# MF2042, Embedded Systems for Mechatronics I, 6.0 credits

Course homepage: http://www.kth.se/student/kurser/kurs/MF2042?l=en_UK

## Course Evaluation, 2011-11-29

1. The course has been running during six weeks. Try to estimate how much time you have spent studying for the course, in average per week. This includes all lectures, labs and homework.

| Less than 10h | 10-15h | 15-20h | 20-25h | 25-30h | 30-35h | More than 35h |
|---|---|---|---|---|---|---|
| | | | | | | |

2. The course was divided into 6 themes. Give us an indication as to how relevant you found each theme for your education.

| Theme \ Value | Not relevant | Somewhat relevant | Relevant | Very relevant |
|---|---|---|---|---|
| 1: Introduction to AVR32 | | | | |
| 2: Programming is a Craft | | | | |
| 3: CAN | | | | |
| 4: Power Management | | | | |
| 5: Distributed Systems | | | | |
| 6: Model Based Development | | | | |

3. Give us an indication as to how the content of each theme met your initial learning expectations.

| Theme \ Value | Poor | Fair | Good | Excellent |
|---|---|---|---|---|
| 1: Introduction to AVR32 | | | | |
| 2: Programming is a Craft | | | | |
| 3: CAN | | | | |
| 4: Power Management | | | | |
| 5: Distributed Systems | | | | |
| 6: Model Based Development | | | | |

4. Give us any suggestions on how each theme can be improved in the future.

| Theme \ Value | |
|---|---|
| 1: Introduction to AVR32 | |
| 2: Programming is a Craft | |
| 3: CAN | |
| 4: Power Management | |
| 5: Distributed Systems | |
| 6: Model Based Development | |

5. Self-Assessment: These questions ask how well you achieved the learning goals of this course. Next to each objective listed, circle the number that best describes your accomplishment of that objective.

   1= Poor 2= Fair 3= Satisfactory 4 = Good 5 = Excellent

| | Course Learning Objectives |
|---|---|
| 1 2 3 4 5 | …Provide examples of existing embedded systems based products and describe the special requirements placed in developing such systems… |
| 1 2 3 4 5 | …describe and explain important steps in the design of embedded systems… |
| 1 2 3 4 5 | …be able to use modern integrated development environments for microcontroller programming and debugging… |
| 1 2 3 4 5 | …describe and explain basic operation of microcontrollers… |
| 1 2 3 4 5 | …be able to develop basic microcontroller programs for mechatronic applications… |
| 1 2 3 4 5 | …Describe, explain and apply basic concepts of concurrent and real-time programming… |
| 1 2 3 4 5 | …describe, explain and apply some of the basic concepts of communication protocols, in particular with reference to the CAN network… |

6. Course Evaluation: These questions ask about the course itself and its content. For each statement below, circle the extent to which you disagree or agree with each statement.

   1= Strongly disagree 2= Disagree 3= Neutral 4 = Agree 5 = Strongly Agree

| | Course Evaluation |
|---|---|
| 1 2 3 4 5 | The course content corresponded well to the course's stated learning goals |
| 1 2 3 4 5 | The course materials and handouts helped me achieve the course's learning goals |
| 1 2 3 4 5 | The way the course was organized facilitated my achieving its learning goals |
| 1 2 3 4 5 | The course content was applicable to my own goals for taking the course |
| 1 2 3 4 5 | The course was scheduled at day(s) and time(s) that fit well for my other commitments |
| 1 2 3 4 5 | The course was intellectually challenging |

7. What did you appreciate the most with the course?

8. What did you appreciate the least with the course?