| **Lesson Plan** | | | |
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| **Name:** | Dan Anderson | | |
| **Job Title:** | Autonomous Vehicle Safety Operator (AVSO) | | |

| **Date:** |  | | |
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| **Aim:**  *(Overall goal?)* | Complete all Learning Outcomes required for **Unit 1**:   * LO1 Drive an electric vehicle safely. * LO2 Prepare and drive an electric vehicle safely to a high standard. * LO3 Prepare and drive an autonomous vehicle in data collection. | | |
| **Objective:**  *(Steps taken to reach that goal?)* | - Undergo a high standard driving test to show your professionalism and ability to drive to the standards required here at Wayve  - Be shown how to conduct a BUI of a vehicle and ensure its roadworthiness before heading out onto the road.  - You will use your understanding of the systems to set up, and safely conduct a DC run to our closed road test 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)* |  | | |
| **Learner Self-Reflection:** |  | | |

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| **Name:** | Dan Anderson | | |
| **Job Title:** | Autonomous Vehicle Safety Operator (AVSO) | | |

| **Date:** |  | | |
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| **Aim:**  *(Overall goal?)* | Complete all Learning Outcomes required for **Unit 2**: - LO1 Prepare an autonomous vehicle for safe operation in a Closed Road Testing - 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)* | Well done on completing Unit 2 today, you showed good understanding of the AV systems you were able to use the AV tools with ease this included intervening in the correct situations using the correct intervention tools i.e steering, braking, accelerator and AV button. You showed competence in using the gamepad correctly and safely following training procedures, you were able to show that you were competent enough to complete the gamepad on your own and did this on more than once occasion during the day. Well done keep up the good work. | | |
| **Learner Self-Reflection:** | I really enjoyed the CRT part of the course, Will’s teaching method is chilled and relaxed he really puts you at ease which helps as there is alot of information to take in, in a short space of time. | | |

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| **Name:** | Dan Anderson | | |
| **Job Title:** | Autonomous Vehicle Safety Operator (AVSO) | | |

| **Date:** | 15/03/24 | | |
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| **Aim:**  *(Overall goal?)* | Complete all Learning Outcomes required for **Unit 3**: - LO1 Prepare an autonomous vehicle for safe operation in a Open Road Testing - LO2 Operate an autonomous vehicle in a Open Road Testing environment | | |
| **Objective:**  *(Steps taken to reach that goal?)* | - Head to Linton Street and 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 Linton Street, 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)* | Today went well for Dan with him showing a good understanding of the systems from his time spent shadowing AVSO’s and up at Milbrook. We began at Linton street to which there were no major concerns, we discussed blindspot checks and the need to maintain all round observations especially as we move into more dynamic environments. At sommers town, we discussed how when Dan engages AV, his hands come completely off the steering wheel, we practised engaging with hands on and no further ‘hands off’ engagements were noticed. The afternoon he conducted Cali V2 routes with Will with no concerns raised. Overall a successful day, continue to maintain these standards Dan. Well Done! Things to focus on: - 360 observations are continued - Forward planning, monitor the environment | | |
| **Learner Self-Reflection:** | The course overall is well put together and I now feel confident to deal with a situation if it arises.  Even though we have different trainers throughout the week, they are all consistent on what they teach. | | |

| **Lesson Plan** | | | |
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| **Name:** | Dan Anderson | | |
| **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)* | Good overall focus today expanding to busier routes. Dan shows great observations and control of the vehicle. Would be good to see Dan improve his blindspot checks, especially during left and right turns. Try not to let the model run too far before making the intervention, as soon as anything feels uncomfortable, intervene.   Overall a good productive day with some learning points discussed going forward. | | |
| **Learner Self-Reflection:** |  | | |

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| **Name:** | Dan Anderson | | |
| **Job Title:** | Autonomous Vehicle Safety Operator (AVSO) | | |
| **Date:** | 19/03/24 | | |
| **Aim:**  *(Overall goal?)* | 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?)* | - 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?)* | 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)* | Today Dan conducted AV experiments in Finsbury Park and encountered a problem with the brake pedal not disengaging the AV. He handled this really well by staying calm and immediately applying the AV button. It happened once more and he just reapplied the brake immediately, which worked and disengaged the AV.  On one occasion, Dan did not see the lights changing to red as he was doing his all round checks before he engaged in AV, we discussed that he should take it as a learning point to only go into AV at safe zones and Dan took the feedback on board.  I have no further safety concerns with Dan conducting AV testing. | | |
| **Learner Self-Reflection:** |  | | |