

## Adaptive Hearing Aid Design

Mon, 9/10/2018

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			1		Sep 10, 2018							Sep 17, 2018							Sep 24, 2018							Oct 1, 2018							Oct 8, 2018							Oct 15, 2018							Oct 22, 2018							Oct 29, 2018						
			10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	1	2	3	4		
TASK	START	END	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	S									
Project Familiarisation	9/10/18	10/23/18																																																										
Aquire Research Documents	9/10/18	9/11/18																																																										
Define Project Problem	9/11/18	9/13/18																																																										
Understand Directionality Problem	9/13/18	9/16/18																																																										
Understand Adaptive Filtering Compon	9/16/18	9/19/18																																																										
Research and Development																																																												
Gain Compensation	9/20/18	9/26/18																																																										
Perscription Formulas	9/26/18	9/28/18																																																										
Filter Bank Types	9/28/18	9/30/18																																																										
Filter Bank Metrics	9/30/18	10/2/18																																																										
Perscription Matching	10/2/18	10/5/18																																																										
Design and Simulation																																																												
Number of bands investigation	10/5/18	10/8/18																																																										
Uniform Design	10/8/18	10/9/18																																																										
Symmetric Design	10/9/18	10/10/18																																																										
Critical-Like and Octave Design	10/10/18	10/11/18																																																										
ANSI S1.11 Design	10/11/18	10/13/18																																																										
Dynamic Compression Design	10/13/18	10/17/18																																																										
Documentation																																																												
Literature review	10/17/18	10/19/18																																																										
Results and Figures	10/19/18	10/21/18																																																										
Final Report	10/21/18	10/23/18																																																										