AYDIN ADNAN MENDERES UNIVERSITY
COURSE INFORMATION FORM

Course Title	Agriculture Insurances								
Course Code	TE182		Couse Level	First Cycle (Bachelor's Degree)					
ECTS Credit	3	Workload	75 *(Hours)*	Theory	2	Practice	2	Laboratory	0
Objectives of the Course	Theoretical and practical information on insurance, risk and risk management tools in agriculture, and applications of agricultural insurance, insurance calculations, methods of damage assessment and organization, reassurance and systems of government support would be transferred to students selected the lecture within the scope of lecture in Faculty of Agriculture. Thus, providing demands of specialist engineer on risk management and agricultural insurances for Ministry of Food, Agriculture and Livestock, TARSIM and private insurance firms in particular and increasing employment opportunity of grad students in this area are targeted.								
Course Content	Insurance concept, improvementy of insurance business, classification of insurance; characteristics of agricultural activities and relationships with agricultural insurance; risk and uncertainties encountered in agriculture, tools for risk managament in agriculture; risk management in rural development; agricultural insurances in risk transfer; identification, scope and classification of agricultural insurances; improvement of agricultural insurances; legislation in agricultural insurance and imrovements in organizational structure in Turkey; state-funded agricultural insurances and types of those, management of agricultural insurances; insurance applications region-based; insurance calculations, risk analysis, risk price, determination of insurance premimum, preimum/damage relationships, sureties, bills; damage theories, techniques of damage determination and damage organization; determination of compensation, case studies; financing of insurance and reassurance, insurance cooperation								
Work Placement	N/A								
Planned Learning Activities and Teaching Methods	Explanation (Presentation), Discussion, Case Study, Individual Study, Problem Solving								
Name of Lecturer(s)	Prof. Ferit ÇOBANOĞLU								

Assessment Methods and Criteria		
Method	Quantity	Percentage (%)
Midterm Examination	1	40
Final Examination	1	70

Recommended or Required Reading	
1	Çetin, B., Turhan, Ş., Tarım Sigortaları. Nobel Akademik Yayıncılık Eğitim, Danışmanlık Tic. Ltd. Şti., 2. basım, Ankara, Mayıs, 2013, 272 sayfa.
2	Dinler, T., Tarım Sigortalarına Giriş. İ.Ü. Ders Notları, İstanbul, 2000.
3	Tanrıvermiş, H., Tarım Sigortaları, Matsa Basımevi, 1994, Ankara.
4	TARSİM başta olmak üzere, çeşitli kuruluş ve organizasyonların internet (web) adresleri

Week	Weekly Detailed Course Contents	
1	Theoretical	Insurance concept, historical development of insurance, classification of insurances, Improvement of insurance sector and current situation temper to branches
2	Theoretical	Relationship risk and insurance, importance and place of agriculture in economy of the country, characteristics of agricultural operation, and relationship of those with agricultural insurances
3	Theoretical	Risk and uncertainties encountered in agriculture; classification of risks and insurable; tools for risk management in agriculture; risk management in rural development
4	Theoretical	Importance of agricultural insurances in risk tranfer; identification, scope, and classification of agricultural insurance,
5	Theoretical	Improvement of agricultural insurance and organizational structure
6	Theoretical	Agricultural applications in the world (applications in European Union, USA, Canada, Japan, and Asia countries)
7	Theoretical	Improvements on legislation of agricultural insurance and organizational structure in Turkey
8	Intermediate Exam	Mid-term exam
9	Theoretical	Evaluation of Turkey’s agriculture in terms of insurance applications, agricultural insurances and types government supported (insurances on crop production, hail, fire, frost, livestock, pooultry, aquaculture, greenhouse insurances and agricultural wealth)
10	Theoretical	Management of agricultural insurances; applications of insurances region-based, and evaluation of agriculture of Turkey with regards to this model

11	Theoretical	Insurance calculations: risk analysis, risk price, determination of insurance premium, premimum/damage relationships, assurances, sample bills
12	Theoretical	Damage theory, techniques to damage determination, and damage organization; determination of compensation in agricultural insurances; damage expertness conditions for agricultural insurance; case studies related with damage/loss in crop and livestock products
13	Theoretical	Financing of insurance and reassurance; insurance cooperation; demonstration of insurance costs within business costs
14	Theoretical	Case studies presentations of students
15	Theoretical	Being discussion difficulties in application of government-supported agricultural insurances in Turkey and conversation with a quest from TARSIM on the issue
16	Final Exam	Final exam

Workload Calculation

Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	14	0	2	28
Lecture - Practice	14	0.5	2	35
Midterm Examination	1	5	1	6
Final Examination	1	5	1	6
			Total Workload (Hours)	75
			[Total Workload (Hours) / 25*] = **ECTS**	3

**25 hour workload is accepted as 1 ECTS*

Learning Outcomes

1	The students taken the lecture will have data on theory, applications of risks encountered in agriculture and agricultural insurances used in transferring of these risks and related regulations.
2	Students will be able to have knowledge about policies of agricultural insurance policies and qualifications of these regulations
3	Calculation of agricultural insurance policy costs, pre-insurance and post-insurance applications
4	Individual research, analysis, synthesis, making a representation, and taking responsibilities of students will improve with writing of term papers and presentation experiences.
5	The students passed the lecture succesfully will have practical experience in applications of agricultural insurance via case studies and discussions in-class training, and also they will have fund of knowledge and skills.

Programme Outcomes *(Agricultural Biotechnology)*

1	To be able to develop skills in identifying, modeling and solving problems in agricultural biotechnology
2	To be able to synthesize life and engineering sciences for the effective resource planning of agricultural biotechnology applications
3	To be able to interpret about living organisms structure, metabolic and physiological processes in order to propose biotechnological solutions to the agricultural problems
4	To be able to analyze genomic, metabolomic and proteomic information via bioinformatic tools.
5	To have the ability to analyze collected data and interpret the results.
6	To have the ability of individual working ability and to make independent decisions, to work in inter-disciplinary and interdisciplinary teamwork, to communicate by expressing their ideas orally and in writing, clearly and concisely
7	To have the awareness of professional liabilities and ethics
8	To be able to follow current national and international problems

Contribution of Learning Outcomes to Programme Outcomes *1:Very Low, 2:Low, 3:Medium, 4:High, 5:Very High*

	L1	L2	L3	L4	L5
P1	2	3	4	3	4
P2	2	3	2	3	3
P3	2	1	1	1	1
P4	1	1	1	1	1
P5	3	3	4	3	3
P6	4	4	4	4	4
P7	4	4	4	4	4
P8	4	4	4	3	4