FIE out the hazar distription and risk assessment below. H4-001 should be for the lave disputance wanning injection as discussed in the lecture. Then come up with your cen shaukons and hazards for the lave assessment sprine. Fif in the 16-003 and 14-004 rows. When finishes, accorpt your speciment east a perfit is not in a reviewer can easily so your work.

Hazard ID Skuational Analysis Hazard									azard Identification						Harriston F.	Hazardous Event Classification						Determination of ASIL and Safety Goals	
Hazai																							
			Operational Scenario	Environmental Details	Situation Details	(optional)	Item Usage (function)				Deviation Details	(resulting effect	0	Description	(of situation)	Rationale (for exposure)	Severity (of potential harm)	Rationale (for severity)	(of hazardous event)	Rationale (for controllability)	ASIL Determination	Safety Goal	
HA-00				END6 - Rain (slippery road) END1 - Normal conditions	SD02 - High speed SD02 - High speed		IU02 - Incorrectly	high speed and correctly used system. Normal driving on a county road druing normal conditions with high speed and an incorrectly	Lane Departure Warning (LDW) function shall apply an oscillating seeining torque to provide the driver with haptic feedback. Lane Keeping Assistance (LKA) function shall apply the steering torque when active in order to stay in ego larne.		The LDW function applies an oscillating tonque with very high tonque(above limit). The LHA does not have a time limit for applying tonque and might therefor be treated as a fully autonomous vehicle.	with other vehicle EV00 - Collision	e to steer as intended. The driver could lose control of the vehicle and collide with another vehicle or with road infrastructure.	The LDW function applies too high an oscillaring torque to the steering wheel (above limit). The LKA does not have time limitation.	probability E2 - Low probability	roads occur quite frequently but not daily Misuse of this function is deemed to be	or fatal injuries	High speeds	C3 - Difficult to control	basicly a loss of steering capabilities and thus very difficult to control. No hands on the steering wheels makes this situation	В	The oscillating steering torque from the lane departure warning function shall be limited. The lane keeping assistance function shall be lime limited and additional steering torque shall	
HA-00	OMOS	3 - Normal drivi	ng OS04 - Highway	EN01 - Normal conditions	SD02 - High speed				Lane Departure Warning (LDW) function shall apply an oscillating steering torque to provide the driver with hantin feedback	DV19 - Sensor detection is wrong	Incorrect lane detection - the LDW gives haptic feedback in the middle of the lane.	EV00 - Collision with other vehicle	Suprising / annoying haptic feedback can affect driver's shifty to steer as intended. Focus might be claced on deactivating the	The LDW function makes an incorrect lane dection.	E4 - High		S3 - Life-threatening or fatal injuries	High speeds	C1 - Simply controllable	difficult to control. The function is annoying and takes focus from the	В	end after a given time interval so that the driver cannot misuse the system for autonomous driving. The LDW shall not active on incorrect lane detections.	
								righ speed and correctly used system.	the driver with respect teedback.				Focus mgitt be pasced on eachievishing the function. The driver could lise control of the vehicle and collide with another vehicle or with road infrastructure.			normal conditions happens more or less daily for many drivers.				driving task, but changing the radio station or answering a call should be of similar difficulty and more than 99% of the drivers can			
HA-00	OM03	3 - Normal drivi	ng OS04 - Highway	EN01 - Normal conditions	SD02 - High speed				apply the steering torque when active in order	DV19 - Sensor detection is wrong	Incorrect laine detection - the LKA starts steering out of the laine.	EV00 - Collision with other vehicle	The LKA steers the vehicle into another lane.	The LKA function makes an incorrect lane dection.	probability	Misuse of this function is deemed to be uncommon.	S3 - Life-threatening or fatal injuries		C3 - Difficult to control or uncontrollable	handle that. No hands on the steering wheels makes this situation difficult to control.	В	The LKA shall not active on incorrect lane detections.	