

# King Fahd University of Petroleum & Minerals Computer Engineering Dept

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COE 402 – Computer System  
Performance Evaluation

Term 043

Dr. Ashraf S. Hasan Mahmoud

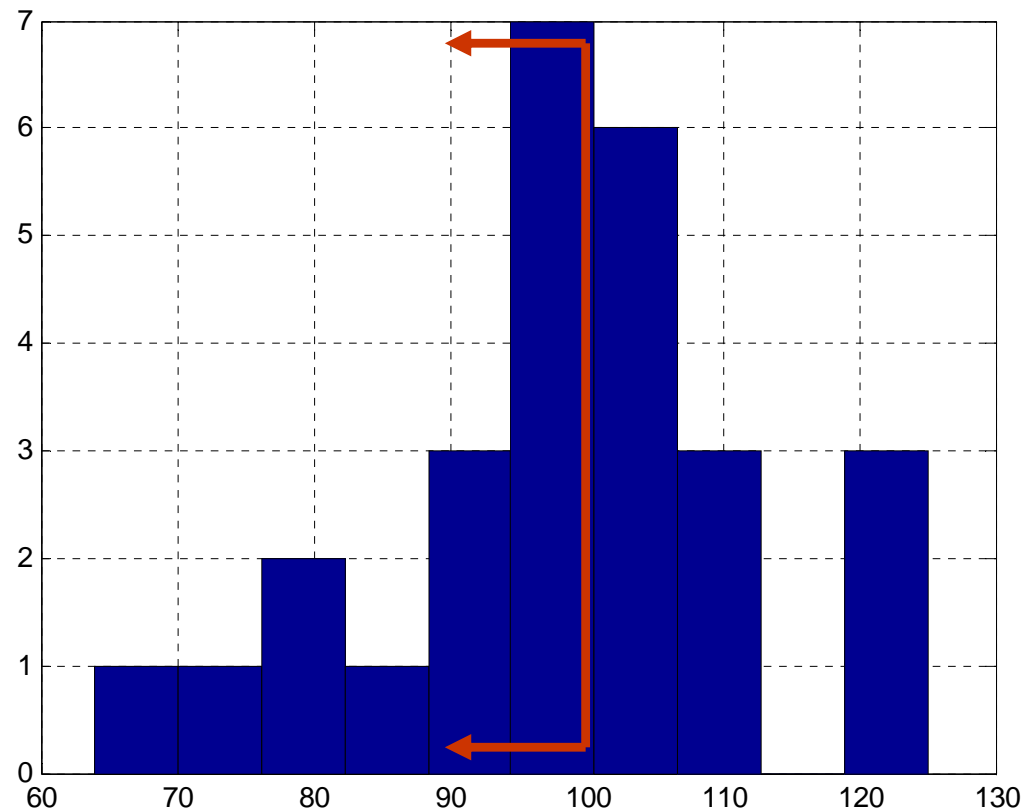
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# COE 402 – Major 2 Statistics

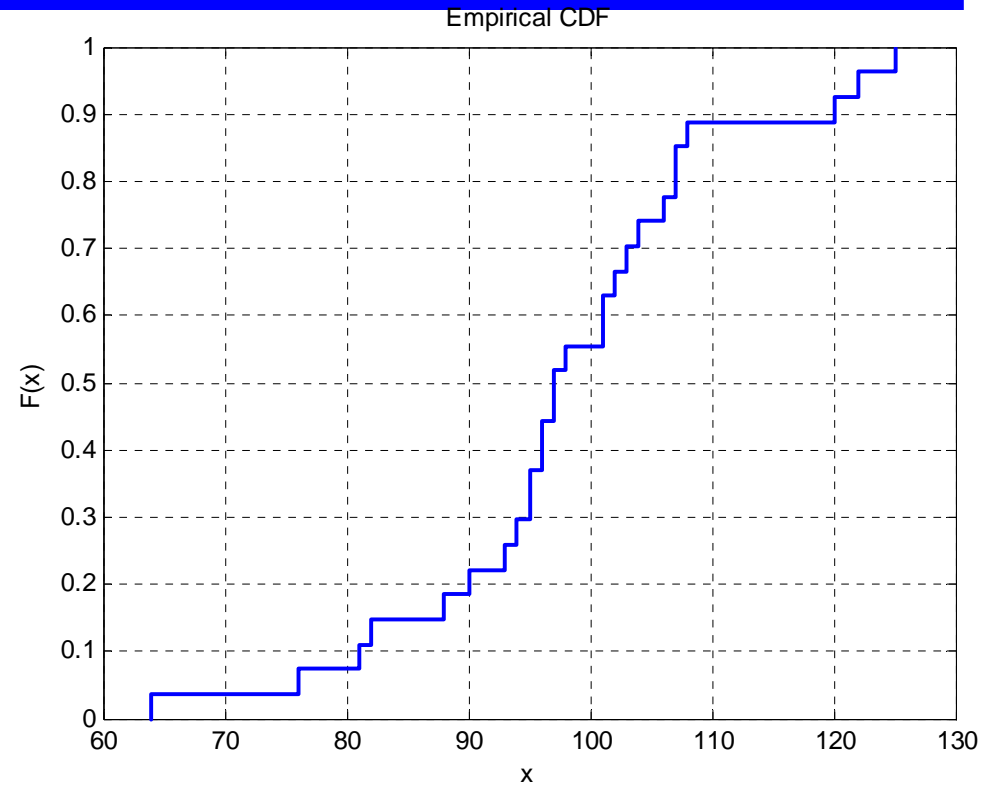
- No of papers = 27.
- Max mark = 125 ( 96.2%)
- Min mark = 64 ( 49.2%)
- mean mark = 98.1 ( 75.4%)
- 12 student (52%) higher than average
- 15 students (48%) lower than average
- Looks like a SYMMETRIC DISTRIBUTION



**If your mark is BELOW AVERAGE, then you are encouraged to work harder**

# COE 402 – Major 2 Statistics

- The median = 97 (50% lower than 97)



# COE 402 – Major 2 Statistics

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**Q: For what maximum confidence level we can say the students marks have improved compared to Major exam 1?**

- submit you full answer (accurate to 4 decimal fractional digits) showing your calculations by email (word or pdf file).
- Deadline Monday August 15<sup>th</sup>, 2005.
- Worth: 1 mark in the final exam.

Marks in Exam 1: {120 105 101 96 111 66 79 100 121  
86 77 106 91 82 81 81 81 81 97 90 103 63  
64 95 73 44 94}

Marks in Exam 2: {82 122 90 88 103 101 95 104 125  
95 97 120 76 96 94 107 93 98 107 106 108  
96 97 101 64 102 81}