

## **Assessment criteria for written tests**

To score positively on a written test a student has to get a mark between "5" (the highest) and "1" (the lowest positive).

All written tests' marks are taken into account when computing the final (term) score.

"5" - The student has a superb understanding of Control Systems' principles, models and methods and can use them for systems' analysis and/or synthesis. His/her answers are well-reasoned and correct. The student demonstrates capacity for independent thinking.

"4" - The student has a very good grasp of Control Systems' principles, models and methods and can use them for systems' analysis and/or synthesis. His/her answers are sufficiently well-reasoned and generally correct. However the student's answers may be somewhat lacking independent thinking.

"3" - The student has a good understanding of Control Systems' principles, models and methods and can use them for systems' analysis and/or synthesis. His/her answers are generally well-reasoned, but may contain individual errors. The student tends to produce solutions based on learnt patterns rather than by independent thinking.

"2" - The student has sufficient understanding of Control Systems' principles, models and methods and can use them for systems' analysis and/or synthesis. His/her answers contain (non-essential) errors and may not be well-reasoned. The student produces solutions based on learnt patterns rather than by independent thinking.

"1" - The student has basic understanding of Control Systems' principles, models and methods and can use them for systems' analysis and/or synthesis on the minimally-acceptable level.

S/he can solve typical problems using patterned thinking and needs help in putting his/her responses into words.

## **Assessment criteria for lab Works**

To score positively on a lab test a student has to get a mark between "5" (the highest) and "1" (the lowest positive).

All lab tests' marks are taken into account to form the final (term) score.

"5" - The student has a superb understanding of Control Systems' principles, models and methods and can use them for systems' analysis. The short report is correctly formatted. It contains a well-reasoned discussion of the experimental results. All conclusions are well-based, convincing and demonstrate the student's capacity for independent reasoning.

"4" - The student has a very good grasp of Control Systems' principles, models and methods and can use them for systems' analysis. The short report is mostly correctly formatted. It contains a mostly well-reasoned discussion of the experimental results. Conclusions are generally well-based and demonstrate some capacity for independent reasoning.

"3" - The student has a good understanding of Control Systems' principles, models and methods and can use them for systems' analysis. The report is generally correctly formatted. It contains conclusions that are generally well-based but may contain individual errors. The capacity for independent thinking may be somewhat limited, the student tends to follow patterns when solving problems.

"2" - The student has sufficient understanding of Control Systems' principles, models and methods and can use them for systems' analysis. The short report is formatted satisfactorily. It contains conclusions that are mostly supported, but contains (non-essential) errors. The capacity for independent thinking is limited, the student follows a few recognisable patterns when solving problems.

"1" - The student has basic understanding of Control Systems' principles, models and methods and can use them for systems' analysis on the minimally-acceptable level. The short report is formatted satisfactorily. It contains weakly supported conclusions. The student can solve typical problems using patterned thinking and needs help in putting his/her responses into words.

### **Assessment criteria for the written examination.**

To score positively on the written examination the student has to get a positive mark between "5" (the highest) and "1" (the lowest positive) for each question. The written examination mark is the average of the four marks obtained for answering individual questions.

"5" - The student has a superb understanding of Control Systems' principles, models and methods and can use them for systems' analysis and/or synthesis. His/her answers are well-reasoned and correct. The student demonstrates capacity for independent thinking.

"4" - The student has a very good grasp of Control Systems' principles, models and methods and can use them for systems' analysis and/or synthesis. His/her answers are sufficiently well-reasoned and generally correct. However the student's answers may be somewhat lacking independent thinking.

"3" - The student has a good understanding of Control Systems' principles, models and methods and can use them for systems' analysis and/or synthesis. His/her answers are generally well-reasoned, but may contain individual errors. The student tends to produce solutions based on learnt patterns rather than by independent thinking.

"2" - The student has sufficient understanding of Control Systems' principles, models and methods and can use them for systems' analysis and/or synthesis. His/her answers contain (non-essential) errors and may not be well-reasoned. The student produces solutions based on learnt patterns rather than by independent thinking.

"1" - The student has basic understanding of Control Systems' principles, models and methods and can use them for systems' analysis and/or synthesis on the minimally-acceptable level.

S/he can solve typical problems using patterned thinking and needs help in putting his/her responses into words.

**All written tests' and lab tests' marks are averaged into one single term mark.  
On certain conditions this term mark may proxy for the final examination mark.**

**The conditions are agreed upon during the first lecture of the term.  
The exam gives the student an opportunity to improve the term mark; however if the student fails at the exam the final mark is taken equal to the term mark.**

**To be allowed to take the written examination the student has to have all written tests and all lab tests done and marked at least "1".**