





Benha University

# Distributed Computers CES 601

Computer Systems Engineering  
Electrical Engineering Department



Faculty of Engineering  
(at Shoubra)

- Course Title:** Distributed Computers
- Course Code:** CES 601
- Course Page:** <http://www.bu.edu/staff/islam.elshaarawy-courses>
- Instructor:** Dr. Islam ElShaarawy (<http://www.bu.edu/staff/islam.elshaarawy>)
- Main Textbook:** George Coulouris, Jean Dollimore, and Tim Kindberg, *Distributed Systems: Concepts and Design*. 5<sup>th</sup> Edition, Pearson Education, Inc., 2011, ISBN 978-0132143011.
- Online Resources:**
- <http://www.cdk5.net/wp/> 
- <http://ccl.northwestern.edu/netlogo/index.shtml> 

## Course Contents:

1. Characterization of Distributed Systems
2. System Models
3. Networking and Internetworking
4. Interprocess Communication
5. Remote Invocation
6. Indirect communication
7. Operating System Support
8. Distributed objects and components
9. Web services
10. Peer-to-peer Systems
11. Security
12. Distributed File Systems

## Attendance Policy:

1. Attendance is compulsory.
2. **Reading the relevant chapter(s) ahead of lectures is essential.**
3. Keeping track of whatever happens during the lectures is the student responsibility regardless of attendance.
4. **Leaked solution manual as well as any other resources (unless otherwise specified) should never be used for solving the assignments.**
5. Side talking, cellphones, laptops, food/drinks, and walking<sup>1</sup> are not allowed.



## Grading System:

<b>Attendance<sup>2</sup>:</b>	000
<b>Assignments:</b>	020
<b>Quizzes:</b>	020
<b>Midterm Exam:</b>	030
<b>Oral (Project):</b>	020
<b>Final Exam:</b>	210
<b>Total</b>	300

1 If you are late for the lecture, then you are allowed to walk into the lecture hall but quietly.  
 2 Attendance will be taken anyway.