Unit 1

| Lesson Plan | | | |
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| Name: | Learner 1 | | |
| Job Title: | Autonomous Vehicle Safety Operator (AVSO) | | |

| Date: |  | | |
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| Aim:  *(Overall goal?)* | Complete all Learning Outcomes required for Unit 1:   1. LO1 Drive an electric vehicle safely. 2. LO2 Prepare and drive an electric vehicle safely to a high standard. 3. LO3 Prepare and drive an autonomous vehicle in data collection. | | |
| Objective:  *(Steps taken to reach that goal?)* | 1. Undergo a high standard driving test to show your professionalism and ability to drive to the standards required here at Wayve 2. Be shown how to conduct a BUI of a vehicle and ensure its roadworthiness before heading out onto the road. 3. You will use your understanding of the systems to set up, and safely conduct a DC run to our HQ site. | | |
| Session:  *(What are you planning to do? What resources did you use?)* | Today you will be working towards successful completion of LO3.  You will learn how to correctly set up the vehicle in Data Collection mode and plot a route to the test site.  You will follow the sat nav correctly and ensure a high standard of driving is maintained throughout your time on the road | | |
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| Trainer  Feedback:  *(What Went Well & Areas Of Improvement)* | Overall today driving back from Millbrook to HQ was successful with some learning points discussed. During the high standard driving assessment, we initially talked about the need to stick to a steady speed and not fluctuate slightly up and down from the speed limit. Ish said he's always driven a manual car and is getting used to driving a powerful electric, automatic car.  He showed excellent observations when driving along and we discussed where we require blindspot checks, and these were implemented along the way.  We also spoke about hand positions on the steering wheel as Ish was driving with his hands at the bottom of the wheel, he positioned them better after we spoke about it.  Good drive Ish, continue with these standards and learning points we talked over.  - Focus on maintaining a high standard of driving and keep an eye on your speeds | | |
| Learner Self-Reflection: | During the autonomous vehicle safety operator trial session at Millbrook, I gained firsthand experience in monitoring and ensuring the safe operation of autonomous vehicles with the help of Shima from the quality assurance team. I learned how to identify potential hazards and make timely interventions to prevent accidents. | | |

Unit 2

| Lesson Plan | | | |
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| Name: | Learner 1 | | |
| Job Title: | Autonomous Vehicle Safety Operator (AVSO) | | |

| Date: |  | | |
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| Aim:  *(Overall goal?)* | Complete all Learning Outcomes required for Unit 2: 1. LO1 Prepare an autonomous vehicle for safe operation in a Closed Road Testing 2. LO2 Operate an autonomous vehicle in a Closed Road Testing environment | | |
| Objective:  *(Steps taken to reach that goal?)* | - Attend a Closed Road Testing (CRT) site and conduct Autonomous driving - Work through the required steps needed to setup a Autonomous Feature Test (AFT) test on the UI - Learn and put into practise the methods of intervening with the system - Safely carry out an AFT | | |
| Session:  *(What are you planning to do? What resources did you use?)* | Today you will attend the test site and we will show you how to set up an AFT through the steps required on the UI.  We will show you the areas we use on the site to ensure your understanding of the different areas.  We will have discussions around Interventions with the systems and carry out a couple of tes circuits s to make sure you are comfortable operating the system, that you feel in control to intervene with the system if necessary and we will start to build up your confidence | | |
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| Trainer  Feedback:  *(What Went Well & Areas Of Improvement)* | Following a nervous start to the day, Ish showed a good level of overall performance engaging, intervening and carrying out observations.  At the start, Ish was finding it difficult to engage in AV without having his foot on one of the pedals, however once Ish had got comfortable with the system his observations, and interventions got better.  Ish was trying to incorporate some Taxonomy into his interventions, and realises he needs to revise it more.  Overall, Ish performed very well today, safe and controlled actions on the system with no concerns for safety.  Well done Ish!   * Continue to intervene the moment the model does anything it shouldn’t * Learn the Taxonomy | | |
| Learner Self-Reflection: | The test gave me a real feel of what it is like to be out on public roads with all types of hazards. I was nervous at first but then got used to it. Few things I need to work on, but will have more practice on my next shift, overall I enjoyed it. | | |

[[1]](#footnote-0)

Unit 3.1

| Lesson Plan | | | |
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| Name: | Learner 1 | | |
| Job Title: | Autonomous Vehicle Safety Operator (AVSO) | | |

| Date: |  | | |
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| Aim:  *(Overall goal?)* | Complete all Learning Outcomes required for Unit 3: 1. LO1 Prepare an autonomous vehicle for safe operation in a Open Road Testing 2. LO2 Operate an autonomous vehicle in a Open Road Testing environment | | |
| Objective:  *(Steps taken to reach that goal?)* | - Head to Sommers Town to learn about on road testing. - You will be shown how to correctly setup an AFT for an Open Road Test, using the UI. - You will have the opportunity to demonstrate your ability to safely conduct testing. | | |
| Session:  *(What are you planning to do? What resources did you use?)* | During this session you will head out to Sommers Town and following successful competence at these test sites, you will conduct a Cali V2 test route. These environments will help you to further develop your skills as an AVSO. You will be shown how to set up an AFT, how to manually plot a route/load one from the UI pre planned maps and carry out a AFT of this route. | | |
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| Trainer  Feedback:  *(What Went Well & Areas Of Improvement)* |  | | |
| Learner Self-Reflection: |  | | |

Unit 3.2

| Lesson Plan | | | |
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| Name: | Learner 1 | | |
| Job Title: | Autonomous Vehicle Safety Operator (AVSO) | | |

| Date: |  | | |
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| Aim:  *(Overall goal?)* | 1. Conduct testing on Alpha Routes and Crouch End 2. Improve to the Driving standards required, ready for Unit 3 Assessment | | |
| Objective:  *(Steps taken to reach that goal?)* | - Have a discussion about the Driving standards required here at Wayve - Successfully demonstrate the required driving standards during AV testing.  - Expand routes to Alpha 1, 2 and Crouch End | | |
| Session:  *(What are you planning to do? What resources did you use?)* | During this session, Learners will head out and start conducting testing on Alpha, 1, 2 and Crouch end testing routes.  This session will continue with the development of your AVSO skills, changing to a more complex environment and maintaining Autonomous Driving for longer distances. | | |
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| Trainer  Feedback:  *(What Went Well & Areas Of Improvement)* |  | | |
| Learner Self-Reflection: |  | | |

Unit 3.3

| Lesson Plan | | | |
| --- | --- | --- | --- |
| Name: | Learner 1 | | |
| Job Title: | Autonomous Vehicle Safety Operator (AVSO) | | |

| Date: |  | | |
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| Aim:  *(Overall goal?)* | 1. Conduct testing on Finsbury Park and Upper Holloway routes 2. Increase testing speeds up to 30 and 40mph 3. Improve to the Driving standards required, ready for Unit 3 Assessment | | |
| Objective:  *(Steps taken to reach that goal?)* | - Successfully demonstrate the required driving standards during AV testing.  - Expand routes to Finsbury Park and Upper Holloway - Explore routes which use 30 and 40mph speed limits | | |
| Session:  *(What are you planning to do? What resources did you use?)* | During this session, Learners will head out and start conducting testing on Finsbury Park and Upper Holloway testing routes.  This session will continue with the development of your AVSO skills, changing to a more complex environment and maintaining Autonomous Driving for longer distances. | | |
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| Trainer  Feedback:  *(What Went Well & Areas Of Improvement)* |  | | |
| Learner Self-Reflection: |  | | |

Unit 3.4

| Lesson Plan | | | |
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| Name: | Learner 1 | | |
| Job Title: | Autonomous Vehicle Safety Operator (AVSO) | | |
| Date: |  | | |
| Aim:  *(Overall goal?)* | 1. Conduct testing on a Euston Route  2. Further show your ability to operate the Autonomous vehicle systems by conducting ‘Solo testing’ on our ALR routes. | | |
| Objective:  *(Steps taken to reach that goal?)* | - Expand routes to Euston Road  - Showcase your ability to successfully carry out testing of an autonomous vehicle when driving ‘solo’ | | |
| Session:  *(What are you planning to do? What resources did you use?)* | You will continue to develop your knowledge of more routes by conducting testing on the level 4 Euston route.  All being well that the learner has shown a successful ability to control the AV system to the required standard, they will now be able to head out and conduct ‘Solo On-road testing’. This will be a mixture of routes covered during their training, Alpha routes up to ALR’s. | | |
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| Trainer  Feedback:  *(What Went Well & Areas Of Improvement)* |  | | |
| Learner Self-Reflection: |  | | |

| Lesson Plan | | | |
| --- | --- | --- | --- |
| Name: | Learner 1 | | |
| Job Title: | Autonomous Vehicle Safety Operator (AVSO) | | |

| Date: | 18/03/24 | | |
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| Aim:  *(Overall goal?)* | - Conduct testing on Cali V2 routes and build up to Alpha routes - Improve to the Driving standards required, ready for Unit 3 Assessment | | |
| Objective:  *(Steps taken to reach that goal?)* | - Have a discussion about the Driving standards required here at Wayve - Successfully demonstrate the required driving standards during AV testing.  - Expand routes to Cali V2, and Alpha Lane routes | | |
| Session:  *(What are you planning to do? What resources did you use?)* | During this session, Learners will head out and start conducting testing on Alpha, 1, 2 and Crouch end testing routes.  This session will continue with the development of your AVSO skills, changing to a more complex environment and maintaining Autonomous Driving for longer distances. | | |
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| Trainer  Feedback:  *(What Went Well & Areas Of Improvement)* |  | | |
| Learner Self-Reflection: |  | | |

1. New Starter Training 02/08/23 [↑](#footnote-ref-0)