Open Door Teacher

Dr Cesar Ortega-Sanchez  
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Science and Engineering  
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Cesar joined Curtin as Senior Lecturer in Computer Engineering in 2005. He has been unit coordinator of six units, including the Final Year Project units in his Department. He is well-known in his Faculty for being innovative and a risk-taker in the way he delivers his units. He was runner up for a Vice Chancellor’s Excellence and Innovation Award in 2013 for his work establishing and running the Curtin Robotics Club. Currently Cesar is Academic Director of the Engineering Foundation Year. In this position he is responsible for the quality of the students’ experience and efficient operation of the program. Cesar has taken several leadership roles in teaching and learning including Department Chair of Teaching and Learning and Associate Dean of Teaching and Learning for the Faculty of Science and Engineering. His areas of interest include: the role of extracurricular activities in engineering education, first year experience and the use of technology in the classroom.

Specialty areas of teaching

- Use of technology to run active learning activities in small classes
- Design of problem-based, collaborative, authentic laboratory experiences in electrical engineering

Description of teaching to showcase to others

Cesar invites you to observe his active learning sessions. During the first part of the session students present selected topics on embedded systems. Their peers provide feedback and ask questions about the content. In the second part of the session students engage in active learning activities involving reflection and team work. Cesar can also showcase his design of laboratory activities leading to students building a 'crazy machine'. Students work in teams and apply problem-based skills to construct their machines. Students learn how to conceive, design, implement and operate embedded systems, while having fun!

Open Door availability

Unit: Advanced Digital Design/CAE of Digital Systems  
Times Available: TBA  
Dates Available: TBA  
Location of Session: TBA  
Maximum available visitor number: 2  
Available for consultation: Directly after this session and can also be negotiated

Learn more about Cesar’s research interests and publications at:  

Please contact Cesar at C.Ortega@exchange.curtin.edu.au to request an Open Door session