

# Lesson 1: Automated Systems

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Bridgend College  
Coleg Penybont



Scott Morgan

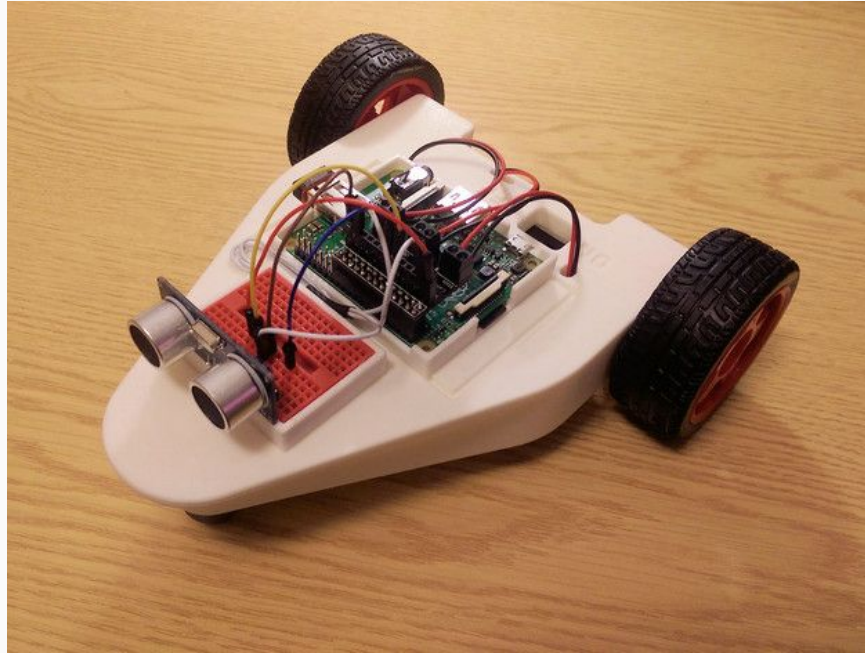
*Bridgend College*

*BTEC Extended Certificate: Automated Computer Systems (Unit 16)*

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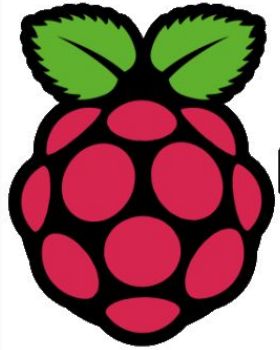
# The Aim:



The Methods:



# The Methods:

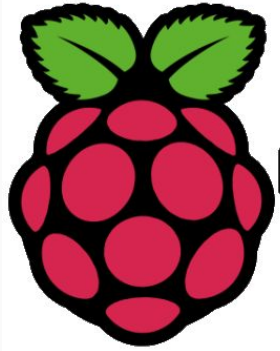


RaspberryPi



python™

# The Methods:



RaspberryPi



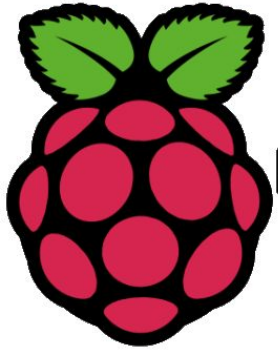
python™



# The Methods:



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**APACHE**<sup>®</sup>  
SOFTWARE FOUNDATION



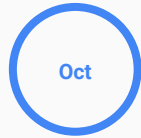
RaspberryPi



python<sup>™</sup>



# The Timeline:



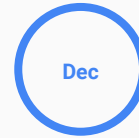
## Design

Robot and interface to be designed.



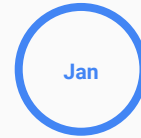
## Build

Physical build takes place.



## Improve

Update and improve software and hardware based on feedback.



## Run & Evaluate

Event takes place. Evaluate and justify methods.

# Design

*Start to design your robot car.*

- *Think about everything we've talked about so far.*
- *How will your design be achieved? Is it feasible?*

*More information at [scott3142.com](http://scott3142.com)*