

ADMINISTRATION	72	92%	Course Title:	Computing & Microelectronics		
VENUE	99	85%	Venue:	University of Southampton		
COURSE CONTENT	508	81%	Dates:	31st July - 4th August 2017		
SUMMARY	35.5	91%	# Male Students:	35	# Female Students:	12
			# Total Attending:	47	# New:	28
			# Male Forms Rtnd:	27		
OVERALL SCORE (EXCLUDING VENUE)		88%	# Female Forms Rtnd:	12		
OVERALL SCORE (INCLUDING VENUE)		87%	# Total Forms Rtnd:	39		
ADMINISTRATION	TOTAL	TOTAL %	EXCELLENT	GOOD	FAIR	POOR
	78		54	24	0	0
How helpful were the Joining Instructions?	39	89.7%	23	16	0	0
How helpful were the Supervisors & Smallpeice Trust staff?	39	94.9%	31	8	0	0
VENUE	TOTAL	TOTAL %	EXCELLENT	GOOD	FAIR	POOR
	117		59	45	12	1
How would you score your bedroom and bathroom?	39	77.6%	11	22	5	1
How would you rate the academic facilities?	39	94.9%	32	6	1	0
How would you rate the food?	39	81.4%	16	17	6	0
COURSE CONTENT	TOTAL	TOTAL %	EXCELLENT	GOOD	FAIR	POOR
	624		281	240	85	18
How To Build Your Robot	39	71.8%	10	17	9	3
Workshop: Mechanics	39	71.8%	10	15	13	1
Robot Hacking	39	87.2%	23	13	2	1
DVD Night	39	86.5%	22	14	2	1
Computer Vision & Biometrics	39	82.7%	15	22	1	1
Workshop: Python	39	69.9%	8	17	12	2
Workshop: Electronics	39	74.4%	11	19	6	3
BBQ	39	89.1%	23	15	1	0
Bowling	39	91.7%	27	11	1	0

Cyber Security & Hacking	39	93.6%	31	6	2	0
High Voltage Lab Tour	39	87.8%	22	15	2	0
Nanofabrication Clean Rooms Tour	39	80.8%	16	17	5	1
Boldrewood Towing Tank Tour	39	73.1%	11	16	10	2
Robotics Talk	39	67.9%	7	16	14	2
Drinks Reception & Formal Dinner	39	84.0%	19	15	5	0
Competition	39	90.4%	26	12	0	1
			MALES		FEMALES	
GENERAL INFORMATION	% MALES - YES	% FEMALES - YES	YES	NO	YES	NO
Has this course persuaded you to follow a career in this field of engineering?	70.4	58.3	19	8	7	5
Has this course increased your interest in engineering generally?	96.3	100.0	26	1	12	0
Course persuaded student to follow career in field of engineering? TOTAL STUDENTS %	66.7					
Course increased interest in engineering generally? TOTAL STUDENTS %	97.4					
Are you a member of any engineering club?			1	26	2	10
If so, which club/s are you a member of?						
Westminster Engineering Society.						
School Club. X 2						
SUMMARY	TOTAL	TOTAL %	EXCELLENT	GOOD	FAIR	POOR
What is your overall opinion of the course?	39	91.0%	25	14	0	0
COURSE INFORMATION: What activities/projects have been most valuable and why?		ADDITIONAL COMMENTS:				
Building robots out of wood.		Give clearer instructions on how to plan to make a robot.				
Tour was useful. X 2		Spread out more people who can code, some teams suffered. X 2				
Building the whole robot. X 2		More tutorage on all the electronics/soldering.				
I enjoyed the lectures. Informative and engaging. X 4		Advice from Source Bots was often conflicting.				
Speaking to the admissions tutor, Q&A session at dinner was invaluable. X 2		Anton and Marine Bio helper were very nice.				
Electronics, finally got a background in basic electronics.		Some learning of Python would be good. X 2				
Electronics. I learnt how circuits work. X 6		Teach me to solder.				

Electronics, as we learnt how to solder and connect different components. X 3	Company at formal dinner was good, food was bad.
Python workshop because it taught me to program at a much more advanced level. X 2	Especially liked supervisor George and Geraldine. As well as Anton, Charlie, Kier and Tariq.
Testing the robot as we were able to streamline our adjustments.	Showers vary temperature too much. Scalding or freezing. X 2
Workshops, because we asked for help and I learnt a lot.	Needed more explanation of how components work.
The main project was good, however the time scale was unreasonable.	Tariq, George, Anton and Jon were all especially great.
Robot hacking because you could choose what you wanted to do. Freedom and guidance. X 4	Vegetarian options were not great.
Testing and adjusting the robot got me used to how programming worked.	The staff were all very personable and helpful. The whole event was well planned and prepared.
Programming the robots, it was a real challenge. X 2	Use Arduino for the whole thing not Raspberry Pi.
The Cyber Security and Hacking Talk. X 2	George was amazing.
Actual robot building has inspired me to build my own at home.	Could have more directions for people not coming by car - distance to train stations etc.
Mechanics workshop, I do not get chance to do this at school.	There was no Microelectronics! X 2
All of it, because it gives an accurate representation of University life and facilities.	The course was perfect....apart from the showers! X 2
The robot hacking was very good and emphasised the need for team work.	I loved this course, very interesting. 10/10 best course I've been on. Tariq & Vik = Dream Team.
	Tariq was a very good course leader. The formal dinner was excellent.
	Really enjoyed it - thank you.
	Very enjoyable, has reinforced my positive opinion of Smallpeice courses.
	More structured workshops and clearer instructions needed.

## **SUPERVISOR FEEDBACK**

### **1. Venue**

Comments:	Enjoyed all activities, lectures and practical sessions.
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### **2. Ice-Breaker**

Comments:	Could a simple Icebreaker help introduce the project?
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### 3. Project Work

Comments:	Get the students to use Git so more than 1 computer can be used to program. More practice areas in the lab so they don't see the cube until Friday morning. Kids got stuck straight in and always had a smile on their faces. Programming was quite hard and more guidance was needed.
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### 4. Company Facilitators/Presentations

Comments:	Needed 1 SourceBot per team like last year. Always present and helpful. Lectures were interesting.
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### 5. Industrial Visits

Comments:	
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### 6. Social Activities

Comments:	Enjoyed everything.
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### 7. Any other aspects of the course

Comments:	
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