	A	B	C	D	E	F	G	H	I
1	**Problem: Technician**								
2			Legend						
3			Decision						
4			Constraint						
5			Cost						
6									
7	**Technician**	**Shift 1 Cost**	**Shift 2 Cost**	**Shift 3 Cost**		**Certified Category 1**	**Certified Category 2**	**Certified Category 3**	**Certified Category 4**
8	1	280	290	300		1	1	0	1
9	2	300	330	350		0	1	1	1
10	3	270	280	290		0	0	1	1
11	4	180	190	200		1	0	0	0
12	5	175	160	185		0	1	0	0
13	6	225	225	225		0	1	0	1
14	7	295	295	315		1	1	1	0
15	8	305	350	320		0	1	0	1
16									
17	**Technician**	**Technician Assigned to Shift 1**	**Technician Assigned to Shift 2**	**Technician Assigned to Shift 3**					
18	1	0	0	0					
19	2	1	0	0					
20	3	0	0	0					
21	4	1	0	0					
22	5	0	0	0					
23	6	0	1	1					
24	7	0	1	1					
25	8	0	0	0					
26									
27	**Constraints**								
28		Shift 1	Shift 2	Shift 3					
29	Certified Category 1	1	1	1					
30	Certified Category 2	1	2	2					
31	Certified Category 3	1	1	1					
32	Certified Category 4	1	1	1					
33									
34	Technician 1 Cost	$ 480.00							
35	Technician 2 Cost	$ 520.00							
36	Technician 3 Cost	$ 540.00							
37	**Total Cost**	$ 1,540.00							