



T.R.
İSTANBUL UNIVERSITY
FACULTY OF FORESTRY
CURRICULUM FORM
Syllabus



Number :
Department : FORESTRY ENGINEERING, UNDERGRADUATE PROGRAM,(FORMAL EDUCATION)
Academic Year : 2014 - 2015

Date : 06.04.2015

Course Name :		FOREST TRANSPORTATION TECHNOQUES				Course Code :	EROM3138
Semester	Theory	Practice	Lab	Credit	ECTS	Course Language	Course Type
6	1	2	0	2	3	Turkish	Required
Admission Requirements :		Koşul Mevcut Değil					
Compulsory Attendance :		Theory	Practice	Lab			
		70 %	80 %	%			
Course Teacher(s) :		Prof. Dr. MESUT HASDEMİR Doç. Dr. TOLGA ÖZTÜRK					
Course Content :		General information about wood production techniques, production planning, operational opening of forests, primary and secondary transport techniques, used in production machinery, production cost analysis, stacking and storage techniques, modern production tools and techniques used in production.					
Course Learning Outcomes :		- Forest harvesting and transportation all about concepts and terms will dominate- Harvesting techniques knows - Harvesting plans to prepare- Business concept and technique of power knows.- Business-in to apply the techniques in the field- Production labor, will have information about ergonomics and safety at work- Primary and secondary transport and transportation by truck etc.-equipment of technical know- Used in the production machines in our country and the world recognizes- Knows the concept of mechanization- You can calculate the cost of production- Project presentation techniques allow- Prepare report					
Teaching and Learning Methods :		Education through the presentation, discussion, question-answer, project work					
Continuous Improvement in the Context of the courses (questionnaires, interviews, and so on.) Front Shown Measurement and Evaluation Tools and Objectives :		The survey is at the end of the year abroad, the international equivalent of courses taken, the students have a talk with the public and the private sector and information obtained by a call in basis, and the lesson with examples of current issues and international to be equivalent to the work is used.					
Contribution of Learning Outcomes on Program Competency :		The course enhances the ability to use theoretical and practical forest engineers, contribute to solving current and future problems, to impart the ability to select and use modern techniques and tools, office applications, occupational safety, employee health, and gives relevant information. The course, contributes moderate level with substance 1., 6., 9-12. highest level with substance 2-4., 7. contributes of learning outcomes					
Assessment System		Number		Contribution (%)			
Assignments		0		0			
Presentation		0		0			
Mid-term Examinations (including time for preparation)		1		80			
Project		1		20			
Clinical Practice		0		0			
Laboratory		0		0			
Field Work		0		0			
Other Applications		0		0			
Quiz		0		0			
Term Paper/ Project		0		0			
Portfolio Study		0		0			
Reports		0		0			
Learning Diary		0		0			

Thesis/ Project	0	0
Seminar	0	0
Other	0	0
Final Exam	0	0
Total	2	100
The Weight of the In-Term Assignments in the Final Grade	2	100
The Weight of the End of Term Exam in the Final Grade	0	0
Total	2	100

Continuous Improvement in the Context of the courses (questionnaires, interviews, and so on.) Front Shown Measurement and Evaluation Tools and Objectives :

The survey is at the end of the year abroad, the international equivalent of courses taken, the students have a talk with the public and the private sector and information obtained by a call in basis, and the lesson with examples of current issues and international to be equivalent to the work is used.

ECTS

Activities	Number	Time	Credit Workload
Class Hours	1	42	42
Working Hours out of Class	1	8	8
Assignments	0	0	0
Presentation	0	0	0
Mid-term Examinations (including time for preparation)	1	8	8
Project	1	10	10
Clinical Practice	0	0	0
Laboratory	0	0	0
Field Work	1	2	2
Other Applications	0	0	0
Final Examinations (including preparatory year)	1	8	8
Quiz	0	0	0
Term Paper/ Project	0	0	0
Portfolio Study	0	0	0
Reports	1	1	1
Learning Diary	0	0	0
Thesis/ Project	0	0	0
Seminar	0	0	0
Other	0	0	0
Total Workload			79
Total Workload / 25			3,16
ECTS Credit of Course			3

Weekly Course Contents

Week	Theoretical Topics
1	General information about the course the country's forestry production status and production quantities
2	Forests in the opening of business, concepts and techniques
3	Production plans, concepts and techniques
4	Cutting techniques, cutting process, production, labor, occupational safety and ergonomics
5	Concepts of primary and secondary transport, handling techniques, tools and equipment selection
6	Usage in production of machinery and mechanization
7	Usage in production of machinery and mechanization
8	Tractors, skidders and skylines
9	Tractors, skidders and skylines
10	The availability of modern means of production and presentation
11	Cost analysis of production
12	Depots and landing areas
13	Preparation of production files, the contents of production files

14	Production related to the work of visual monitoring of field work
Week	Practice Topics
1	Transport plan for the survey done
2	Determination of the rate of transport facilities on the existing business
3	Alternative transport techniques to determine
4	Field working
5	Creative of transport plans
6	Project control
7	Project control
8	Road density and rate of road opening operation analysis found the
9	Road density and rate of road opening operation analysis found the
10	Cost analysis
11	Project control
12	Economic analysis of the project is canceled
13	Project control
14	Project control

Relationship of Proficiency Program with Course Learning Outcomes

No	Program Competencies	Point
1	Adequate knowledge in mathematics, science and forest engineering subjects pertaining to the relevant discipline; ability to use theoretical and applied information in these areas to model and solve engineering problems.	0
2	Ability to identify, formulate, and solve complex problems in forest engineering; ability to select and apply proper analysis and modeling methods for this purpose.	0
3	Ability to design a complex system, process, device or product under realistic constraints and conditions, in such a way as to meet the desired result; ability to apply modern design methods for this purpose.	0
4	Ability to devise, select, and use modern techniques and tools needed for engineering practice; ability to employ information technologies effectively.	0
5	Ability to design and conduct experiments, gather data, analyze and interpret results for investigating engineering problems.	0
6	Ability to find knowledge and searching reference for this purpose, Ability to use databases and other references.	0
7	Ability to work efficiently in intra-disciplinary and multi-disciplinary teams; ability to work individually.	0
8	Ability to communicate effectively in Turkish, both orally and in writing; knowledge of a minimum of one foreign language.	0
9	Recognition of the need for lifelong learning; ability to access information, to follow developments in science and technology, and to continue to educate him/herself.	0
10	Awareness of professional and ethical responsibility.	0
11	Information about business life practices such as project management, risk management, and change management; awareness of entrepreneurship, innovation, and sustainable development.	0
12	Knowledge about contemporary issues and the global and societal effects of engineering practices on health, environment, and safety; awareness of the legal consequences of engineering solutions.	0
Contribution Level: 1 low, 5 high.		
Contribution of Learning Outcomes on Program Competency :	The course enhances the ability to use theoretical and practical forest engineers, contribute to solving current and future problems, to impart the ability to select and use modern techniques and tools, office applications, occupational safety, employee health, and gives relevant information. The course, contributes moderate level with substance 1., 6., 9-12. highest level with substance 2-4., 7. contributes of learning outcomes	

Last updated on : —