|                                     |  | ECTS COURSE DES<br>PART I (Senat   |                       | ORM  |               |                   |          |     |     |     |  |  |  |
|-------------------------------------|--|--|-----------------------|--|---------------|-------------------|----------|-----|-----|-----|--|--|--|
|                                     |  |  | te ripprovar)         | Offering                                       |               |                   |          |     |     |     |  |  |  |
| Offering School                     | Antalya Bili   | im University  | <del></del>           | Department Physical Therapy and Rehabilitation |               |                   |          |     |     |     |  |  |  |
|                                     | Physical The   | erapy and Rehabilitation   |                       |  |               |                   |          |     |     |     |  |  |  |
| Program(s) Offered to               |  |  |                       |  |               |                   |          |     |     |     |  |  |  |
| G 17                                | Physiology I (Compulsory)                                    |  |                       |  | G G I FED 117 |                   |          |     |     |     |  |  |  |
| Course Name                         |  |  |                       | Course Code FTR 117 Theoric, Practical         |               |                   |          |     |     |     |  |  |  |
| Level of Course                     | Undergraduate  |  |                       |  |               |                   |          |     |     |     |  |  |  |
| Language of Instruction             | Turkish  | T.   | la i i                | ECTS Cı  | redits        | 4                 |          |     |     |     |  |  |  |
| Hours per Week                      | Lecture: 1 Practical:  Laboratory: Recitation:               |  |                       |  |               | Studio:<br>Other: |          |     |     |     |  |  |  |
|                                     | Laboratory.  |  |                       |  |               |                   |          |     |     |     |  |  |  |
| Pre-requisites                      | None   |  | Co-requisites None    |  |               |                   |          |     |     |     |  |  |  |
| Registration Restriction            | None   |  |                       | Grading Mode Letter Grade                      |               |                   |          |     |     |     |  |  |  |
| Educational Objective               |  | ojective of the course is to ensure that students getting basic k<br>his information in order to master in literature and preparing<br>nning.  | -                     |  |               |                   |          |     |     |     |  |  |  |
| Course Description                  | Defining cel   | ll physiology, central nervous system physiology, muscle phy   | vsiology, circulatory | physiology                                     |               |                   |          |     |     |     |  |  |  |
|                                     | LO1  | To have basic knowledge of cell physiology.  |                       |  |               |                   |          |     |     |     |  |  |  |
|                                     |  | LO2 To have basic knowledge of central nervous system physiology.  LO3 To have basic knowledge of myode a hysiology.   |                       |  |               |                   |          |     |     |     |  |  |  |
| Looming Outcomes                    | LO3<br>LO4   |  |                       |  |               |                   |          |     |     |     |  |  |  |
| Learning Outcomes                   | LO5  | To have basic knowledge of circulation physiology.   |                       |  |               |                   |          |     |     |     |  |  |  |
|                                     | LO6  |  |                       |  |               |                   |          |     |     |     |  |  |  |
|                                     | LO7  |  |                       |  |               |                   |          |     |     |     |  |  |  |
|                                     |  | PART II (Faculty 1   | Board Approval        | )  |               |                   |          |     |     |     |  |  |  |
|                                     |  | Program Outcomes   |                       | LO1  | LO2           | LO3               | LO4      | LO5 | LO6 | LO7 |  |  |  |
| Basic Outcomes<br>(University-wide) | PO1  | Ability to communicate effectively and write and present a re<br>English.  | port in Turkish and   |  |               |                   |          |     |     |     |  |  |  |
|                                     | PO2  | Ability to work individually, and in intra-disciplinary and mu teams.  | <b>√</b>              | <b>√</b>                                       | <b>√</b>      | <b>√</b>          |          |     |     |     |  |  |  |
|                                     | PO3  | Recognition of the need for life-long learning and ability to accommodate the second s |                       |  |               |                   |          |     |     |     |  |  |  |
|                                     | 103  | follow developments in science and technology, and continuall<br>Knowledge of project management, risk management, innova  | ✓                     | ✓  | <b>√</b>      | ✓                 |          |     |     |     |  |  |  |
|                                     | PO4<br>PO5   | management, entrepreneurship, and sustainable development.   |                       |  |               |                   |          |     |     |     |  |  |  |
|                                     | Awareness of sectors and ability to prepare a business plan. |  |                       |  |               |                   |          |     |     |     |  |  |  |
|                                     | PO6  | Understanding of professional and ethical responsibility and d<br>behavior.  | ✓                     | ✓  | ✓             | ✓                 |          |     |     |     |  |  |  |
|                                     | PO7  | Having universal thoughts and values   | ✓                     | ✓  | ✓             | ✓                 |          |     |     |     |  |  |  |
| Faculty Specific Outcomes           | PO8  | To be committed to academic and ethical values   |                       |  |               |                   |          |     |     |     |  |  |  |
|                                     | PO9  | To provide qualified education, research and consultancy servinformation and technology standards  | ✓                     | ✓  | ✓             | ✓                 |          |     |     |     |  |  |  |
|                                     | PO10   | To be open to new goals, strategies and action plans that will t<br>and graduate education / training programs and scientific study  | ✓                     | ✓  | <b>✓</b>      | ✓                 |          |     |     |     |  |  |  |
|                                     | PO11   | To support, maintain and increase interdisciplinary / multidis the services provided.  | ✓                     | ✓  | <b>✓</b>      | ✓                 |          |     |     |     |  |  |  |
|                                     | PO12   | To contribute and develop health policies for the benefit  | of the country.       | ✓  | ✓             | ✓                 | ✓        |     |     |     |  |  |  |
|                                     | PO13   | Explains the theoretical knowledge about basic medicine and the main lines and relates them to physiotherapy.  | ✓                     | ✓  | ✓             | ✓                 |          |     |     |     |  |  |  |
|                                     | PO14   | Applies Physiotherapy and Rehabilitation assessment method:<br>interprets theoretical knowledge by associating   | ✓                     | ✓  | <b>✓</b>      | ✓                 |          |     |     |     |  |  |  |
|                                     | PO15   | Plans and implements the individual physiotherapy and rehab  | ✓                     | <b>√</b>                                       | ✓             | ✓                 |          |     |     |     |  |  |  |
|                                     |  |  |                       |  |               |                   |          |     |     |     |  |  |  |
| Program Specific                    |  |  |                       |  | <b>√</b>      | <b>√</b>          | <b>√</b> |     |     |     |  |  |  |
| Outcomes                            | PO18   | Has effective communication skills   |                       |  |               |                   |          |     |     |     |  |  |  |
|                                     | PO19   | Defines professional duties and responsibilities legally and app<br>framework of ethical principles.   |                       |  |               |                   |          |     |     |     |  |  |  |
|                                     | PO20   | Has lifelong learning skills related to the profession   | ✓                     | ✓  | ✓             | ✓                 |          |     |     |     |  |  |  |
|                                     | PO21   | Can use foreign language effectively to follow professional dev  |                       |  |               |                   |          |     |     |     |  |  |  |
|                                     | PO22   | Knows and applies quality, occupational health and safety issurprofession  |                       |  |               |                   |          |     |     |     |  |  |  |

|   |   |  | PART   | III (Departmen         | nt Board App | oroval)                     |   |                |                |                                     |                                     |       |  |
|---|---|--|--|------------------------|--------------|-----------------------------|---|----------------|----------------|-------------------------------------|-------------------------------------|-------|--|
|   | Subject   | Week   |  | ails of Course Cont    |              | LO1                         | LO2   | LO3            | LO4            | LO5                                 | LO6                                 | LO7   |  |
| Course Contents, Contribution of Course Contents to Learning                    | S1  | 1  |  |                        | A1/A4        | A1/A4                       | A1/A4   | A1/A4          |                |                                     |                                     |       |  |
|   | S2  | 2  | Cell physiology  |                        |              | A1/A4                       | A1/A4   | A1/A4          | A1/A4          |                                     |                                     |       |  |
|   | S3  | 3  |  | Muscle physiology      |              | A1/A4                       | A1/A4   | A1/A4          | A1/A4          |                                     |                                     |       |  |
|   | S4  | 4  |  | Muscle physiology      |              | A1/A4                       | A1/A4   | A1/A4          | A1/A4          |                                     |                                     |       |  |
|   | S5  | 5  |  | Muscle physiology      |              | A1/A4                       | A1/A4   | A1/A4          | A1/A4          |                                     |                                     |       |  |
|   | S6  | 6  | Peripheral nervous system physiology                                 |                        |              | A1/A4                       | A1/A4   | A1/A4          | A1/A4          |                                     |                                     |       |  |
| Outcomes, and Methods   | S7  | 7<br>8   | Peripheral nervous system physiology                                 |                        |              | A1/A4                       | A1/A4   | A1/A4          | A1/A4          |                                     |                                     |       |  |
| for Assessing Learning of<br>Course Contents                                    | S8<br>S9  | 9  | Midterm Exam Week Central nervous system physiology                  |                        |              | A1/A4<br>A1/A4              | A1/A4<br>A1/A4  | A1/A4<br>A1/A4 | A1/A4<br>A1/A4 |                                     |                                     |       |  |
|   | S10   | 10   | Central nervous system physiology  Central nervous system physiology |                        |              | A1/A4                       | A1/A4   | A1/A4          | A1/A4          |                                     |                                     |       |  |
|   | S11   | 11   | Central nervous system physiology  Central nervous system physiology |                        |              | A1/A4                       | A1/A4   | A1/A4          | A1/A4          |                                     |                                     |       |  |
|   | S12   | 12   |  | ology                  | A1/A4        | A1/A4                       | A1/A4   | A1/A4          |                |                                     |                                     |       |  |
|   | S13   | 13   |  |                        | A1/A4        | A1/A4                       | A1/A4   | A1/A4          |                |                                     |                                     |       |  |
|   | S14   | 14   | Circulatory system physiology Circulatory system physiology          |                        |              | A1/A4                       | A1/A4   | A1/A4          | A1/A4          |                                     |                                     |       |  |
|   | No  |  | Type   |                        | Weight       | Im                          | plementatio   | n Rule         |                | Make-U                              | p Rule                              |       |  |
|   | A1  | Exam-Final Jury,Final Project  |  |                        | 60%          |                             | One final exam is applied. Exam dates are announced by the faculty.   |                |                |                                     | J's relevant regulation is applied. |       |  |
|   | A2  | Quiz   |  |                        |              |                             |   |                |                |                                     |                                     |       |  |
| Assessment Methods,   | A3  | Homework   |  |                        |              |                             | 1   |                |                |                                     |                                     |       |  |
| Assessment Methods, Weights in Grading Scheme, Implementation and Make-Up Rules | A4  | Midterm  |  |                        |              |                             | 1 midterm exam (visa) is applied. Exam dates are announced by the faculty   |                |                | U's relevant regulation is applied. |                                     |       |  |
|   | A5  | Project  |  |                        |              |                             |   |                |                |                                     |                                     |       |  |
|   | A6  | Presentation   |  |                        |              |                             |   |                |                |                                     |                                     |       |  |
|   | A7  | Attendence/Interac   |  |                        |              |                             |   |                |                |                                     |                                     |       |  |
|   | A8  | Class/Lab./  |  |                        |              |                             |   |                |                |                                     |                                     |       |  |
|   | A9  | Others   |  |                        |              |                             |   |                |                |                                     |                                     |       |  |
|   |   | 7  |  |                        |              |                             |   |                |                |                                     |                                     |       |  |
| Evidence of Achievement<br>of Learning Outcomes                                 | required to co  | puestion from each subj<br>ollect a minimum score<br>Direct Conversion Sys     | over 100, which is an  | nounced by the instruc |              | urse. This sco              |   | d based on o   | lass average   |                                     | hod. Student                        | s are |  |
|   | A different method/system, not listed above, determined by the Faculty Member / Instructor (This method is explained below) |  |  |                        |              |                             |   |                |                |                                     |                                     |       |  |
|   |   | Başarı Notu Aralığı Harfli başarı Notu Başarı Katsayısı Başarı Değerlendirmesi |  |                        |              |                             |   |                |                |                                     |                                     |       |  |
| Method for Determining<br>Letter Grade  |   |  |  | A+                     | 4,00         | 1                           | Başarılı  |                |                |                                     |                                     |       |  |
|   |   |  | 95-100<br>85-94  | A<br>A-                | 4,00<br>3,70 | 1                           | Başarılı<br>Başarılı<br>Başarılı  |                |                |                                     |                                     |       |  |
|   |   |  | 80-84<br>75-79   | B+<br>B                | 3,30         |                             | Başarılı  |                |                |                                     |                                     |       |  |
|   | 50-64<br>55-59<br>50-54<br>43-49  |  | 65-74<br>60-64   | B-<br>C+               | 2,70<br>2,30 |                             | Başarılı<br>Başarılı<br>Başarılı<br>Geçer<br>Başarınız  |                |                |                                     |                                     |       |  |
|   |   |  |  | C 2,00<br>C- 1,70      |              |                             |   |                |                |                                     |                                     |       |  |
|   |   |  | D+   | 1,30                   | 1            |                             |   |                |                |                                     |                                     |       |  |
|   |   |  | 40-44<br>0-39  | D<br>F                 | 1,00         | 1 -                         | Başarısız<br>Başarısız  |                |                |                                     |                                     |       |  |
|   | No  |  |  | Method                 |              |                             | Explanation   |                |                | Total Hours                         |                                     |       |  |
| Teaching Methods,<br>Student Work Load  | 110   | Time expected to be allocated by instructor                                    |  |                        |              |                             |   |                |                |                                     |                                     |       |  |
|   | 1   | Lecture Lecture  |  |                        |              | Lesson<br>on the<br>present | Lesson topics are explained by writing on the board or with a computer presentation. Sample questions are solved during the lesson. |                |                |                                     | 14                                  |       |  |
|   | 2   | Interactive I actum  | <u> </u>   |                        | Sorved       | sorred during the tesson.   |   |                |                |                                     |                                     |       |  |
|   | 3   | Interactive Lecture Recitation   |  |                        |              |                             |   |                |                |                                     |                                     |       |  |
|   | 4   | Laboratory   |  |                        |              |                             |   |                |                |                                     |                                     |       |  |
|   | 5   | Practical  |  |                        |              |                             | The application, using various documents, models and presentations, includes lectures.  |                |                |                                     | 14                                  |       |  |
|   | 6   | Field Work   |  |                        |              |                             |   |                |                |                                     |                                     |       |  |
|   | Time expected to be allocated by student  |  |  |                        |              |                             |   |                |                |                                     |                                     |       |  |
|   | 7 Project   |  |  |                        |              |                             |   |                |                |                                     |                                     |       |  |
|   | 8   | Homework   |  | +                      |              |                             |   |                |                |                                     |                                     |       |  |
|   | 9   | Pre-class Learning of Course Material  |  |                        |              |                             | New topics are learned before being taught in the classroom.  |                |                |                                     | 42                                  |       |  |
|   | 10  | Review of Course Material  |  |                        |              |                             | Topics are repeated to prepare for exams and assignments.   |                |                |                                     | 42                                  |       |  |
|   | 11  | Studio   |  |                        |              |                             |   |                |                |                                     |                                     |       |  |
|   | 12  | Office Hour  | S Credit(s) Max. 4   |                        |              |                             | One-on-one meeting with the faculty member  |                |                |                                     |                                     |       |  |
|   |   | Calculated ECTS C  | M  | in. 3                  | Gran         | d Total                     | 1   | 112            |                |                                     |                                     |       |  |

|                  | IV. PA                     | ART  |  |  |  |  |  |
|------------------|----------------------------|--|--|--|--|--|--|
| Instructor       | Name Surname               |  |  |  |  |  |  |
|                  | E-mail                     |  |  |  |  |  |  |
|                  | Phone Number               |  |  |  |  |  |  |
|                  | Office Number              |  |  |  |  |  |  |
|                  | Office Hours               |  |  |  |  |  |  |
|                  | Mandatory                  |  |  |  |  |  |  |
| Course Materials | Recommended                | Guyton, Hall. Tıbbi Fizyoloji Nobel Tıp Kitabevi 12. Baskı 2013  |  |  |  |  |  |
|                  |                            | Ganong. Review of Medical Physiology 2014  |  |  |  |  |  |
|                  |                            | Lamia Pınar, Sinir ve Kas Fizyolojisi Temelleri (Ankara: Akademisyen Kitabevi,2016)  |  |  |  |  |  |
| Other            | Scholastic Honesty         | Violations of scholastic honesty include, but are not limited to cheating, plagiarizing, fabric information or citations, facilitating acts of dishonesty by others, having unauthorized posse of examinations, submitting work of another person or work previously used without inform the instructor, or tampering with the academic work of other students. Any for of scholastic dishonesty is a serious academic violation and will result in a disciplinary action. It is explanaticle 25 of the Directive on Associate and Undergraduate Programs of Antalya Bilim University. |  |  |  |  |  |
|                  | Students with Disabilities | Reasonable accommodations will be made for students with verifiable disabilities.  |  |  |  |  |  |
|                  | Safety Issues              | The course does not require any special security measures.   |  |  |  |  |  |
|                  | Flexibility                | Circumstances may arise during the course that prevents the instructor from fulfilling each and every component of this syllabus; therefore, the syllabus is subject to change. Students will be notified prior to any changes.  |  |  |  |  |  |

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