Menoufia University
Faculty of Electronic Engineering
Department of computer science & engineering

جامعة المنوفية
كلية الهندسة الإلكترونية
قسم هندسة وعلوم الحاسب

ANNUAL COURSE REPORT

(Computer Operating Systems)

A- Basic Information

1. **Title and Code**   Computer Operating Systems - CSE368

2. **Programme(s) on which this course is given**   CSE

3. **Academic year / Level of programme**   3st year-2nd semester

4. **Units/Weekly hours**

   Lecture | 2 | Tutorial/Practical | 2 | Total | 4 |

5- **Names of lecturers contributing to the delivery of the course**

   Dr. Mervat Mousa

   Course coordinator: Dr. Mervat Mousa

   External evaluators: Prof. Fawzy Tork

   Statistical Information .

   No. of students attending the course: No. | 223 | % | 100 |

   No. of students completing the course: No. | 210 | % | 94.1 |

   Results:

   Passed: No. | 169 | % | 75.8 | Failed: No. | 41 | % | 18.4 |

   Grading of successful students:

   Excellent: No. | 5 | % | 2.3 | Very Good: No. | 12 | % | 5.4 |

   Good: No. | 30 | % | 13.4 | Pass: No. | 122 | % | 54.7 |

B- Professional Information

1. Course Teaching

Content Topics	No of hours	Lecturer	Tutorial/ Practical	Achieved ILOs
A practical introduction to modern operating systems, with a substantial laboratory component, primarily using UNIX and the C++ programming language-	4	2	2	a1, a13,a14
Programming with multiple "threads" of execution -	8	4	4	a1, a14, a16
synchronization/sharing primitives -	4	2	2	b2
pitfalls of multithreaded software - Operating system design -	8	4	4	a16, b2, c1,c14, c15, d6
management of threads of execution, including scheduling algorithms -	12	6	6	a16, b1, b2, c1, d2, d6
management of shared and unshared memory - virtual memory	12	6	6	a13, a16, b1, b2, b13, c1, d2, d6
- file system management - input and output – security	8	4	4	a16, b1, b2, b13, c1, d2,d6
Total Sum	**56**	**28**	**28**	

Topics taught as a percentage of the content specified:

≥90 % | √ | **70-90 %** | | **<70%** | |

2. Teaching and Learning Methods:

Lectures: | √ |

Practical Training/ Laboratory: | √ |

Seminar/Workshop: | |

Class Activity: | √ |

Case Study: | √ |

Other Assignments/Homework: | √ |

Case Study
Other assignments/homework:
A real world project assigned.

3. Student Assessment:

Method of Assessment	Percentage of total
Written examination	70
Midterm exams	10
Oral Examination	10
Practical/laboratory work	0
Other Assignments/class work	10
Total	100 %

Members of Examination Committee:
Mervat mousa

Role of external evaluator:
The external evaluator was not effectively involved in the student examination assessment in the last academic years.

4. Facilities and Teaching Materials:

Totally adequate	√
Adequate to some extent	
Inadequate	

5. Administrative Constraints

- Students need extra hours to implement their exercises.
- Insufficient Lab. Technicians.

6. Student Evaluation of the course: Response of Course Team

Student Evaluation	Response of Course Team
- Lack of practice problems and exercises - no real systems implementation.	- An extra exercises and solved problems are added to the Tutorial and practical part of the course. - Training the students to face and implement many real world problems via practical projects.

7. Comments from external evaluator(s):

Response has not received.

8. **Action Plan for Academic Year 2012 – 2013**

Improvement Field	Weak points	Action required	Person Responsible	Completion Date
Quality of Teaching and Learning	Students attendance at lecture are not very good	- Engagement of students from different academic years to the curriculum development	- Faculty - Department	2013
Course content	Gap between up-to-date information and reference text books	- add more examples. - add small task projects mainly for real world problem solving.	Course coordinator	2013

Course Coordinator: Dr Mervat Mousa

Signature:

Date: /   /