

Faculty of Applied Medical  
Sciences



Department of Health Rehabilitation  
Sciences

DEPARTMENT MANUAL

2023



## PREFACE



The Department of Health Rehabilitation Sciences is one of the paramedical courses offered in the Faculty of Applied Medical Sciences under the deanship of Dr. Hamad Salem Al Amer. The Bachelor of Science in Physical Therapy (PT) is a four-year degree program plus 1 year of internship that equip students with knowledge and skills in physical therapy used in the detection, diagnosis, prevention, and treatment of diseases. The program prepares the students

in the following areas namely: Therapeutic Modalities, Biomechanics, Orthopedics, Cardiorespiratory, Burn and Wounds, Neurology and Pediatrics.

The department will develop the academic and technical skills of PT students, preparing them from an academic environment to professional training. The academic emphasis will be on a skill set required for future success in the field of Physical Therapy. Moreover, the students will also be encouraged to simultaneously develop a strong, independent scientific framework and a value-stricken attitude to be successful in their future professions.

Opportunities are endless for future Physical Therapy professionals. They will not only engage in physical therapy work but they can enter careers in hospitals, clinics, physician offices. It also opens opportunity as product specialist in response to the ever-increasing significance in the appraisal of proven procedures and in the use of new, increasingly advanced instruments.

## MESSAGE FROM THE DEPARTMENT HEAD

I encourage you to browse this manual, where you will find detailed information about our Physical Therapy program, the curriculum, our faculty members and the broad range of activities underway in the department.

In keeping with the vision and mission, the department provides a unique academic setting where up- to- date curriculum, values, service, and the pursuit of professional excellence are recognized and practiced. Our dedicated faculty members provide excellent way to give students the best atmosphere for learning, detailed consultation and counselling with students on everything from course work, practical session to career choices.

I hope that you will explore our pro- gram and the research interests of the faculty. We are always interested in new opportunities for



collaboration. If you have questions or would like to explore a specific interest, please feel free to contact us.

**Dr. Ahmed Abdullah Alharbi**

[aaalharbi@ut.edu.sa](mailto:aaalharbi@ut.edu.sa)

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## VISION

Excellence in education, research and service of community in the field of Physical Therapy nationally and internationally.

## MISSION

To graduate qualified Physical Therapy practitioners with knowledge, skills and efficiency in a distinct educational and research environment to meet health needs of the community.

## DEPARTMENT OF HEALTH REHABILITATION SCIENCES

The Faculty of Applied Medical Sciences was established as a Unit of the University of Tabuk during the Academic Year 1427- 1428H. The Department of Physical Therapy was established in 1435-1436 H (August 2014) under the umbrella of the College of Applied Medical Sciences. It offers the Bachelor's degree

in Physical Therapy, which is the only governmental program of its kind in the Tabuk region.

The Bachelor of Science in Physical Therapy is a Five-Year program consisting of 4-year preparatory subjects and professional courses, and 1-year internship program. The clinical practice in hospitals starts in the third and fourth years in the accredited hospitals with duties in the Musculoskeletal, Neurological, Pediatrics, Cardiopulmonary, Women's Health, Burn, and Wounds areas. The 1-year internship program is geared towards specialized training in the different accredited hospitals in the Kingdom and nearby countries.



## GOALS

The Physical Therapy Program is designed to achieve the following goals:

- To educate physical therapy students with the fundamental knowledge and skills, in order to practice the physical therapy profession at the highest level of quality in a healthcare institution.
- To provide updated high-quality education programs and establish continuous training sessions for students, physical therapy practitioners, and faculty members.
- To conduct and support physical therapy scientific research, in order to enhance the health care services provided to the community and to develop advanced research laboratories.
- To strengthen the relationship with the service sectors and community institutions to link the educational process with the community's health needs and services.



## OBJECTIVES

The program in Physical Therapy aims to:

- To educate physical therapy students with the fundamental knowledge and skills, in order to practice the physical therapy profession at the highest level of quality in a health care institution.
- To provide updated high-quality education programs and establish continuous training sessions for the faculty members, physical therapy practitioners and students.
- To conduct and support physical therapy scientific research, in order to enhance the health care services provided to the community and to develop advanced research laboratories.
- To strengthen the relationship with the service sectors and community institutions to link the educational process with the community's health needs and services.



- To develop alternative sources of the income for the department.

**PT GRADUATE ATTRIBUTES**  
**INTELLECTUAL-CONCEPTUAL, INTEGRATIVE,**  
**COMMUNICATION AND RESEARCH ABILITIES**

**1) KNOWLEDGE AND TECHNICAL SKILLS**

- 1.1- Integrate scientific knowledge and practice of basic, clinical, social and behavioural sciences in physical therapy practice.
- 1.2- Design and apply a comprehensive physical therapy program based on patient's history, and clinical findings.

**2) CRITICAL THINKING**

Apply clinical reasoning, problem solving, innovative thinking, and scientific research skills for finding appropriate realistic achievable therapeutic goals, guidelines & therapeutic solutions for different health problems.

**3) COMMUNITY PARTICIPATION**

Display social responsibility through participation in community activities aiming for promotion of health, preventing diseases, and solving national health problems.

**4) COMMUNICATION AND SOCIAL SKILLS**

Communicate effectively with members of the health care team and community.

**5) PROFESSIONALISM**

Adopt and employ physical therapy professional values, ethics, attitudes and standards.

**6) RESEARCH**

Critically analyse, appraise and interpret researches in the field of physical therapy and rehabilitation to develop up to date knowledge and clinical skills and build a foundation for evidence-based practice.





## PROGRAM LEARNING OUTCOMES

At the end of the program the graduates are expected to:

### KNOWLEDGE AND UNDERSTANDING

- Identify the basic and scientific knowledge within the scope of physical therapy.
- Explain concepts and principles relevant to physical therapy practice.
- Recognize the roles of related disciplines that foster physical therapy practice.

### SKILLS

- Utilize different problem-solving methods, including cognitive skills related to physical therapy.
- Display scientific and critical thinking as well as research skills in physical therapy.
- Apply evidence-based practice in the management of clients encountered by physical therapists.
- Implement safe, efficient, effective, culturally sensitive, and client-centered physical therapy management.
- Display effective skills in leadership, information technology, communication, and entrepreneurship related to physical therapy practice.

### VALUES

- Demonstrate core values and ethical attitudes towards individuals, clients, and professionals.
- Display autonomy, professional self-development, and responsibility in a multi-disciplinary team through service of a health care facility and community.

## CORE VALUES

The department in an effort to make a positive difference is committed to inculcate the following values:

- **QUALITY**

We commit to always strive to adhere to high standards of excellence and seek continuing improvement in all endeavors to help the department fulfill its vision and mission in ways that surpass expectations.

- **INNOVATION**

We commit to turn ideas to reality and consider challenges along the way as opportunities, we take the risks, are willing to fail, persevere to the end, remain positive and maintain our sense of curiosity.

- **DEDICATION**

We commit to use knowledge skills and attitude in performing our duties. We are responsive to serve others, passionate in our advocacy, ethical in our approach, and accountable in our actions.

- **COLLABORATION AND COOPERATION**

We commit to sustain the spirit of partnership and teamwork by honoring different opinions and perspectives. We cultivate a team- focused academic environment which empowers all to look for ingenious approaches to common issues.

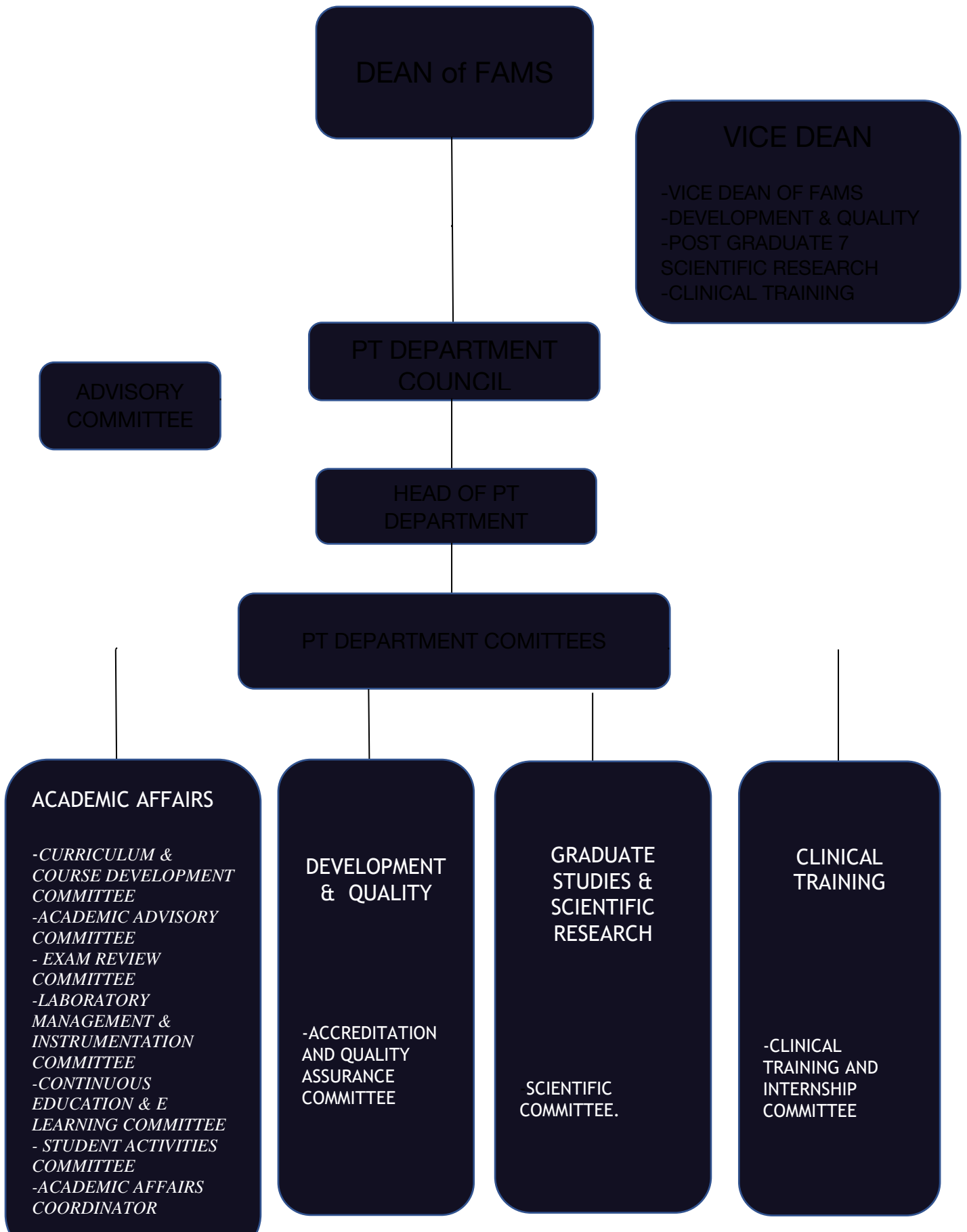
- **TRANSPARENCY**

We commit to a culture of honesty and open communication to provide a framework that promotes confidence in all aspects of work.

- **RESPECT AND CARING**

We commit to be compassionate brought about by respect of others as individuals with infinite worth and dignity. We demonstrate concern with sincerity and truthfulness.

# ORGANIZATIONAL CHART OF PT DEPARTMENT



# ACADEMIC STAFF

## LIST OF PT STAFF – MALE SECTION AY 2022-2023

N O	Faculty/ Teaching Staff Names	Nationality	Academic Rank	General Specialt y	Specific Specialty	Institution Graduated From	Degree	List Courses Taught This Academic Year
1	Hamad Salem Al Amer	Saudi	Associate Prof	PT	Orthopedic PT	Texas Woman's Uni, Houston campus, USA	Ph.D	Leadership & Management in PT
2	Ahmed Abdullah Alharbi	Saudi	Assistant Prof	PT	Neurology PT	Loma Linda Univ, USA	Ph.D	Neuroscience, Neuromuscular PT I, Neuromuscular PT
3	Abdulaziz Aoudah Salman Albalawi	Saudi	Assistant Prof	PT	Neurology PT	Loma Linda Univ, USA	Ph.D	Research Methods in Physical Therapy & Research Project Rehabilitation Psychology
4	Salem Fareej Salama Alatawi	Saudi	Associate Prof	PT	Neurology PT	Cardiff university	Ph.D	Principles of Emergency Care Research Methods in PT & Research Project
5	Yousef Moshabab M. Alshehre	Saudi	Assistant Prof	PT	Orthopedic PT	Texas Woman's University, Dallas, Texas, USA	Ph.D	Musculoskeletal PT III, Musculoskeletal PT II, Clinical Practice II, Research Methods in PT & Research Project, Musculoskeletal PT I, Traumatology & Orthopedics, Biostatistics
6	Hani Fahd Atiq Albalawi	Saudi	Assistant Prof	PT	Chronic conditions	University of Glasgow	Ph.D	Physiology of Exercise Growth & Development Introduction to PT
7	Mohamed Taher Mahmoud Eldesoki	Egyptian	Associate Prof	PT	PT for Basic Sciences	Cairo Uni	Ph.D	Medical Terminology Fundamentals of PT assessment Therapeutic exercise
8	Shahul Hameed Mohamed	Indian	Associate Prof	PT	Orthopedic PT	Ramakrishna Mission Vivekananda University, India.	Ph.D	Musculoskeletal PT I Kinesiology Research Methods in PT & Research Project Evidence-Based PT Practice Selected Topics in RehabilitationII Clinical Practice I Clinical Practice IV
9	Ahmed Abdelmomen Mohamed Alshahawi	Egyptian	Assistant Prof	PT	Cardio-pulmonary PT	Sheffield Univ	Ph.D	Cardiopulmonary PT Principles of Emergency Care Pharmacology for PT Pediatric PT
10	Atef Ibrahim Mohamed Shabana	Egyptian	Assistant Prof	Medicine	Anatomy	Univ of Ain Shams	Ph.D	Human Anatomy Human Physiology Principles of Emergency Care Pathophysiology Neuroscience
11	Ahmed Abdallah Ahmed Alharazi	Saudi	Lecturer	PT	Orthopedic PT	Master of Science, United State.	Ph.D	Introduction to PT Physical Therapy Modalities Clinical Practice III Selected Topics in Rehabilitation
13	Amar Abdulrahman Albaradi	Saudi	Demonstrator	PT	Biomechanics PT		MS.C	Clinical Practice I
14	Wessam Ahmed Ghaban	Saudi	Demonstrator	PT	Cardiopulmonary PT	University of Sydney	MS.C	
15	Omar Turki Nahas	Saudi	Demonstrator	PT	Pediatrics PT	University of Liverpool	MS.C	Clinical Practice I Clinical Practice IV
16	Fawaz Alrasheedi	Saudi		PT	Biomechanics	University of Cardiff	Ph.D	Biomechanics Kinesiology Psychology





## LIST OF PT STAFF – FEMALE SECTION AY 2022-2023

No	Faculty/ Teaching Staff Names	Nationality	Academic Rank	General Specialty	Specific Specialty	Institution Graduated From	De gre e	List Courses Taught This Academic Year
1	Mayson Nemr Saleh	Jordanian	Associate Prof	PT	Pediatrics PT	McGill University, Canada	Ph.D.	Neuromuscular PT I Clinical Practice IV Pediatric PT Research Methods in PT Research Project
2	Samia Atiah S. Alamrani	Saudi	Assistant Prof	PT	Musculoskeletal Physical Therapy	University of Birmingham	Ph.D.	Musculoskeletal PT III Clinical Practice I Professional practice
3	Maysa Awdah Aljuhani	Saudi	Assistant Prof	PT	Biomechanics	Dundee university	Ph.D.	Biomechanics Kinesiology Clinical Practice II Physical Therapy II
4	Samah Saad Al Moogy Zahran	Egypt	Associate Prof	PT	Chronic conditions	Faculty of Physical Therapy, Cairo University, Egypt	Ph.D.	Evidence based Practice Professional Practice in Physical Therapy
5	Aziza Radi Alrowili	Saudi	Demonstrator	PT	Cardio-pulmonary PT	Salford University	MS.c	Fundamentals of PT assessment Therapeutic exercise Biostatistics Clinical Practice IV
6	Amal Ahmed Alali	Saudi	Demonstrator	PT	Women's Health PT	King Abdulaziz University	MS.c	Musculoskeletal PT II Selected Topics in Rehabilitation II Introduction to PT Clinical Practice IV
7	Enas Abutaleb	Egypt	Associate Prof	PT	PT for Basic Sciences	Cairo Uni	Ph.D.	PT Modalities Clinical Practice III Manual Therapy Neuroscience



# ACADEMIC COMMITTEES

## RATIONALE

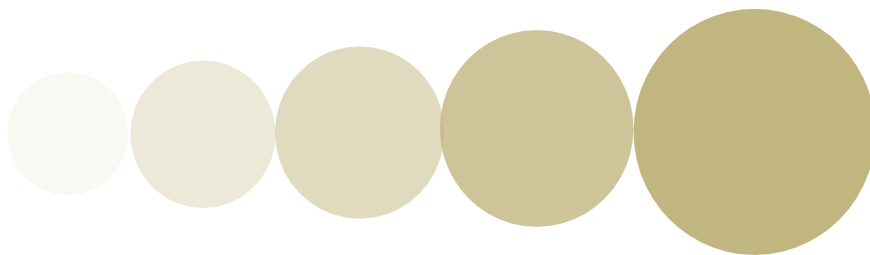
The Academic Committees of the Department is conceptualized in response to one of its goals, which is to provide a high-quality academic environment in the field of Physical Therapy. The Department is committed to its goals and objectives of providing an academic setting that would prepare the students to promote competence and excellence in the exercise of their profession.

The Committee serves as a means for empowering the Physical Therapy administrators and faculty members, thus helping them exercise their various functions and responsibilities competently and effectively efficiently towards the progress of the department.

## OBJECTIVES

To meet the expected outcomes of the academic committee, the following objectives are as follows:

- To empower the administrators of their duties in running the department effectively and efficiently;
- To involve the faculty members and other academic staff in promoting excellence in teaching, learning, research and community outreach;
- To involve students in all the academic and extra-curricular activities of the department, thus giving them a fortified experience to become responsible professionals; and
- To create a dynamic academic environment that meets the standards of education comparable to other international institutions.



## CURRICULUM AND COURSE DEVELOPMENT COMMITTEE

### DUTIES

- Prepare department course plans according to the manual for preparing course plans provided by the curriculum and course unit at the University of Tabuk.
- Evaluate curricula and teaching methods in terms of:
  - Study programs
  - Teaching procedures
  - Class room management
  - Academic performance of students
  - Teaching efficiency
  - Compliance of curriculum with accreditation and quality standards
- Follow-up the performance of the task in the strategic plan which includes continual updating and enriching the curricula and syllabi of each course to be at par with other international institutions.

## ACADEMIC ADVISORY COMMITTEE

### DUTIES

- Review and study student's academic record; including courses studied, study plan, and other data.
- Assist student in selection of courses included in his\her academic program according to regulations.
- Continual follow-up of student and seeking solutions to problem emerging during his\her study.
- Raise reports and recommendations regarding students with low cumulative averages to the head of the department.
- Follow-up and assist students under observation.
- Prepare a complete report on each student containing all data of the student, including courses studied and marks obtained, and match them with incoming data from the deanship of admission and registration on each

student's situation especially for courses for which the advisor had agreed to register for the student in case he\she has registered unapproved courses.

- Determine courses required for the upcoming semester according to students' needs and based on their situation, and inform the head of department of them.
- Perform other tasks given to the committee.
- The committee meets periodically, once monthly to discuss new reports, or to report exceptional requests submitted by academic advisors.

## ACADEMIC AFFAIRS COORDINATOR

### DUTIES

- Follow up the implementation of academic movements in the university system raised by the academic advisors and after the approval of the authority holder.
- Supervising the implementation of the executive regulations and rules for the studies and examinations of the university.
- Supervising the preparation of deprivation and graduate lists.
- Supervising requests for students' postponement and apology from studying, as well as deletion and addition processes in accordance with university regulations.
- Follow up on the course equivalency process.
- Supervising the preparation of study schedules for students in the department.
- Supervising the preparation of the academic guidance program for department students and developing its implementation plan with the department's academic advising committee.
- Preparing, implementing and planning the remedial program for struggling students in the department in cooperation with the department and department's academic advising committee.

## EXAMS REVIEW COMMITTEE

### DUTIES

- Preparing mid-term and final exam schedules and adhering to their regulations.
- Supervising all tests in terms of submitting or receiving questions and answers.
- Daily tours of the testing halls and checking on their progress.
- Follow up on students' attendance for exams and submit a report to the department head.
- Follow up on controls to control delays and fill shortages, if any.
- Recording student violations in exams according to their records and submitting them to the relevant committees.
- Writing final reports, including the pros and cons and presenting proposals to solve them.
- Follow up on students' complaints and find solutions to emerging problems.

## LABORATORY MANAGEMENT AND INSTRUMENTATION COMMITTEE

### DUTIES

- Equip the department's laboratories and study the offers and specifications of instruments and equipment requested for the laboratories.
- Match the hardware specifications requested for supply to the laboratories before the completion of the procurement process. And the formation of technical committees to examine buying orders and deciding upon them for approval by the dean, and to prepare technical receipt forms.
- Regularly maintain the laboratories and equipment and communicate with concerned agencies and parties.
- Equip the laboratories with the appropriate educational means and with proper instrument according to the requests of specialists in the department.
- Inventory of materials, instruments, and equipment in various laboratories of the department and the organization of their storage and dispensing process in accordance with the laws and regulations applied.
- Inventory and evaluation of all types of risks that students or workers may be exposed to in the laboratories and solve them.
- Work on the development of safety and security measures and provide the requirements of safety, first aid kits and fire-fighting equipment in the laboratories.



- Monitor the duties and responsibilities of laboratory technicians, namely:
  - Maintaining cleanliness and general order of the laboratories.
  - Returning instruments and materials to their places after use and keeping them on a regular basis.
  - Labeling all materials in the laboratories to facilitate identification.
  - Systematic and regular inventory of the contents of the laboratories.
  - Perform other duties assigned by the dean in the committee's field of specialty.

## CONTINUOUS EDUCATION & E-LEARNING COMMITTEE

- Providing recommendations for e-learning.
- Implementing, following up and developing training and procedures related to e-learning technology.
- Cooperating with the curriculum and study plans committee to ensure the introduction of technology into the department's approved curricula and programs of Distance learning.
- Cooperating with accreditation and development committees to ensure that distance learning offers comply with accreditation requirements.
- Follow up on the implementation of the committee-related items contained in the strategic plan, including:
  - Developing theoretical and practical curricula online.
  - Create a wireless port in the department.
  - Create a system for online tests and grades.
  - Organizing and holding a training program at least annually for both faculty members and students on how to use scientific journals and electronic databases to develop research skills.

## STUDENT ACTIVITY AND COMMUNITY SERVICE COMMITTEE

### DUTIES

- Prepare annual and terminal plans to define and develop student activities.
- Organize and supervise student activities in coordination with other faculty committees.
- Spread awareness among students about rules and regulations concerned with costumes, good manners, academic behavior and student affairs.
- Make short- and long-term plans for community service.

- Organize and implement community service programs with participation from students, faculty members and partner associations in the community.
- Follow-up the performance of the following tasks in the strategic plan including:
  - Schedule a date for student orientation at the beginning of each academic year.
  - Prepare a faculty manual.

## ACCREDITATION AND QUALITY ASSURANCE COMMITTEE

### DUTIES

- Perform the program developmental evaluation study by checking the implementation of quality standards issued from NCAAA with regard to program's message, goals, and activities.
- Prepare and introduce to the program developmental evaluation study by informing students, faculty members and other concerned parties with the study and the opportunities given to participate in it.
- Prioritize the program's strategic aims and goals that need to be achieved and review performance in achieving those priorities and goals.
- Prepare the department and program's message in harmony with the faculty message and university message.
- Define the program's teaching goals and extract the program's teaching outputs from them according to NCAAA standards.
- Fill-in and complete the program and course description forms:
  - Program description form provided by NCAAA.
  - Course description form provided by NCAAA.
- Fill-in and complete course report forms (every semester) and program report (annually).
  - Program description form provided by NCAAA.
  - Course description form provided by NCAAA.
- Collect program performance indicators for the last three years and prepare the performance indicators' study report and the recommendations for improving the program accordingly.
- Arrange implementing surveys required for program evaluation through collecting opinions from concerned parties such as students, faculty

members, employees, graduates, and employers in order to prepare survey reports and recommendations for improving accordingly.

- Choose five similar programs and collect their performance indicators for analysis and benchmarking.
- Fill-in and complete the program's primary self-evaluation forms by the faculty members.
- Arrange contracting with experts in the program to perform an independent and indifferent evaluation for the program, the self-study report, performance indicators and to look into the results and recommendations that have been reached.
- Check results from performance indicators' reports, recommendations from survey reports, benchmarking reports and primary self-evaluation report. After which decide priorities for improvement and quality in different program activities.
- Prepare the self-study report according to NCAAA forms and make sure it includes full description of methodology of the study, results obtained, indicators to these results and recommendations for improvement.
- Review the final self-study report and raise it to the department council for approval.
- Raise the program self-study report to the executive committee for the developmental study project of the university.

- Prepare and proceed with all preparations needed for the visit by the external reviewers of the program.
- Follow-up the performance of the following tasks in the strategic plan including:
  - Organization and conduct 3 workshops on quality and accreditation.
  - Preparation of faculty for accreditation by international agencies.
  - Preparation of faculty process for accreditation by NCAAA.
  - Submission of the required documents for accreditation to the international agency.
  - Submission of the required documents for NCAAA accreditation.
  - Compare Faculty performance for each academic program with other institutions.
  - Perform other duties assigned to the committee.

## SCIENTIFIC RESEARCH COMMITTEE

### DUTIES

- Developing the scientific research environment in the college in terms of developing the research skills of faculty members through seminars, programs and development courses.
- Establishing and developing laboratories for scientific research and supervising them, in addition to preparing a mechanism for faculty members to benefit from.
- Encouraging inter-research through joint research between different college departments or other faculty members at the university.
- Encouraging students to participate in scientific research through workshops, lectures and other means.
- Explain the importance of scientific research and encourage faculty members to involve them in their research.
- Motivating research directed to meet the needs of society, in addition to building research partnerships with local community institutions.

- Conducting internal and external cooperation and agreements to support scientific research.
- Confinement of the interests and all research activities of faculty members.
- Contributing to motivating, facilitating and supporting faculty members' research affairs to develop and increase quantitative and qualitative research production.
- Procedures related to everything related to scientific research affairs in departments and colleges.
- Contributing to holding workshops, seminars, courses, scientific and research meetings and conferences at the faculty and the university, in addition to honoring distinguished employees in scientific research among the college's employees.
- Preparing and developing a plan to establish postgraduate programs and their extensions in the college.
- Supervise everything related to postgraduate studies in the department and colleges.
- Supervising postgraduate programs.
- Cooperating with college departments to open and supervise graduate programs.
- Conducting internal and external partnerships to support programs and benefit from expertise.
- Preparing databases to confine the college's faculty members.
- Procedures related to faculty members' affairs, including academic promotions, participation or attendance.
- Conferences, workshops, training and seminars locally and abroad.
- Encouraging faculty members to attend and participate in local and international conferences.
- Holding development workshops and seminars for postgraduate studies.
- Reviewing and archiving college scholarship files.
- Supervise every procedure related to the affairs of scholarship students and scholarships in departments and colleges.
- Direct communication with the scholarship administration at the university.

- Implementing and completing all initiatives to achieve the goals of the strategic plan of the College of Applied Medical Sciences and the University of Tabuk, in addition to recommendations for improvement related to scientific research and postgraduate studies and scholarship.

## CLINICAL TRAINING COMMITTEE

### DUTIES

- Coordinate with hospitals and other centers approved for training of third and fourth years and internship students.
- Place plans, manuals and guidelines regarding clinical training and internship.
- Follow-up of student performance in clinical training and internship. Evaluate their training and receive performance reports from hospitals and training centers. Ease procedures and solve problems related to training.
- Communicate periodically with the supervisor regarding the situation in clinical training.
- Raise performance reports to the head of the department at the end of each semester.
- Follow-up the performance of the following tasks in the strategic plan:
- Make arrangements with area leading hospitals for student
- Clinical training.
- Develop affiliations with leading hospitals in the Kingdom to enable exceptional students to gain extra clinical experience.

# PROGRAM SPECIFICATION

## PROGRAM DESCRIPTION

The Bachelor of Science in Physical Therapy is a Four-Year program consisting of 4-year preparatory and professional subjects, and a one (1) - year internship program. During the third- and fourth-year levels is the clinical rotation in the accredited hospitals in the Musculoskeletal, Neurological, Pediatrics, Cardiopulmonary, Women's Health, Burn and Wounds areas. The additional one (1)-year internship program is geared towards specialized training in the different accredited hospitals in the Kingdom and nearby countries.



# COURSE DESCRIPTION

## SECOND YEAR

**COURSE CODE: PHT231**

**COURSE TITLE: HUMAN  
ANATOMY**

### **COURSE DESCRIPTION**

This course covers the anatomy of different body systems including neural, cardiovascular, respiratory, lymphatic, urinary, digestive, endocrine, reproductive, integumentary systems, with emphasis on the musculoskeletal system. Lectures are supplemented by laboratory experience involving study of human plastinated cadavers and palpation of live humans.

PLACEMENT/ YEAR/LEVEL:	2nd Year/Level 3,1st Semester
CREDIT:	6 units (4 units lecture, 4 units laboratory)
CONTACT HOURS:	4 hours lecture, 4 hours laboratory/week (60 hours lecture and 60 hours laboratory per semester)
PRE-REQUISITE:	Biology
COURSE REQUIREMENTS: <ul style="list-style-type: none"><li>• Group Presentations</li><li>• Completed laboratory manuals</li><li>• Regular attendance/Class participation (recitation)</li></ul>	

**COURSE CODE: PHT232**

**COURSE TITLE: HUMAN PHYSIOLOGY**

### **COURSE DESCRIPTION:**

This course covers the basic function of different human body systems including muscular, neural, circulatory, autonomic nervous, respiratory, reproductive, renal, digestive, endocrine and integumentary systems. The principles of muscle contraction and contractile biochemistry are covered.

PLACEMENT/ YEAR/LEVEL:	2nd Year/Level 3, 1st Semester
CREDIT:	2 units (2 units lecture and 2 units laboratory)
CONTACT HOURS:	2 hours lecture and 2 hours laboratory per week (30 hours lecture and 30 hours laboratory per semester)
PRE-REQUISITE:	Biology, Human Anatomy
COURSE REQUIREMENTS: <ul style="list-style-type: none"><li>• Group Presentations</li><li>• Completed laboratory manuals</li><li>• Regular attendance/Class participation (recitation)</li></ul>	

**COURSE CODE: PHT 233**

**COURSE TITLE: INTRODUCTION TO PHYSICAL THERAPY**

**COURSE DESCRIPTION**

This course is an introduction to physical therapy profession, including the history of physical therapy, the evolution in physical therapy profession and education, physical therapy specialty areas and the role of physical therapy in health care. Basic knowledge and skills in patient care techniques such as patient positioning, transfer techniques, wheelchair use and design, and assisted gait are discussed. Physical therapy electrical and heat modalities and other basic topics in physical therapy are also introduced.

PLACEMENT/ YEAR/LEVEL:	2nd Year/Level 3,1st Semester
CREDIT:	2 units (1 unit lecture, 2 units laboratory)
CONTACT HOURS:	1 hour lecture, 2 hours laboratory/week (15 hours lecture and 30 hours laboratory per semester)
PRE-REQUISITE:	NONE
COURSE REQUIREMENTS: <ul style="list-style-type: none"><li>• Group Presentations</li><li>• Regular attendance/Class participation (recitation)</li></ul>	

**COURSE CODE: PHT 234**

**COURSE TITLE: PRINCIPLES OF EMERGENCY CARE**

**COURSE DESCRIPTION**

This course focuses on the concepts and principles of dealing with emergency cases. It also provides trainings for first aid, Basic Life Support (BLS) and other lifesaving skills.

PLACEMENT/ YEAR/LEVEL:	2nd Year/Level 3,1st Semester
CREDIT:	2 units (1 unit lecture, 2 units laboratory)
CONTACT HOURS:	1 hour lecture, 2 hours laboratory/week (15 hours lecture and 30 hours laboratory per semester)
PRE-REQUISITE:	None
COURSE REQUIREMENTS: <ul style="list-style-type: none"><li>• Group Presentations</li><li>• Completed laboratory manuals</li><li>• Regular attendance/Class participation (recitation)</li><li>• Research Papers</li></ul>	

**COURSE CODE: PHT 235**

**COURSE TITLE: MEDICAL TERMINOLOGY**

**COURSE DESCRIPTION**

This is course provides knowledge on internationally accepted medical and physical therapy terminologies and abbreviations taking into consideration international patient safety goals.

PLACEMENT/ YEAR/LEVEL:	2nd Year/Level 3,1st Semester
CREDIT:	1 unit (1 unit lecture, 0 units laboratory)
CONTACT HOURS:	1 hour lecture, 0 hours laboratory/week (15 hours lecture and 0-hour laboratory per semester)
PRE-REQUISITE:	English (2)
COURSE REQUIREMENTS: <ul style="list-style-type: none"><li>• Group Presentations</li><li>• Regular attendance/Class participation (recitation)</li></ul>	

**COURSE CODE: PHT 241**

**COURSE TITLE: NEUROSCIENCE**

### **COURSE DESCRIPTION**

This course covers in depth the neuroanatomy and neurophysiology of human nervous system. Identification of location, structure and function of CNS system and associated pathways. Topics relevant to the practice of physical therapy are emphasized. Lectures are supplemented by laboratory experience involving study of human plastinated cadavers.

PLACEMENT/ YEAR/LEVEL:	2nd Year/Level 4, 2nd Semester
CREDIT:	4 units (2 units lecture, 4 units laboratory)
CONTACT HOURS:	2 hours lecture, 4 hours laboratory/week (30 hours lecture and 60 hours laboratory per semester)
PRE-REQUISITE:	Human Anatomy, Human Physiology
COURSE REQUIREMENTS: <ul style="list-style-type: none"><li>• Group Presentations</li><li>• Completed laboratory manuals</li><li>• Regular attendance/Class participation (recitation)</li></ul>	

**COURSE CODE: PHT 242**

**COURSE TITLE: BIOMECHANICS**

### **COURSE DESCRIPTION**

This course is an introduction to the principles of the causes and treatment of musculoskeletal movement dysfunction. Analysis of biomechanical and kinesiological principles of human movement and function, as well as assessment of joint range of motion and mobility are included. Posture and gait analysis is also introduced. The contents of this course are conducted using lecture format and practical laboratory sessions.

PLACEMENT/ YEAR/LEVEL:	2nd Year/Level 4, 2nd Semester
CREDIT:	2 units (2 units lecture, 0 units laboratory)
CONTACT HOURS:	2 hours lecture, 0 hours laboratory per week (30 hours lecture and 0 hours laboratory per semester)
PRE-REQUISITE:	General Physics, Human Anatomy
COURSE REQUIREMENTS: <ul style="list-style-type: none"><li>• Group Presentations</li><li>• Regular attendance/Class participation (recitation)</li></ul>	

**COURSE CODE: PHT 243**

**COURSE TITLE: FUNDAMENTALS OF PHYSICAL ASSESSMENT**

### **COURSE DESCRIPTION**

This course covers the basics of neuromusculoskeletal system assessment, such as manual muscle testing, dermatome and myotome testing and selective tissue tension tests. Issues related to screening, review of systems, history, physical examination and clinical decision making are also covered.

PLACEMENT/ YEAR/LEVEL:	2nd Year/Level 4, 2nd Semester
CREDIT:	3 units (1 unit lecture, 4 units laboratory)
CONTACT HOURS:	1 hour lecture, 4 hours laboratory per week (15 hours lecture and 60 hours laboratory per semester)
PRE-REQUISITE:	Human Anatomy

COURSE REQUIREMENTS:

- Group Presentations
- Completed laboratory manuals
- Regular attendance/Class participation (recitation)

**COURSE CODE: PHT 244**  
**COURSE TITLE: THERAPEUTIC EXERCISES**

**COURSE DESCRIPTION:**

In this course, students learn the physical and physiological principles underlying the use of various physical therapy electrical and heat modalities such as ultrasound, short wave diathermy, LASER, infrared and ultraviolet. Therapeutic effects, indications, contraindications, and precautions are discussed. Students are introduced to the basic electronic principles of those modalities. Practical sessions are provided for the students to develop the skills of using these modalities.

PLACEMENT/ YEAR/LEVEL:	2nd Year/Level 4, 2ndSemester
CREDIT:	3 units (1 unit lecture, 4 units laboratory)
CONTACT HOURS:	2 hours lecture, 2 hours laboratory per week (30 hours lecture and 30 hours laboratory per semester)
PRE-REQUISITE:	Human Anatomy

**COURSE REQUIREMENTS:**

- Group Presentations
- Completed laboratory manuals
- Regular attendance/Class participation (recitation)

**COURSE CODE: PHT 245**  
**COURSE TITLE: PATHOPHYSIOLOGY**

**COURSE DESCRIPTION:**

This course deals with the study of the pathology of diseases and injuries across the life span. It covers the etiology, signs and symptoms, and the physical and psychological reactions to diseases and injuries. Cell damage, inflammation, healing, infection, immunity and neoplasia are covered. Pathophysiology of emphasis on neuromusculoskeletal and cardiopulmonary is emphasized.

PLACEMENT/ YEAR/LEVEL:	2nd Year/Level 4, 2ndSemester
CREDIT:	2 units (2 units lecture, 0 units laboratory)
CONTACT HOURS:	2 hours lecture, 0 hours laboratory per week (30 hours lecture and 0 hours laboratory per semester)
PRE-REQUISITE:	Human Physiology

**COURSE REQUIREMENTS:**

- Group presentations
- Research work about recent diseases
- Case study
- Regular attendance/Class participation (recitation)

## THIRD YEAR

**COURSE CODE: PHT 351**

**COURSE TITLE: MUSCULOSKELETAL  
PHYSICAL THERAPY I**

**COURSE DESCRIPTION:**

This course is the first in a series of three courses that covers the principles of evaluation and physical therapy treatment of patients with musculoskeletal disorders. This course focuses on the upper extremities. Further understanding of the structural anatomy of the upper extremity and biomechanics in both normal and abnormal conditions are provided. Common injuries and disorders of upper extremity and the therapeutic techniques such as joint mobilization are emphasized

PLACEMENT/ YEAR/LEVEL:	3rd Year/Level 5, 1st Semester
CREDIT:	3 units (2 units lecture, 2 units laboratory)
CONTACT HOURS:	2 hours lecture, /week and 2 hours laboratory/week (30 hours lecture per semester and 30 hours laboratory per semester)
PRE-REQUISITE:	Fundamentals of Physical Assessment, Therapeutic Exercises

**COURSE REQUIREMENTS:**

- Group Presentations
- Completed laboratory manuals
- Regular attendance/Class participation (recitation)

**COURSE CODE: PHT 352**

**COURSE TITLE: NEUROMUSCULAR PHYSICAL THERAPY I**

**COURSE DESCRIPTION:**

This course is the first of two courses that cover the principles of evaluation and physical therapy treatment of patients with neuromuscular disorders. This course focuses on neuromuscular complications associated with brain injury and CVA. Analysis of neuromuscular signs and symptoms and how to use them in clinical decision making is also covered.

PLACEMENT/ YEAR/LEVEL:	3rd Year/Level 5, 1st Semester
CREDIT:	3 units (2 units lecture, 2 units laboratory)
CONTACT HOURS:	2 hours lecture, 2 hours laboratory/week (30 hours lecture and 30 hours laboratory per semester)
PRE-REQUISITE:	Neuroscience, Fundamentals of Physical Assessment, Therapeutic Exercises

**COURSE REQUIREMENTS:**

- Group Presentations
- Completed laboratory manuals
- Regular attendance/Class participation (recitation)

COURSE CODE: PHT 353

COURSE TITLE: PHYSICAL THERAPY MODALITIES

**COURSE DESCRIPTION:**

This course focuses on training the students on the applications of graded exercises and exercise prescriptions.

PLACEMENT/ YEAR/LEVEL:

3rd Year/Level 5, 1st Semester

CREDIT:

2 units (1 unit lecture, 1 unit laboratory)

CONTACT HOURS:

1 hour lecture, 1 hour laboratory per week (15 hours lecture and 15 hours laboratory per semester)

PRE-REQUISITE:

None

COURSE REQUIREMENTS:

- Submission of laboratory exercises
- Case presentations
- Regular attendance/Class participation (recitation)

COURSE CODE: PHT 354

COURSE TITLE: PHYSIOLOGY OF EXERCISE

**COURSE DESCRIPTION:**

This course focuses on the structure and function of muscle and principles of neuromuscular recruitment for physical work. The biophysics of muscle contraction, excitation-contraction coupling, and contractile biochemistry, including sources of fuel for muscular work, and shifts in energy demands and fuel sources with physical activity under conditions of steady state, fasting, exercise and stress will also be covered. Examples of the impact of structural and physiological changes with growth, aging, disease, drugs, and performance enhancing substances are reviewed.

PLACEMENT/ YEAR/LEVEL:

3rd Year/Level 5,1st Semester

CREDIT:

2 units (2 units lecture, 0 units laboratory)

CONTACT HOURS:

2 hours lecture, 0 hours laboratory/week (30 hours Lecture and 0 hours laboratory per semester)

PRE-REQUISITE:

Human Physiology

COURSE REQUIREMENTS:

- Group Presentations
- Regular attendance/Class participation (recitation)

**COURSE CODE: PHT 355**  
**COURSE TITLE: KINESIOLOGY**

**COURSE DESCRIPTION:**

This course is an introduction to the study of biomechanics and its application to human movement. Forces acting upon the various body segments during movement are analyzed and discussed. The application of biomechanical principles to different aspects of physical therapy practice is emphasized.

PLACEMENT/ YEAR/LEVEL:	3rd Year/Level 5, 1st Semester
CREDIT:	3 units (2 units lecture, 2 units laboratory)
CONTACT HOURS:	2 hours lecture, 2 hours laboratory per week (30 hours lecture and 30 hours laboratory per semester)
PRE-REQUISITE:	Biomechanics

**COURSE REQUIREMENTS:**

- Group Presentations
- Completed laboratory manuals
- Regular attendance/Class participation (recitation)

**COURSE CODE: PHT 356**  
**COURSE TITLE: CLINICAL PRACTICE I**

**COURSE DESCRIPTION:**

In this course, the students are assigned to selected facilities for a 6 hour a week clinical training emphasizing the development of their professional skills. It is a supervised hands-on experience allowing the student to perform those patient management skills that they are learning in the classroom throughout the semester. Physical therapy management of patients with brain injury, CVA and musculoskeletal disorders and injuries of upper extremity are emphasized. Evaluation and management of patients in orthopedic and medical wards are also included.

PLACEMENT/ YEAR/LEVEL:	3rd Year/Level 5, 1st Semester
CREDIT:	3 units (0 units lecture, 6 units laboratory)
CONTACT HOURS:	0 hours lecture, 6 hours laboratory per week (0 hours lecture and 90 hours laboratory per semester)
PRE-REQUISITE:	Introduction to Physical Therapy, Neuroscience, Fundamentals of Physical Assessment, Therapeutic Exercises

**COURSE REQUIREMENTS:**

- Laboratory Manual
- Case presentations
- Case reports
- Regular attendance/Class participation (recitation)



**COURSE CODE: PHT 361**  
**COURSE TITLE: MUSCULOSKELETAL PHYSICAL THERAPY II**

**COURSE DESCRIPTION:**  
 This course is the second in a series of three courses that covers the principles of evaluation and physical therapy treatment of patients with musculoskeletal disorders. This course focuses on the lower extremities. Further understanding of the structural anatomy of the lower extremity and biomechanics in both normal and abnormal conditions are provided. Common injuries and disorders of lower extremity and the therapeutic techniques such as joint mobilization are emphasized.

PLACEMENT/ YEAR/LEVEL:	3rd Year/Level 6, 2nd Semester
CREDIT:	3 units (2 units lecture and 2 units laboratory)
CONTACT HOURS:	2 hours lecture and 2 hours laboratory/week (30 hours lecture and 30 hours laboratory per semester)
PRE-REQUISITE:	Fundamentals of Physical Assessment, Therapeutic Exercises

- COURSE REQUIREMENTS:**
- Group Presentations
  - Completed laboratory manuals
  - Research and Reaction Papers of recent innovation in musculoskeletal therapy

**COURSE CODE: PHT 362**  
**COURSE TITLE: NEUROMUSCULAR PHYSICAL THERAPY II**

**COURSE DESCRIPTION:**  
 This course is the second of two courses that cover the principles of evaluation and physical therapy treatment of patients with neuromuscular disorders. This course focuses on common neuromuscular conditions such as spinal cord injuries (SCI), vestibular disorders and Parkinson's disease.

PLACEMENT/ YEAR/LEVEL:	3rd Year/Level 6, 2nd Semester
CREDIT:	3 units (2 lecture and 2 units laboratory)
CONTACT HOURS:	2 hours lecture and 2 hours laboratory/week (30 hours lecture and 30 hours laboratory per semester)
PRE-REQUISITE:	Neuromuscular Physical Therapy I

- COURSE REQUIREMENTS:**
- Group Presentations
  - Completed laboratory manuals
  - Regular attendance/Class participation (recitation)

COURSE CODE: PHT 363

COURSE TITLE: TRAUMATOLOGY & ORTHOPEDICS

**COURSE DESCRIPTION:**

The course covers the mechanisms of injury to bones, joints, soft tissues and their treatment as a result of physical activities during the performance of sports or at work. Methods of evaluation, investigations, clinical features, and management including surgical procedures are provided. Concepts related to pain and the inflammatory process, boney healing and remodeling, and how these concepts impact clinical practice are also covered. Students also learn the postoperative rehabilitation protocol for common orthopedic procedures. Lectures are supplemented by laboratory experience in which the student learns how to perform physical therapy techniques to asses and treat initial sport injuries, and to use and apply preventive methods such as kinesio-taping.

PLACEMENT/ YEAR/LEVEL:	3rd Year/Level 6, 2nd Semester
CREDIT:	2 units (1 unit lecture and 2 units laboratory)
CONTACT HOURS:	1 hour lecture and 2 hours laboratory/week (15 hours lecture and 30 hours laboratory per semester)
PRE-REQUISITE:	Biomechanics, Fundamentals of Physical Assessment, Therapeutic Exercises

**COURSE REQUIREMENTS:**

- Group Presentations
- Completed laboratory manuals
- Regular attendance/Class participation (recitation)

COURSE CODE: PHT 364

COURSE TITLE: GROWTH &  
DEVELOPMENT

**COURSE DESCRIPTION:**

This course covers general principles relating to growth and development of the major body systems including neurosensory, neuromuscular, musculoskeletal and cardiopulmonary systems as related to physical therapy management. Sensory motor development and reflexes in pediatrics are also discussed.

PLACEMENT/ YEAR/LEVEL:	3rd Year/Level 6, 2nd Semester
CREDIT:	2 units (2 units lecture and 0 units laboratory)
CONTACT HOURS:	2 hours lecture and 0 hours laboratory/week (30 hours lecture and 0 hours laboratory per semester)
PRE-REQUISITE:	Human Anatomy, Human Physiology

**COURSE REQUIREMENTS:**

- Group Presentations
- Regular attendance/Class participation (recitation)

**COURSE CODE: PHT 365**

**COURSE TITLE: PROFESSIONAL PRACTICE IN PHYSICAL THERAPY**

**COURSE DESCRIPTION:**

This course deals with professional aspects of physical therapy, including communication, documentation skills, legal issues and effective teaching and learning methods. Medical ethics and values, and issues related to patients' privacy and confidentiality are emphasized.

PLACEMENT/ YEAR/LEVEL:	3rd Year/Level 6, 2nd Semester
CREDIT:	1 unit (1 unit lecture and 0 units laboratory)
CONTACT HOURS:	1 hour lecture and 0 hours laboratory/week (15 hours lecture and 0 hours laboratory per semester)
PRE-REQUISITE:	Introduction to Physical Therapy

**COURSE REQUIREMENTS:**

- Group Presentations
- Regular attendance/Class participation (recitation)

**COURSE CODE: PHT 366**

**COURSE TITLE: BIostatISTICS**

**COURSE DESCRIPTION:**

This course covers the basic statistical methods as related to medical sciences. Topics include, but are not limited to, distributions, central tendency, variability, correlation, sampling techniques, and hypothesis testing

PLACEMENT/ YEAR/LEVEL:	3rd Year/Level 6, 2nd Semester
CREDIT:	2 units (2 units lecture, 0 units laboratory)
CONTACT HOURS:	2 hours lecture, 0 hours laboratory/week (30 hours lecture and 0 hours laboratory per semester)
PRE-REQUISITE:	Math

**COURSE REQUIREMENTS:**

- Group Presentations
- Regular attendance/Class participation (recitation)

**COURSE CODE: PHT 367**

**COURSE TITLE: CLINICAL PRACTICE II**

**COURSE DESCRIPTION:**

In this course, the students are assigned to selected facilities for a 6 hour a week clinical training emphasizing the development of their professional skills. It is a supervised hands-on experience allowing the student to perform those patient management skills that they are learning in the classroom throughout the semester. Physical therapy management of patients with SCI, vestibular disorders and musculoskeletal disorders and injuries of lower extremity are emphasized. Evaluation and management of patients in orthopedic and medical wards are also included.

PLACEMENT/ YEAR/LEVEL:	3rd Year/Level 6, 2ndSemester
CREDIT:	3 units (0 units lecture, 6 units laboratory)
CONTACT HOURS:	0 hours lecture, 6 hours laboratory/week (0 hours lecture and 90 hours laboratory per semester)
PRE-REQUISITE:	Introduction to Physical Therapy, Neuroscience, Fundamentals of Physical Assessment, Therapeutic Exercises

**COURSE REQUIREMENTS:**

- Group Presentations
- Completed laboratory manuals
- Case reports
- Regular attendance/Class participation (recitation)

## FOURTH YEAR

**COURSE CODE: PHT 471**

**COURSE TITLE: MUSCULOSKELETAL  
PHYSICAL THERAPY III**

**COURSE DESCRIPTION:**

This course is the third in a series of three courses that covers the principles of evaluation and physical therapy treatment of patients with musculoskeletal disorders. This course focuses on the spine and pelvic region. Further understanding of the structural anatomy of the upper extremity and biomechanics in both normal and abnormal conditions are provided. Common disorders of the spine and pelvis and the therapeutic techniques such as mobilization, manipulation and traction are emphasized. Evaluation and treatment of temporomandibular joint disorders is also included.

PLACEMENT/ YEAR/LEVEL:	4th Year/Level 7, 1st Semester
CREDIT:	3 units (2 units lecture, 2 units laboratory)
CONTACT HOURS:	2 hours lecture, 2 hours laboratory/week (30 hours lecture and 30 hours laboratory per semester)
PRE-REQUISITE:	Fundamentals of Physical Assessment, Therapeutic Exercises

**COURSE REQUIREMENTS:**

- Group Presentations
- Completed laboratory manuals
- Regular attendance/Class participation (recitation)

COURSE CODE: PHT 472

COURSE TITLE: CARDIOPULMONARY PHYSICAL THERAPY

**COURSE DESCRIPTION:**

This course focuses on the physical therapy evaluation and management of patients with cardiovascular and pulmonary diseases, as well as metabolic disorders. Physical therapy techniques such as breathing exercises and postural drainage in addition to the management of common cardiac and vascular disorders are covered.

PLACEMENT/ YEAR/LEVEL:	4th Year/Level 7, 1st Semester
CREDIT:	4 units (3 units lecture, 2 units laboratory)
CONTACT HOURS:	3 hours lecture, 2 hours laboratory/week (45 hours lecture and 30 hours laboratory per semester)
PRE-REQUISITE:	Therapeutic Exercises

**COURSE REQUIREMENTS:**

- Submission of lab exercises (Laboratory Manual)
- Journal Report of recent laboratory equipment, including method and principle used
- Submission of research articles and assignments in the subject

COURSE CODE: PHT 473

COURSE TITLE: GERIATRIC PHYSICAL THERAPY

**COURSE DESCRIPTION:**

This course provides information about factors that affect the wellbeing and health of aging people. An overview of systemic, behavioral, and cognitive changes that typically occur with advanced age and the impact of the changes on physical function are also discussed. Knowledge about physical performance and assessment of older adults and how to employ them to and design rehabilitation programs for older adults is emphasized.

PLACEMENT/ YEAR/LEVEL:	4th Year/Level 7, 1st Semester
CREDIT:	2 units (2 units lecture, 0 units laboratory)
CONTACT HOURS:	2 hours lecture, 0 hours laboratory/week (30 hours lecture and 0 hours laboratory per semester)
PRE-REQUISITE:	Growth & Development

**COURSE REQUIREMENTS:**

- Group Presentations
- Regular attendance/Class participation (recitation)

COURSE CODE: PHT 474

COURSE TITLE: RESEARCH METHODS IN PHYSICAL THERAPY & RESEARCH PROJECT

**COURSE DESCRIPTION:**

This course provides the basic principles of research in physical therapy, including research methodology, study design, hypothesis testing, and principles of data collection and outcome assessment. Students are also divided into groups for supervised and directed research project.

PLACEMENT/ YEAR/LEVEL:	4th Year/Level 7, 1st Semester
CREDIT:	3 units (3 units lecture, 0 units laboratory)
CONTACT HOURS:	3 hours lecture, 0 hours laboratory/week (45 hours lecture and 0 hours laboratory per semester)
PRE-REQUISITE:	Biostatistics, Evidence-Based Physical Therapy Practice

**COURSE REQUIREMENTS:**

- Group Presentations
- Regular attendance/Class participation (recitation)

**COURSE CODE: PHT 475****COURSE TITLE: EVIDENCE-BASED PHYSICAL THERAPY PRACTICE****COURSE DESCRIPTION:**

This course provides the basic principles of evidence-based practice in physical therapy. It aims to teach the students how to critically evaluate published research relevant to physical therapy, and how to secure and evaluate evidence for clinical decision making. Issues related to implementation and integration of best evidence in physical therapy practice is also included.

PLACEMENT/ YEAR/LEVEL:	4th Year/Level 7, 1stSemester
CREDIT:	1 unit (1 unit lecture, 0 units laboratory)
CONTACT HOURS:	1 hour lecture, 0 hours laboratory/week (15 hours lecture and 0 hours laboratory per semester)
PRE-REQUISITE:	Biostatistics

**COURSE REQUIREMENTS:**

- Group Presentations
- Regular attendance/Class participation (recitation)

**COURSE CODE: PHT 476****COURSE TITLE: SELECTED TOPICS IN REHABILITATION I****COURSE DESCRIPTION:**

This course contains two parts. In the first part, students learn the physical and physiological principles underlying the use of various hydrotherapy techniques such as bathes, pool, paraffin wax, hot & cold packs and ice application. Therapeutic effects, indications, contraindications, and precautions are discussed. Practical sessions are provided for the students to develop the skills of using these techniques. In the second part, students learn the techniques and clinical uses of the soft tissue mobilization such deep friction massage, lymphatic drainage massage and other soft tissue mobilization techniques that can be used in physical therapy.

PLACEMENT/ YEAR/LEVEL:	4th Year/Level 7, 1stSemester
CREDIT:	2 units (1 unit lecture, 2 units laboratory)
CONTACT HOURS:	1 hour lecture, 2 hours laboratory/week (15 hours lecture and 30 hours laboratory per semester)
PRE-REQUISITE:	Therapeutic Exercises

**COURSE REQUIREMENTS:**

- Submission of lab exercises (Laboratory Manual)
- Journal Report of recent laboratory equipment, including method and principle used
- Submission of research articles and assignments in the subject

**COURSE CODE: PHT 477****COURSE TITLE: CLINICAL PRACTICE III**

**COURSE DESCRIPTION:**

In this course, the students are assigned to selected facilities for a 6 hour a week clinical training emphasizing the development of their professional skills. It is a supervised hands-on experience allowing the student to perform those patient management skills that they are learning in the classroom throughout the semester. Physical therapy management of patients with different spinal conditions. In additions, the management of patients with cardiovascular, pulmonary and metabolic conditions are also covered. Evaluation and management of patients in orthopedic and medical wards are included.

PLACEMENT/ YEAR/LEVEL:	4th Year/Level 7, 1stSemester
CREDIT:	3 units (0 units lecture, 6 units laboratory)
CONTACT HOURS:	0 hours lecture, 6 hours laboratory/week (0 hours lecture and 90 hours laboratory per semester)
PRE-REQUISITE:	Introduction to Physical Therapy, Neuroscience, Fundamentals of Physical Assessment, Therapeutic Exercises

**COURSE CODE:** PHT 481

**COURSE TITLE:** PEDIATRIC PHYSICAL THERAPY

**COURSE DESCRIPTION:**

This course covers the examination, evaluation and treatment of children with neuromuscular and neurodevelopmental delays and disabilities, and other commonly conditions seen in pediatrics. The students learn to interpret results of clinical findings in pediatrics and how to formulate treatment goals that are functional and age appropriate. Special practice settings unique to pediatric practice are also discussed.

PLACEMENT/ YEAR/LEVEL:	4th Year/Level 8, 2ndSemester
CREDIT:	4 units (3 units lecture, 2 units laboratory)
CONTACT HOURS:	3 hours lecture, 2 hours laboratory/week (45 hours lecture and 30 hours laboratory per semester)
PRE-REQUISITE:	Neuroscience, Growth and Development

**COURSE REQUIREMENTS:**

- Group Presentations
- Completed laboratory manuals
- Regular attendance/Class participation (recitation)

**COURSE CODE:** PHT 482

**COURSE TITLE:** PROSTHETICS & ORTHOTICS

**COURSE DESCRIPTION:**

This course provides the principles of orthotics and prosthetics and how to prescribe, fitting and train patient to apply them. Information about gait analysis and pathological gait in patients with different neuromuscular and musculoskeletal disorders is also provided.

PLACEMENT/ YEAR/LEVEL:	4th Year/Level 8, 2ndSemester
CREDIT:	2 units (1 unit lecture, 2 units laboratory)
CONTACT HOURS:	1 hour lecture, 2 hours laboratory/week (15 hours lecture and 30 hours laboratory per semester)
PRE-REQUISITE:	Kinesiology, Traumatology & Orthopedics

**COURSE REQUIREMENTS:**

- Group Presentations
- Completed laboratory manuals
- Regular attendance/Class participation (recitation)

COURSE CODE: PHT 483

COURSE TITLE: LEADERSHIP & MANAGEMENT IN PHYSICAL THERAPY

**COURSE DESCRIPTION:**

This course covers the principles of leadership and management for physical therapy practice, including professional communication skills, change management, recruiting, supervising, motivating, coaching, monitoring and evaluating staff, business and strategic planning, financial management, effective marketing and consulting skills.

PLACEMENT/ YEAR/LEVEL:	4th Year/Level 8, 2ndSemester
CREDIT:	1 unit (1 unit lecture, 0 units laboratory)
CONTACT HOURS:	1 hour lecture, 0 hours laboratory/week (1 hour lecture and 0 hours laboratory per semester)
PRE-REQUISITE:	Professional Practice in Physical Therapy

**COURSE REQUIREMENTS:**

- Group Presentations
- Regular attendance/Class participation (recitation)

COURSE CODE: PHT 484

COURSE TITLE: RADIOLOGY FOR PHYSICAL THERAPY

**COURSE DESCRIPTION:**

This course provides basic information about radiological studies including x-ray, MRI, and CT scan. Emphasis is given on the skeletal, central nervous and cardiopulmonary systems. Reading and interpretation of normal and abnormal radiological films are included.

PLACEMENT/ YEAR/LEVEL:	4th Year/Level 8, 2ndSemester
CREDIT:	2 units (1 unit lecture, 2 units laboratory)
CONTACT HOURS:	1 hour lecture, 2 hours laboratory/week (15 hours lecture and 30 hours laboratory per semester)
PRE-REQUISITE:	Human Anatomy, Neuroscience

**COURSE REQUIREMENTS:**

- Group Presentations
- Completed laboratory manuals
- Regular attendance/Class participation (recitation)

COURSE CODE: PHT 485

COURSE TITLE: REHABILITATION PSYCHOLOGY

**COURSE DESCRIPTION:**

This course covers the psychological principles that can be used in rehabilitation. Psychosocial issues related to physical therapy such as mental health, patient therapist communication, the role of family and friends, and the effect of disability on the psychological status are also covered

PLACEMENT/ YEAR/LEVEL:	4th Year/Level 8, 2nd Semester
CREDIT:	2 units (2 units lecture, 0 units laboratory)
CONTACT HOURS:	2 hours lecture, 0 hours laboratory/week (30 hours lecture and 0 hours laboratory per semester)
PRE-REQUISITE:	Neuroscience



**COURSE REQUIREMENTS:**

- Group Presentations
- Regular attendance/Class participation (recitation)

**COURSE CODE:** PHT 486**COURSE TITLE:** PHARMACOLOGY FOR PHYSICAL THERAPY**COURSE DESCRIPTION:**

This course deals with pharmacodynamics, pharmacokinetics, pharmacotherapeutics and toxicology of drugs. Emphasis is given on the common drugs, its effects, side effects and dose used for the patients that can be indicated for physical therapy.

**PLACEMENT/ YEAR/LEVEL:**

4th Year/Level 8, 2ndSemester

**CREDIT:**

2 units (2 units lecture, 0 units laboratory)

**CONTACT HOURS:**

2 hours lecture, 0 hours laboratory/week (30 hours lecture and 0 hours laboratory per semester)

**PRE-REQUISITE:**

Pathophysiology

**COURSE REQUIREMENTS:**

- Group Presentations
- Regular attendance/Class participation (recitation)

**COURSE CODE:** PHT 487**COURSE TITLE:** SELECTED TOPICS IN REHABILITATION II**COURSE DESCRIPTION:**

This course contains two parts. In the first part students learn the physical therapy evaluation and treatment of common diseases and conditions of the integument system, such as wounds, burns, skin ulcers, traumatic injuries, and scars. The second part of this course aims to teach the students the role of physical therapy in women's health throughout the lifespan. Changes in the neurosensory, neuromuscular, cardiovascular, pulmonary, integumentary, and musculoskeletal systems in women and the related physical therapy management are discussed.

**PLACEMENT/ YEAR/LEVEL:**

4th Year/Level 8, 2ndSemester

**CREDIT:**

2 units (1 unit lecture, 2 units laboratory)

**CONTACT HOURS:**

1 hour lecture, 2 hours laboratory/week (15 hours lecture and 30 hours laboratory per semester)

**PRE-REQUISITE:**

Therapeutic Exercises, Kinesiology

**COURSE REQUIREMENTS:**

- Group Presentations
- Completed laboratory manuals
- Regular attendance/Class participation (recitation)

**COURSE CODE:** PHT 488**COURSE TITLE:** CLINICAL PRACTICE IV

**COURSE DESCRIPTION:**

In this course, the students are assigned to selected facilities for a 6 hour a week clinical training emphasizing the development of their professional skills. It is a supervised hands-on experience allowing the student to perform those patient management skills that they are learning in the classroom throughout the semester. Physical therapy management of common pediatric disorders is emphasized. Burns and integumentary rehabilitation, and women's health are also covered. Evaluation and management of patients in pediatric wards and burn units are included.

PLACEMENT/ YEAR/LEVEL:	4th Year/Level 8, 2ndSemester
CREDIT:	3 units (0 units lecture, 6 units laboratory)
CONTACT HOURS:	0 hour lecture, 6 hours laboratory/week (0 hours lecture and 90 hours laboratory per semester)
PRE-REQUISITE:	Neuroscience, Therapeutic Exercises, Physical Therapy Modalities, Growth & Development,

**COURSE REQUIREMENTS:**

- Submission of lab exercises (Laboratory Manual)
- Journal Report of recent treatment techniques, including method and principle used
- Case reports
- Submission of research articles and assignments in the subject

# CURRICULUM

## ACADEMIC YEAR 2022-2023 (1443-1444)

First Year									
1 <sup>st</sup> Semester					2 <sup>nd</sup> Semester				
Code	Course	T	P	C.H.	Code	Course	T	P	C. H.
LTS 001	Learning, thinking and research skills	3	0	3	COMM 001	Communication Skills	2	0	2
EMD 001	English Language (1)	5	0	5	CSC 001	Computer Skills and Applications	3	0	3
BIO 101	General Biology	3	0	3	EMD 002	English Language (2)	5	0	5
CHEM 101	General Chemistry	3	0	3	MATH 101	Mathematics (2)	3	0	3
MATH 100	Mathematics	3	0	3	PHYS 101	General Physics	3	0	3
Total				17	Total				16
Second Year									
3 <sup>rd</sup> Semester					4 <sup>th</sup> Semester				
Code	Course	T	P	C. H.	Code	Course	T	P	C. H.
ISLS 101	Islamic Culture 1	2	-	2	ISLS 201	Islamic Culture 2	2	-	2
ARAB 101	Language Skills 1	2	-	2	ARAB 201	Writing Skills	2	-	2
PHT 231	Human Anatomy	4	4	6	PHT 241	Neuroscience	2	4	4
PHT 232	Human Physiology	2	2	3	PHT 242	Biomechanics	2	-	2
PHT 233	Introduction to Physical Therapy	1	2	2	PHT 243	Fundamentals of Physical Assessment	1	4	3
PHT 234	Principles of Emergency Care	1	2	2	PHT 244	Therapeutic Exercises	1	4	3
PHT 235	Medical Terminology	1	-	1	PHT 245	Pathophysiology	2	-	2
Total				18	Total				18
Third Year									
5 <sup>th</sup> Semester					6 <sup>th</sup> Semester				
Code	Course	T	P	C. H.	Code	Course	T	P	C. H.
ISLS 301	Islamic Culture 3	2	0	2	ISLS 401	Islamic Culture 4	2	0	2
PHT 351	Musculoskeletal Physical Therapy I	2	2	3	PHT 361	Musculoskeletal Physical Therapy II	2	2	3
PHT 352	Neuromuscular Physical Therapy I	2	2	3	PHT 362	Neuromuscular Physical Therapy II	2	2	3
PHT 353	Physical Therapy Modalities	1	2	2	PHT 363	Traumatology & Orthopedics	1	2	2
PHT 354	Physiology of Exercise	2	0	2	PHT 364	Growth & Development	2	0	2
PHT 355	Kinesiology	2	2	3	PHT 365	Professional Practice in Physical Therapy	1	0	1
PHT 356	Clinical Practice I	0	6	3	PHT 366	Biostatistics	2	0	2
					PHT 367	Clinical Practice II	0	6	3
Total				18	Total				18
Fourth Year									
7 <sup>th</sup> Semester					8 <sup>th</sup> Semester				
Code	Course	T	P	C. H.	Code	Course	T	P	C. H.
PHT 471	Musculoskeletal Physical Therapy III	2	2	3	PHT 481	Pediatric Physical Therapy	3	2	4
PHT 472	Cardiopulmonary Physical Therapy	3	2	4	PHT 482	Prosthetics & Orthotics	1	2	2
PHT 473	Geriatric Physical Therapy	2	0	2	PHT 483	Leadership & Management in Physical Therapy	1	0	1
PHT 474	Research Methods in Physical Therapy & Research Project	3	0	3	PHT 484	Radiology for Physical Therapy	1	2	2
PHT 475	Evidence-Based Physical Therapy Practice	1	0	1	PHT 485	Rehabilitation Psychology	2	0	2
PHT 476	Selected Topics in Rehabilitation I	1	2	2	PHT 486	Pharmacology for Physical Therapy	2	0	2
PHT 477	Clinical Practice III	0	6	3	PHT 487	Selected Topics in Rehabilitation II	1	2	2
						Clinical Practice IV	0	6	3
Total				18	Total				18

**T = Theoretical P = Practical C. H. = Credit Hours**

# FACILITIES

## LABORATORIES

Laboratories are an important part of the curricular programs of an institution. They include not just the space but also the supplies, equipment and features desired of good laboratories to help attain course objectives.

### • LABORATORY ROOMS

The PT has 2 sections, 1 male and 1 female section, in the main campus. Each section has its own facilities consisting of classroom, laboratory, computer laboratory and among others. Currently, the main branch has 1 computer or Internet Laboratory and 10 PT laboratories namely:

- 2 Anatomy Laboratories (1 male & 1 female).
- Cardiopulmonary and Geriatric Lab
- Orthopedic Lab
- Neurology Lab
- Assessment and Therapeutic Lab
- Electrotherapy Lab
- Hydrotherapy Laboratory.
- Assessment and Therapeutic Lab
- Pediatric and Women's Health Lab

The Laboratory Management Committee in the department oversees the supplies, requests, needs and maintenance issues. They have developed a mechanism on the procurement, service of maintenance and request.

Generally, each laboratory room is spacious and can accommodate at least 30 students. They are well ventilated, well illuminated and safety measures are taken into consideration. Furniture arrangement does not obstruct traffic and facilities and are readily available when needed.

## RESEARCH

The Physical Therapy Department commits itself to the actualization of the University of Tabuk's commitment to the advancement of research and development, fully supportive of and complementary to teaching and community services and responsive to contemporary issues and problems of the University and of the society. Research is a subject for the fourth year in the first semester. The department has appointed Research Advisers for each specialized area. Students conduct research activities under the different advisers. Best researches are chosen among the presentations and have the chance to participate in Students' Scientific Conference.

Likewise, faculty members are also encouraged to conduct researches in their areas of specialization as long as they meet the criteria set by the university's research unit. The program has sufficient basic equipment and supplies that can run and operate experimentation smoothly and effectively.

## COMMUNITY OUTREACH

The PT Department in the University of Tabuk is fully aware of its responsibility to utilize and share the knowledge that its faculty and students possess, as well as the expertise and skills that they have acquired. The department believes that its community outreach program is the channel through which these skills and knowledge can flow to the community. Serving the community through the community outreach program realizes the two-fold aim of the department: alleviation of the health condition of the community by making available awareness campaigns on different health conditions which are simple, inexpensive but essential in promoting the well-being of the community.

## LIBRARY

The library extensively exists at the main campus. It is accessible to the male , female students. The library houses extensive copies and volumes of books, journals and other relevant reading materials which are used as textbooks and references by the students in each college.

The readily available internet access, students and staff were provided with rich resources of learning using the Saudi Digital Library, this can be accessed using their mobiles, laptops, iPads or their desktops in the staff's offices. An existing Library was also housed in the faculty building with conducive area for reading and studying while the main library is situated at the University campus which is easily accessible by car. Internet room for student is also available and located just near their classrooms.



## STUDENT SERVICES

### • TUTORIAL CLASSES AND ACADEMIC CONSULTATION PROGRAM

The University of Tabuk, Faculty of Applied Medical Sciences, Department of Health Rehabilitation Sciences in its commitment to provide quality education, focuses on higher education and student achievement. Along this premise, the university has come up with an academic enrichment program in the form of tutorial classes and academic consultation led by trained, knowledgeable and experienced educators. This is in response to develop the students to the optimum level of education. This type of academic enrichment program centers on study skills improvement. Moreover, it answers the need of some academically challenged college students who find some courses extremely complex to learn. The program will also assist students in meeting solutions to whatever academic problems they may encounter with the goal of achieving satisfactory, if not excellent grades in academic subjects. Solutions to academic problems related to enrollment and registration are also part of this program with assigned Academic Affairs and Year Level Coordinators.

#### Objectives:

This program specifically is aimed to:

- Assist in making students excel better in school;
- Help academically-challenged students pass their subjects and examinations;
- Coach students to improve comprehension, understanding and progress in their school lessons;
- Develop their study skills through discussion with a tutor;
- Help the teacher identify the strength and weakness of individual students;
- Provide a relaxed and casual atmosphere that would make the students feel comfortable, thus focus on their lessons;
- Establish a feedback loop for continuous improvement of the tutorial program; and
- Solve registration and enrollment problems of the students.

## NATURE OF TUTORIAL CLASS

The group approach in a group of three to a maximum of eight being performed helps the students in understanding their lessons better, as opposed to a classroom setting. This is supportive of releasing the pressure the students experience when they are in the classroom setting where it ended up in competition with majority of classmates. This is supplemental to a large lecture course which provides the students the opportunity to discuss the lectures and/or additional readings in smaller groups.

### Guidelines:

- The teacher handling a specific course identifies a potential group of students as tutees (student with a grade of 72 or lower in a specific term).
- The teacher issues a duly accomplished appointment slip to the potential group of tutees.
- Before reporting for the scheduled class, as based on the availability of the teacher on the bulletin board for tutorial classes, the group presents the appointment slip to the office secretary who informs the concerned teacher. As soon as the teacher confirms the scheduled class, the secretary will assign a vacant room for the tutorial session and inform the concerned teacher and group of tutees. In addition, the tutees before coming to the class are expected to:
  - Be on time;
  - Be prepared;
  - Bring texts or other necessary materials;
  - Meet the teacher “halfway” by doing the homework first, and having ready, prepared questions prior to the scheduled session. Each tutee is entitled to have the opportunity to ask question, and that there is no such thing as a dumb question; and
  - Come to tutorial with clear ideas about what they need to develop and ask the teacher questions in order to get the most out of the appointment.
- The group before proceeding to the assigned room, signs the log book at the office for official registration.



- The amount of time allotted for the group shall not be more than 45 minutes per session on two sessions per week.
- After the tutorial class, the teacher fills out the logbook indicating the course subject matter /topic taken and the tutorial strategies used

to cope with the problem. The follow-up session and the amount of time spent for this will be at the discretion of the tutor and the progress made by

the student in a particular subject.

- Finally, the supervisor/department head, together with the teacher concerned discuss the academic progress of each student availing the program and prescribes course of action to resolve the problem when no progress is observed.
- For serious tutorial problems, the counselee is referred to the Academic Counseling Committee.
- The tutee cannot expect a tutor to “guarantee” that they will pass the course tutored. The primary responsibility of passing the course is the tutees.

## NATURE OF ACADEMIC CONSULTATION

The drop-in session approach has a dual role. It is conducted to solve academic problems related to the performance of the students and to solve registration and enrollment issues. This is based on the availability of the teacher concerned on the bulletin board for academic consultation/tutorial classes are available on a first come, first served basis. Furthermore, it is a one-on-one approach being conducted privately so the student may comfortably ask questions without being shy or apprehensive which aids the students in understanding their lessons better. The setup is more relaxed and casual; any student would feel more comfortable and focus to their lessons. The counseling may be done on the academic counseling room. This approach is also suitable for quick queries and any urgent questions.

### Guidelines:

- A potential counselee should have a grade of 60 or below in a particular subject in a specific term.
- The counselee accomplishes an academic counseling form at the office, presents to the secretary and informs the teacher concerned.
- Before reporting for academic counseling, as based on the availability of the teacher on the bulletin board for academic counseling, the counselee

presents the appointment slip to the office secretary who informs the concerned teacher. In addition the counselees are expected to :

- Be prepared;
- Bring texts or other necessary materials;
- Meet the counselee “halfway” by preparing questions prior to the

drop-in session. The counselee on a follow-up session shall have done the

homework if assigned; and

- Come to the counseling session I with clear ideas about what they need to develop and ask the teacher questions in order to get the most out of the session.
- The counselee proceeds to the Academic Counseling Room and signs the logbook for official registration.
- After the counseling, the teacher fills out the logbook indicating the academic problem and the action taken.
- The amount of time allotted for the counselee shall not be more than 30 minutes per session on two sessions per week.
- Follow-up for this will be at the discretion of the teacher and the progress made by the student in a particular subject.
- Finally, the supervisor/department head, together with the teacher concerned discuss the academic progress of each student availing the program and prescribes course of action to resolve the problem when no progress is observed.
- For serious academic problems, the counselee is referred to the Academic Counseling Committee.
- The counselee cannot expect a teacher to “guarantee” that they will pass the course.
- The primary responsibility of passing the course is the counselee.



- **MEDICAL CLINIC**

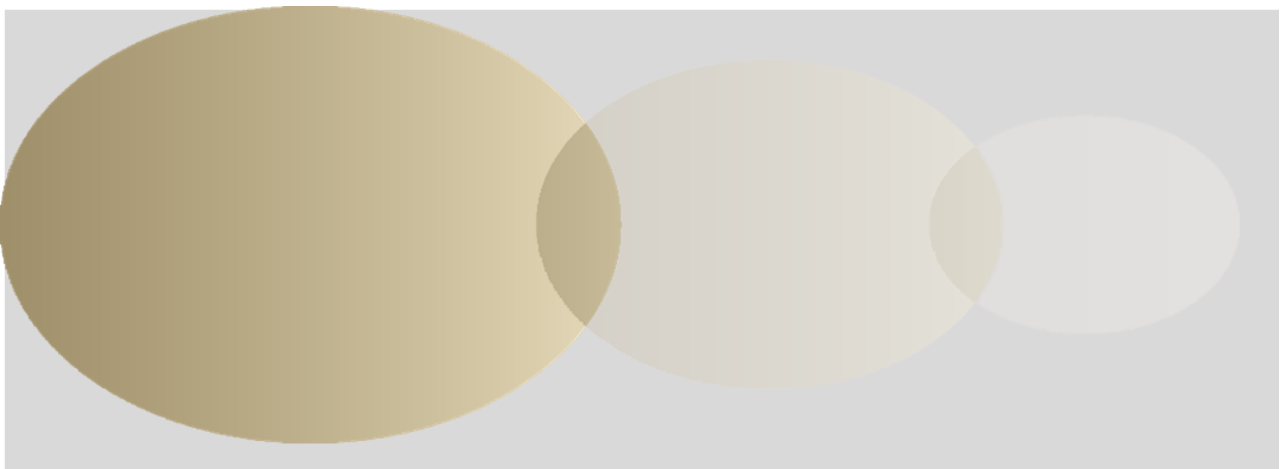
A school-based Medical Clinic headed by a doctor and nursing staff is available to provide basic medical care to all students and faculty members. Medical records are properly kept respecting the rights and privacy of each school client. After prescribing proper treatments they are referred to the specialist if required. The Medical Clinic is just a building away from the FAMS building. An accessible emergency number is posted in the department bulletin for easy access in case of emergency.

- **CAFETERIA**

A cafeteria which offers nutritious and affordable foods is available in the school canteen. Proper handling and storage of food is of utmost concern to prevent school-related diseases from these consumables.

- **PRAYER ROOM**

Prayer rooms provided in every corner and are suitable for prayer and worship. They have sufficient spaces for students to pray and quiet enough to concentrate on prayers.



# PROGRAM REQUIREMENTS


## • ADMISSION REQUIREMENTS

Students are admitted on the basis of their individual qualifications as, the university requires evidence of general competence, motivation, and capability. Aside from grades and test scores, preference shall be given to those who are properly motivated evincing an interest to learn, and have consistently demonstrated a genuine concern to follow University of Tabuk's standards.

As a general rule, any qualified students must take and satisfactorily pass their first-year courses for them to proceed in the PT program. The university has the right to select those who apply, and the prerogative to refuse admission or readmission of any student whose qualifications do not meet University standards. The status as admitted and enrolled is compromised if the student evinces a conduct or attitude not to abide with or reject university's policies, rules and regulations.

Students are admitted on the basis of their individual qualifications and depending on the number of seats assigned by the University Council and a decision issued is yearly by the University Council.

All Applicants must: (for PREPARATORY)

- Have Secondary School Certificate or its equivalent (from the Kingdom or from outside the kingdom);
  - Have obtained the secondary school certificate within the same year or one year maximum;
  - Before application (exceptions are decided by the University Council);
  - Have good moral character and attitude;
  - Pass the University Entrance Examination;
  - Pass any test or interview planned by the university;
  - Be full-time status; and
  - Provide any documents requested by the university;
- 

• ATTENDANCE AND COMPLETION REQUIREMENTS

Attach a handbook or bulletin description of requirements for:

- Attendance.
- Progression from year to year.
  - Program completion or graduation

requirements. Attendance

The university requires that every student attends no less than 75% of the class days required for every subject to earn the corresponding credits. Students who incur an accumulated absence (excused and unexcused) of more than twenty-five per cent (25%) prescribed number of class hours in a given semester shall be DROPPED. See illustration below:

Units Taken	Allowable Hours of Absence	Considered Dropped
5	20 hours	more than 20 hours
4	16 hours	more than 16 hours
3	12 hours	more than 12 hours
2	8 hours	more than 8 hours
1	4 hours	more than 4 hours

All students are required to attend classes promptly and regularly from the first meeting up to the end of every course.

A student is considered late if he/she arrives within 30 minutes after the scheduled time. A student who has been late thrice shall be considered to have incurred a full absence and shall be recorded against the student.

A student is considered absent if she/he arrives more than 30 minutes after the scheduled time. The number of hours the student incurs that day is equivalent to the number of hour/s of the lecture of that day. The student is allowed to attend the class but not allowed to take the quiz if there's any. An excuse slip shall be required before a student is readmitted to the same class. Work or independent study may be given to the student at the instructor's discretion.

The following shall be considered as excused absences other than that are considered unexcused.

- If a student officially represented the school at some functions or activities.
- Illness duly certified by the physician at an accredited university government health agency. Illness duly certified by another physician, parent, or guardian and personal emergencies will be considered on a case-to-case basis. The inclusive dates of the certificate must be within the lecture day when the student was absent.
- Death or impending death of a family member, force majeure/emergency cases.

Absent on the day of examination:

- Student must submit a letter with attached reason/s of absence to the Department head for endorsement to the Committee who shall evaluate and decide whether the given reason/s is considered as excused or unexcused absence.
- Excused Absence- the student will be given a separate set of examination and schedule on the availability of both student and lecturer. Deduction to his grade is not applicable.
- Unexcused Absence- the student will be given a separate set of examination and schedule on the availability of both student and lecturer, upon the approval of Supervisor based on the presented approved excuses.

## PROGRESSION FROM YEAR TO YEAR

Admission to higher levels

- All subjects in levels I and II taken at the First Year must be passed prior to continuation to the professional course or level III program at the University. Pre-requisite courses apply in every level before advancing to a new level.
- All incoming sophomore (2nd Year) students must obtain a good GPA until they continue with their year levels.



## PROGRAM COMPLETION

A student has completed the program if he/she has satisfied the requirements prescribed by the Ministry of Higher Education program for the degree of Bachelor of Science in Physical Therapy.

Requirements include:

- Completion of 141 credit hours academic subject offerings:  
First Year Preparatory Courses = 33 credit hours  
2nd year Level = 36 credit hours  
3rd Year Level = 36 credit hours  
4th Year Level = 36 credit hours
- Completion of one (1) year- Specialized Internship Program

## GRADING SYSTEM AND DISTRIBUTION OF GRADES

No	Component	Distribution		Total Mark
		Theoretical	Practical	
1	Midterm Examination	20	10	30
3	Evaluation/Activity	5	5	10
4	Practical/Laboratory (Final)		20	20
5	Final Examination	40		40
TOTAL MARK				100

## GRADING SYSTEM AND GRADING POINT AVERAGE

Summary for Grading System and Codes:

Course Grade	Grade	Weight	Mark
High Excellent	A+	5.00	95-100
Excellent	A	4.75	90 less than 95
High Very Good	B+	4.50	85 less than 90
Very Good	B	4.00	80 less than 85
High Good	C+	3.50	75 less than 80
Good	C	3.00	70 less than 75
High Pass	D+	2.50	65 less than 70
Pass	D	2.00	60 less than 65
Fail	F	1.00	Less than 60
In Progress	IP		
In Complete	IC		
No Grade Pass	NP		
No Grade fail	NF		
Withdrawn	W		
Denied	DN		

- The final mark achieved by each student for a given course will be scored out of a hundred.
- Each grade included in GPA calculation is given a weight.

- Students, who did not complete all the requirements to take a grade for a specific course will be given an “In-Complete” temporary grade, code “IC” for that course.
- Students must complete the requirements of that specific course no later than the end of the following semester. Otherwise, the “Fail” grade, code “F” will be automatically assigned. This will be calculated within the semester and the GPA.
- Students who are taking a course that takes more than one semester to complete its requirement will be given an “In-Progress” temporary grade, code “IP” for that course.
- When a student drops the semester, all registered courses will be given “Withdrawn” grade, with a code of “W”.
- Cumulative GPA: Total courses points of all semesters / Total courses credits of all semesters.
- Semester GPA and cumulative GPA are out of five.
- The overall graduation grade, assigned according to the last cumulative GPA, is out of five and can be described as a “grade” according to the following classification:
  - “Excellent” for GPAs 4.50 and above.
  - “Very Good” for GPAs from 3.75 – 4.50
  - “Good” for GPAs from 2.75 to less than 3.75
  - “Satisfactory” for GPAs from 2.00 to less than 2.75

## SEMESTER DROP AND WITHDRAWAL

- Semester drop is the process by which students can drop all courses already registered for the current academic semester for valid reason that is acceptable to the Dean.
- The students can drop one semester and not be considered as failed when he/she provides an acceptable reason that is accepted by the department and the Dean.
- The student is allowed to drop two following semesters, but this should be at least three weeks before the final exams.
- The student is not allowed to drop more than two following semester s or three alternate semesters.
- The student is allowed to withdraw from one course or more according to the following:
  - Approval of the Dean
  - The student provides a request for withdrawal before the end of the determined withdrawal dates for the semester.
  - The student is given (W) for this course
- A student may be dismissed from the college in one of the following cases:
  - If she/he receives, at most, 3 consecutive academic warnings due to a drop in the cumulative GPA below the minimum of (2 out of 5) and the Faculty's Council may provide a fourth chance for the student who can improve the cumulative GPA according to the following conditions:
    - Providing an acceptable reason for the faculty.
    - Student's marks were improved in the last two semesters (total score of the two semesters is not less than 2 out of 5).
- If the student does not complete graduation requirements during a period which is a maximum of half the period specified for graduation, on top of the program period, then the Curriculum and Evaluation Committee may give the student an exception to complete graduation requirements with a maximum of no more than double the period originally specified for the graduation according to the following conditions:
  - Providing an acceptable reason for the faculty.

- Student's marks were improved in the last two semesters (total score of the two semesters not less than 2 out of 5).

# ANNUAL USUAL CALENDAR OF ACTIVITIES

## Fall Semester (First Semester)

Day	Activities
Sun-Thurs	First Semester Begins Orientation week Distribution of Course Syllabus, Course Specification and Field Experience Specification Adding and dropping of courses- no late fee will be charged
Sun-Thurs	Adding and dropping of courses- late fee will be charged
Fri-Sat	Eid Al Adha Holiday, No classes
Tue	Saudi Arabia National Day
Sunday	Classes resume
Sun-Thurs	Midterm Examination for Practical Courses
Sun-Thurs	Midterm Examination for Theoretical Courses
Thurs	Last day for dropping enrolled courses
Sun-Thurs	Final Examination for Practical Courses
Sun-Thurs	Final Examination for Theoretical Courses
Thurs	First Semester ends
Sun-Thurs	Mid Year break, No classes

## Spring Semester (Second Semester)

Day	Activities
Sun	Second Semester begins Orientation week Distribution of Course Syllabus, Course Specification and Field Experience Specification Adding and dropping of courses- no late fee will be charged
Sun-Thurs	Adding and dropping of courses- late fee will be charged
Sun-Thurs	Midterm Examination for Practical Courses
Sun-Thurs	Midterm Examination for Theoretical Courses
Thur-Sat	Spring Break, No classes
Sun	Classes resume
Mon-Thurs	First International Nursing Conference
Thurs	Last day for dropping enrolled courses
Sun-Thurs	Final Examination for Practical Courses
Sun-Thurs	Final Examination for Theoretical Courses
Thurs	Second Semester ends

