AYDIN ADNAN MENDERES UNIVERSITY
COURSE INFORMATION FORM

Course Title	Mycology								
Course Code	TL001		Couse Level	Short Cycle (Associate's Degree)					
ECTS Credit	3	Workload	75 *(Hours)*	Theory	2	Practice	0	Laboratory	0
Objectives of the Course	To give information about fungi cell structure, genetics, physiology, reproduction, and the properties of growth.								
Course Content	In this lesson students are taught fungal cell structure and characteristics, fungal classification and characteristics of each class, diagnostic methods for fungal infections and their applications, and interpretation of the results through examples.								
Work Placement	N/A								
Planned Learning Activities and Teaching Methods	Explanation (Presentation), Discussion								
Name of Lecturer(s)									

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

Recommended or Required Reading	
1	Sabri Sümer, General Mycology. Nobel academic publishing.
2	Dode Grigoriu, Jean Delacretaz, Medical Mycology.

Week	Weekly Detailed Course Contents	
1	Theoretical	Introduction to mycology and the definition of mycology
2	Theoretical	Classification of fungi
3	Theoretical	Classification of fungi
4	Theoretical	Yeasts
5	Theoretical	Molds
6	Theoretical	Dimorphic-Diphasic fungi
7	Theoretical	Fungal cell structure
8	Intermediate Exam	Mid-term exam
9	Theoretical	Fungal cell structure
10	Theoretical	Asexual reproduction
11	Theoretical	Sexual reproduction
12	Theoretical	The terms of hyphaei pseudohyphae and germ tube
13	Theoretical	Media and their properties
14	Theoretical	Fungal culture and interpretation
15	Theoretical	Final exam

Workload Calculation				
Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	14	1	2	42
Assignment	14	1	1	28
Midterm Examination	1	1	1	2
Final Examination	1	1	2	3
			Total Workload (Hours)	75
			[Total Workload (Hours) / 25*] = **ECTS**	3
**25 hour workload is accepted as 1 ECTS*				

Learning Outcomes	
1	1. Describes general characteristics of fungi .

2	Knows the fungi that cause disease in humans.
3	Knows the types of fungal diseases in humans.
4	Knows the contamination of fungal diseases and protection.
5	Knows sampling and examination methods in fungal diseases.

Programme Outcomes *(Physiotherapy)*	
1	To be able to recall the information of research methods and statistics so as to follow the developments, monitor and interpret scientific literature
2	To have the appropriate knowledge of basic sciences at the level of interest, to use specific medical terms and terminology of physical therapy
3	To be able to recall knowledge of the general structure and proporties of musculoskeletal system and the joints and to evaluate the story of musculoskeletal diseases.
4	To be able to comprehend the methods of measurement of the range of motion of joints and to measure it.
5	To be able implement a general evaluation of posture analysis and gait analysis.
6	To be able to recall the knowledge about general characteristics of musculoskeletal diseases, osteoporosis, osteoarthritis, rheumatoid arthritis, ankylosing spondylitis, especially rheumatic diseases, mechanical low back and neck pain, disc herniation, soft tissue disorders and to apply appropriate physiotherapy.
7	To be able to recall the knowledge and gain skills about the devices and the agents of heater used in physical therapy, indications and contraindications of using, and the necessary information about how to apply on patients.
8	To be able to recall the knowledge of the electromagnetic field.
9	To be able to recall what Elektroakapunktur, Laser, Biofeedback, cervical and lumbar traction systems, pneumatic compression therapy are, and how to apply them, which one is applicable to patients.
10	To be able to recall what manipulation-mobilization is and which patients are suitable for this application.
11	To be able to recall what massage and hydrotherapy treatments are and which patients are suitable for these applications.
12	To be able to gain the professional and ethical awareness, apply gained knowledge and skills in reallife situations and transfer gained knowlegde to individuals around her/his environment, and improve behavior of life-long learning.
13	To gain knowledge about methods of diagnosis, protection and treatment of diseases
14	To be able to recall the knowledge and gain skills about physical therapy and rehabilitation methods to be applied to neurological disorders.
15	To be able to recall the knowledge and gain skills about physical therapy and rehabilitation methods to be applied to cardiopulmonary disorders.
16	To be able to recall the knowledge and gain skills about physical therapy and rehabilitation methods to be applied to pediatric patients.
17	To be able to gain knowledge about the effects of fitness and exercise on metabolism and responses of body systems to them.
18	To have knowledge about rehabilitation services
19	To become individuals who can do interdisciplinary team work, with a sense of social responsibility and entrepreneur.
20	To be able to recall the knowledge about Ataturk's Principles and the History of Turkish Revolution.
21	To be able to gain the knowledge and ability to become contemporary individuals who can use Turkish language grammar well and know a foreign language knowledge necessasary to follow the developments in the profession.

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	3	3	3	3	3
P2	4	4	4	4	4
P3	3	3	3	3	3
P4	1	1	1	1	1
P5	1	1	1	1	1
P6	3	2	2	2	2
P7	1	1	1	1	1
P8	1	1	1	1	1
P9	1	1	1	1	1
P10	1	1	1	1	1
P11	1	1	1	1	1
P12	3	3	3	3	3
P13	2	2	2	2	2
P14	1	1	1	1	1
P15	2	2	2	2	2
P16	1	1	1	1	1

P17	1	1	1	1	1
P18	2	2	2	2	2
P19	3	3	3	3	3
P20	4	4	4	4	4
P21	5	5	5	5	5