Short ANNUAL COURSE REVIEW REPORT

Note: new courses (those in their first or second year of running) must complete the full [Annual Course Review](#).

Programme Leaders for programmes that have accrediting body requirements may require course coordinators to complete the full [Annual Course Review](#) or add specific questions to this shortened form.

COURSE INFORMATION:

Course code	Course Title	Course Co-ordinator
EE3579	Electrical & Electronics Engineering Design	FV
Period of review: (*1st / 2nd half session (or summer term for PGT) and academic year*)		HS2

WHAT HAS WORKED WELL IN THE COURSE? **R**eflect on your course, taking account of student feedback (through whatever means this has been achieved) and comment on anything that you feel went particularly well and that other courses could benefit from. Reflect also on issues of decolonising the curriculum and their application within this course, and equality, diversity and inclusion.

Practical hands-on aspects of the course (kits with components made available to each student at the beginning of the term) is appreciated by most students. New components (including DC motors with speed sensors) have been introduced this year to replace earlier models that were often damaged by students.
The *"design, implement and test"* approach of this course is considered a positive by Industry contacts.
This is a basic course that applies basic concepts of object oriented-programming, open- and closed-loop systems, finite state machines, analog and digital electronics. I do not see any topic in this course that require decolonising or that poses equality, diversity and inclusion problems. I'm happy to take advise on that.

WHAT DO YOU THINK NEEDS FURTHER DEVELOPMENT IN THE COURSE? **R**eflect on your course, taking account of student feedback (through whatever means this has been achieved) and comment on anything that you feel could have gone better. Reflect also on issues of decolonising the curriculum and their application within this course, and equality, diversity and inclusion.

Despite the course (continuous) assessment remaining essentially the same (over the past 2-3 years), this year many students struggled to make even initial progress with both CA activities. It appears that important prerequisite knowledge (such as: object-oriented programming; open- and closed-loop systems) was not "absorbed" by most students, regardless of them passing the relative courses the previous term.
Current course structure assumes one introduction week and two 4-week blocks where CA activities are caried out (each "implementation" block is followed by one week of assessment). An alternative arrangement of CA activity is under consideration: opening "introduction/refresher" sessions (OO programming for CA1; and open- and closed-loop control for CA2) are introduced before each implementation block (adjusting its duration as required). This would also work better with next year academic calendar (and the revised position of the spring-break).

ANY PROPOSED CHANGES FOR NEXT YEAR: Summarise proposed changes planned in light of this review

Course content is arranged into separate activities. For each one there is a dedicated discussion board on MyAberdeen, where questions or comments can be posted: there are very few questions there. An additional discussion board, for comments related to the course (as a whole) will be introduced next year. Those tools need to be advertised better next year. See above for CA part.

Signed: .... *Fabio Verdicchio* .... Date: ..... 12 June 2024 ....

(Course Co-ordinator)

COPIES OF THIS FORM SHOULD BE:

1. UPLOADED TO THE [QUALITY AND PLANNING SHAREPOINT SITE](#) AS SOON AS POSSIBLE FOLLOWING COMPLETION OF THE COURSE. DEADLINES WILL BE DETERMINED BY THE SCHOOL, WITH AN OVERALL CENTRAL DEADLINE OF **31 AUGUST** (UG) AND **30 NOVEMBER** (PG)
2. PUBLISHED TO STUDENTS AND STAFF VIA MYABERDEEN
3. CONTRIBUTE TO THE ANNUAL PROGRAMME REVIEW

* Phase Co-ordinator for the MBChB curriculum; Interdisciplinary Degree Programme Co-ordinator, or Vice-Principal (Education) where appropriate.