

**University of Management and Technology**

**Course Outline**

**Course code: PT 326**

**Course title: PERFORMANCE**

|  |                               |
|--|-------------------------------|
| Program                                  | BS Aviation Professional Plot |
| Credit Hours                             | 3-0                           |
| Duration                                 | 01 Semester                   |
| Prerequisites                            | Nil                           |
| Resource Person                          | TBD                           |
| Counseling Timing<br><br>(Room#        ) | TBD                           |
| Contact                                  | TBD                           |

**Chairman/Director signature.....**

**Dean's signature.....**

**Date.....**



### Learning Methodology:

1. Learning methodology will include interactive class sessions followed by Power Point Slides containing Flight videos.
2. Students would be regularly evaluated through quizzes to keep them in pace with the course flow.

### Grade Evaluation Criteria

Following is the criteria for the distribution of marks to evaluate final grade in a semester.

| Marks Evaluation     | Marks in percentage | Details                   |
|----------------------|---------------------|---------------------------|
|                      |                     |                           |
| Quizzes (x 4)        | 15%                 | QUIZ 1: CLO 1             |
|                      |                     | QUIZ 2: CLO 2             |
|                      |                     | QUIZ 3: CLO 2             |
|                      |                     | QUIZ 4: CLO 3             |
| Assignments (x3)     | 10%                 | Assignment 1: CLO 1       |
|                      |                     | Assignment 2: CLO 2       |
|                      |                     | Assignment 3: CLO 3       |
| Mid Term Examination |                     | 35% (CLO1 , CLO2 )        |
| End Term Examination |                     | 40% (CLO1 , CLO2 , CLO3 ) |
| Total                |                     | 100%                      |

### Recommended Text Books:

EASA textbook for the PERFORMANCE (AEROPLANE). Soft copies will be provided

### Reference Books:

EASA Oxford

### Course Curriculum Reference:

Please Visit Pakistan Civil Aviation Authority (PCAA), Learning Objectives (LOs) for Personnel Licenses – ATPL, MPL, CPL (Aero plane And Helicopter).

### Calendar of Course contents to be covered during semester

Course code: PT 326

Course title: Performance

| Week | Course Contents   | Reference Chapter(s) as per PCAA Learning Objectives | Course Learning Objective (CLO) |
|------|---|--|---------------------------------|
| 1    | Performance Legislation and General Performance Theory  | 032 01 01 00, 032 01 01 02                           | CLO 1                           |
| 2    | Stages of Flight, Definitions, Terms and Concepts, Variables Influencing Performance, QUIZ 1 , Assignment 1 | 032 01 02 01 to 032 01 02 03                         |                                 |
| 3    | Performance Class B – Single Engine Aeroplanes  | 032 02 01 00 to 032 02 03 00                         | CLO 2                           |
| 4    | Performance Class B – Single Engine Aeroplanes  | 032 02 03 00, 032 02 05 00                           |                                 |
| 5    | Performance Class B – Single Engine Aeroplanes QUIZ 2   | 032 02 05 05   |                                 |
| 6    | Performance Class B – Multi-Engine Aeroplanes   | 032 03 01 00   |                                 |
| 7    | Performance Class B – Multi-Engine Aeroplanes, Assignment 2   | 032 03 02 00   |                                 |
| 8    | Performance Class B – Multi-Engine Aeroplanes   | 032 03 03 00   |                                 |
| 9    | Climb, Cruise, and Descent / Mid Term   | 032 03 03 02, 032 03 03 03                           | CLO 3:                          |
| 10   | Performance Class A - Large Aeroplanes  | 032 04 01 00   | CLO 2                           |
| 11   | Performance Class A - Large Aeroplanes  | 032 04 02 00   |                                 |
| 12   | Performance Class A - Large Aeroplanes  | 032 04 03 00   |                                 |
| 13   | Performance Class A - Large Aeroplanes, QUIZ 3  | 032 04 04 00   |                                 |
| 14   | Descent and Approach and Landing  | 032 04 05 00, 032 04 06 00                           | CLO 3:                          |
| 15   | Landing Field-Length Requirement  | 032 04 06 02   |                                 |
| 16   | Landing Distance and Ground-Roll Distance, QUIZ 4 , Assignment 3  | 032 03 03 04   |                                 |
| 17   | Final Term  | CLO 1 , CLO 2 , CLO 3                                |                                 |

## Class Policy

**STUDENTS ARE REQUIRED TO READ AND UNDERSTAND ALL ITEMS OUTLINED IN THE PARTICIPANT HANDBOOK**

**CLASS ATTENDANCE:** Students need to be in class at the assigned time. After 10 minutes past the assigned time, the students will be marked absent.

**TURN OFF MOBILE PHONE!** It is unprofessional to be texting or otherwise.

**READ EMAILS!** Participants should regularly check their university emails accounts regularly and respond accordingly. Students would be responsible if they miss a deadline because of not reading the emails.

**CLASS ATTENDANCE POLICY:** A minimum of 75% attendance is required for a participant to be eligible to sit in the final examination. Being sick and going to weddings is absence and will not be counted as present. Participants with less than 75% of attendance in a course will not be allowed to take end term exams. International students who will be leaving for visa during semester should not use any days off except for visa trip to avoid reaching short attendance.

**MOODLE:** UMT –LMS (Moodle) is an Open Source Course Management System (CMS), also known as a learning Management System (LMS). Participants should regularly visit the course website on MOODLE Course Management system, and fully benefit from its capabilities. In case of any problem while using MOODLE, visit <https://lms.ugt.edu.pk/login/index.php>.

**HARASSMENT POLICY:** Sexual or any other harassment is prohibited and is constituted as punishable offence. Sexual or any other harassment of any participant will not be tolerated. All actions categorized as sexual or any other harassment when done physically or verbally would also be considered as sexual harassment when done using electronic media such as computers, mobiles, internet, emails etc.

**USE OF UNFAIR MEANS/ HONESTY POLICY:** Any participant found using unfair means or assisting another participant during a class test/quiz, assignments or examination would be liable to disciplinary action.

**PLAGIARISM POLICY:** All students are required to attach a “Turnitin” report on every assignment, big or small. Any student who attempts to bypass “Turnitin” will receive “F” grade which will count towards the CGPA. The participants submit the plagiarism report to the resource person with every assignment, report, project, thesis etc. If student attempts to cheat Turnitin, a second “F” will be awarded that will count towards the CGPA. There are special rules on plagiarism for final reports etc. all outlined in your handbook

**COURSE WITHDRAWAL POLICY:** Students may withdraw from a course till the end of the 12th week of the semester. Consequently, grade 'W' will be awarded to the student which shall have no impact on the calculation of the GPA of the student. A Student withdrawing after the 12th week shall be automatically awarded "F" grade which shall count in the GPA.

**COMMUNICATION OF RESULTS:** The results of quizzes and assignments are communicated to the participants during the semester and answer books are returned. It is the responsibility of the course instructor to keep the participants informed about his/her progress during the semester. The course instructor will inform a participant at least one week before the final examination related to his or her performance in the course.

**Date.....**