

2012-13 Mechatronics Track Course Evaluation - MF2042 (Embedded System)

Please answer the questions below to help us evaluate the course (and it's role in the Mechatronics Track).



Section 1: Overall Course Set-up

1. Estimate how much time you spent PER WEEK on this course (including lectures, labs and homework). *

- less than 10 hours per week
- 10-15 hours per week
- 15-20 hours per week
- 20-25 hours per week
- 25-30 hours per week
- 30-35 hours per week
- more than 35 hours per week

2) The stated learning goals for the course... *

	Strongly Disagree	Disagree	Agree	Strong Agree
a) ... corresponded well to the course content	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
b) ... were well supported by the course materials and handouts	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
c) ... were well supported by the way the course was organised.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

3. The LAB content was... *

	Strongly Disagree	Disagree	Agree	Strongly Agree
a) ... relevant to the course and improved my understanding.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
b) ... in pace with the course material / lectures	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

4. The course... *

	Strongly Disagree	Disagree	Agree	Strongly Agree
	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

	Strongly Disagree	Disagree	Agree	Strongly Agree
a) ... had a reasonable workload.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
b) ... was intellectually challenging.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
c) ... has developed my problem-solving skills.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
d) ... has sharpened my analytical skills.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Section 2a: Course-specific Learning Objectives

5. Based on the learning objectives laid out in the Course Plan, please choose the option that best describes YOUR accomplishment of each objective. *

	I have not met this objective	I have partially met this objective	I am comfortable with this now	I am good at this now	I excel at this now!
a) I am able to provide examples of existing embedded systems based products and describe the special requirements placed in developing such systems.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
b) I am able to describe and explain important steps in the design of embedded systems.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
c) I am able to use modern integrated development environments for microcontroller programming and debugging.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
d) I am able to describe and explain the basic operation of microcontrollers.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
e) I am able to develop basic microcontroller programs for mechatronic applications.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
f) I am able to describe, explain and apply basic concepts of concurrent and real-time programming.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I am able to describe, explain and apply some of	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

I have not met this objective I have partially met this objective I am comfortable with this now I am good at this now I excel at this now!

the basic concepts of communication protocols.

Section 2b: Course Content

The course was divided into 5 themes.

6. How relevant did you find each theme for YOUR education? *

	Not relevant	Fairly relevant	Really relevant
a) Introduction to AVR32	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
b) Programming is a Craft	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
c) Power Management	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
d) Distributed Systems	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
e) Model Based Development	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

7. How did the content meet your initial learning expectations? *

	Poor Match	OK	Good Match	Excellent Match
a) Introduction to AVR32	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
b) Programming is a Craft	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
c) Power Management	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
d) Distributed Systems	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
e) Model Based Development	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

8 (a) The Introduction to AVR32 could have been better if...

Do you have any suggestions for improvements?

8 (b) The Programming is a Craft theme could have been better if...

Do you have any suggestions for improvements?

8 (c) The Power Management theme could have been better if...

Do you have any suggestions for improvements?

8 (d) The Distributed Systems theme could have been better if...

Do you have any suggestions for improvements?

8 (e) The Model Based Development theme could have been better if...

Do you have any suggestions for improvements?

Section 3: Your Thoughts on the Learning Experience

9. Looking back over the course and labs as a whole, please rate your feelings about the following statements. *

	strongly disagree	disagree	agree	fully agree
(a) I received a lot of valuable feedback on my progress and achievements	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
(b) To do well in this course, all you need is a good memory.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
(c) The course has made me feel more confident about tackling new and unfamiliar problems	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
(d) It was always clear what was expected of me in this course	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

	strongly disagree	disagree	agree	fully agree
(e) The staff made a real effort to understand any problems we had				
(f) This course has contributed to my overall education	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

10. What did you enjoy LEAST about this course? *

11. What did you enjoy MOST about this course? *