pongsak	CLO2 CLO3 CLO4	-Lecture in the Seminar room	-	PLO 4 PLO 5 PLO 6 PLO 7
2	Principles of Academic and Research Presentation	Pongsak and colleagues		Lecture in the Seminar room	Presentation Topics for Academic and Research Work	
3	Guidelines for Creating Presentation Materials for Academic and Research Work	Pongsak and colleagues		Lecture in the Seminar room	Outcomes of Media Development for Academic and Research Presentation Purposes	
4	Guidelines for Utilizing Media in Scholarly and Research Communication	Pongsak and colleagues		Lecture in the Seminar room	Application of Media and Information Technology in Academic and Research Presentations	
5-6	Academic and research information retrieval for academic presentation	Pongsak and colleagues	CLO1 CLO2 CLO3 CLO4	Lecture in the Seminar room	Outcomes of Academic and Research Information Retrieval for Scholarly Presentations	
7-9	Presentation of progress reports on academic and research information gathering for academic presentation purposes	Pongsak and colleagues		Presentation of progress reports on academic and research information gathering for academic presentation purposes	The presentation of students' project reports	

10-15	Project presentation in the seminar room	Pongsak and colleagues		Project presentation in the seminar room	The presentation of students' project reports	
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12. Evaluation of teaching results:

From the student's questionnaire, students must evaluate their teaching results at www.kps.ku.ac.th (go to Students, Teaching System) with the university's teaching evaluation form before the mid-term and final exams.

13. Review to improve teaching methods and teaching systems:

- ☐ No review because students.....
- ☒ Reviewed by reviewing from the recommendation of the student evaluation, the student want instructor give clearly about time for assignments submission as well as details of assignments.
- ☐ Not revised.....
- ☒ Revised to be consistent with the recommendation of the student.

14. Teaching improvement from teaching evaluation results:

- ☐ No teaching evaluation
- ☒ Teaching evaluation
- ☒ No improvement, the average score of the evaluation is equal to 4.80.....
- ☐ Improvements as follows.....



 Signature
 (Assoc.Prof. Pongsak Unontanasawat)
 20 November 2024

Table 1 Rubric Scoring Criteria for Seminar (Course: 02027497 Seminar)

Criteria	Weight	Excellence: 4	Good: 3	Satisfactory: 2	Need Improvement: 1	Score
1. Competency on Communication and presentation skills	30	-Self-Introduction -Introduction to the special problem topic -Presentation in a sequential and interesting manner -Deliver content without interruption, easy to understand -Explain without reading the notes.	-Self-Introduction -Introduction to the special problem topic -Presentation in a sequential and interesting manner, -Deliver content without interruption and easy to understand.	-Introduction to the special problem topic -Content delivery is interrupted -The number of speech delays (times) that uh, ah, are used frequently -Explain by reading the notes.	-The presentation sequence is difficult to understand -The delivery of the content is very disruptive.	120
2. Body language and tone of voice	15	-Make eye contact with the audience, use body language and tone of voice to attract the audience to be interested in what is being always presented. -Use language according to the principles of language use. - Have appropriate speed of speaking, pause and emphasize words or important points throughout the presentation. -Have an appropriate volume of voice.	-Make eye contact with the audience, use body language and tone of voice to attract the audience to be interested most of the time. -Have appropriate speed of speaking, pause and emphasize words or important points most of the time.	-Make eye contact with the audience, use body language and tone of voice to keep the audience always interested. Soft/flat voice -Speak quickly/slowly, pause, emphasize words or important points occasionally.	-Lack of eye contact, body language and tone of voice are not engaged to the listener. -Speak too fast or too slow.	60
3. Personality and dressing	10	Dressing in student uniform, shirt tucked into pants, wear socks, shoes with heels, and stand in an appropriate presentation position.	Dressing in student uniform, be polite enough, and stand in an appropriate presentation position.	Dressing in student uniform, standing and presenting, resting legs/shaking legs	Dressing inappropriately, standing with legs crossed / shaking legs / not wearing student uniform	40
4. Completeness of slides and content (correctness, font, clarity, beauty)	30	-Interesting slides -Size, color, and use of front of letters are clear. Bullets are used to separate topics or sub-content, making it easy to read.	-Most slides are interesting. -Size, color, and use of front of letters are clear - Fairly suitable for academic presentations -5-10 spelling errors	-Slide interest is average. -Font size, color, and fronting are unclear. Slides are hard to read -11-15 misspelled words	-Slides are not interesting. -More than 15 misspelled words	120

Criteria	Weight	Excellence: 4	Good: 3	Satisfactory: 2	Need Improvement: 1	Score
		-Suitable for academic presentations -Use correct written language according to the principles of language use -Correct spelling, no more than 5 incorrect words				
5. Presentation time including discussion/questions	5	-Keeping time very well, 15-20 minutes.	-Good time keeping, less than 10 minutes (+/- 1 minute) or more than 12 minutes (+/- 1 minute).	- Good time keeping, less than 10 or more than 12 minutes (+/- 3 minutes)	- Presentation less than 10 minutes (-5 minutes) or more than 12 minutes (+5 minutes).	20
6. Preparation before presentation	5	- Ready to present immediately when in front of the class	- Ready to present. There are some hiccups due to preparation, but everything goes smoothly.	- Be ready to present. There are some hiccups due to preparation. There are some hiccups, but they are resolved within 5 minutes.	-Lack of preparation before and during the presentation	20
7. Presentation overview	5	-Complete content, clear communication, complete and appropriate slides, beautiful, good timekeeping, preparation and readiness to present, answer questions to the point	-Content is complete, communication is clear, slides are complete and appropriate, beautiful, and timely. No preparation and presentation readiness.	-Content is complete, communication is clear, slides are incomplete and inappropriate, not keeping time well, not being prepared and not ready to present, not answering questions clearly.	- Lack of preparation and readiness for presentation. Content is incomplete. Time taken is too long or too short. Questions are not answered clearly.	20
Total Score						400

Remark: Providing feedback after the presentation