

Zeus UAV platform 396h

1  
PRELIMINARY  
REVIEW  
16 horas

1.1  
Earth-Ionosphere  
9 horas

1.2  
Previous research  
8 horas

2  
PLANE  
DEVELOPMENT  
176 horas

2.1  
Conceptual design  
10 horas

2.1.1  
Flight conditions  
6 horas

2.1.2  
Functional  
specifications  
4 horas

2.2  
Hardware  
65 horas

2.2.1  
Components  
10 horas

2.2.2  
Assembly  
15 horas

2.3  
Software  
15 horas

2.3.1  
Configuration  
5 horas

2.3.2  
Automatization  
10 horas

2.3.3  
Custom modes  
5 horas

2.4  
Launching platform  
13 horas

2.4.1  
Design  
6 horas

2.4.2  
Components  
3 horas

2.4.3  
Assembly  
4 horas

2.5  
Testing  
14 horas

2.5.1  
Subsystems test  
4 horas

2.5.2  
Preliminary flights  
10 horas

3  
PAYLOAD  
129 horas

3.1  
Field Mill  
40 horas

3.1.1  
Data logger  
20 horas

3.1.2  
Integration  
15 horas

3.1.3  
Test  
5 horas

3.2  
Wire Launcher  
74 horas

3.2.1  
Design  
30 horas

3.2.2  
Construction  
20 horas

3.2.3  
Test  
9 horas

4  
TESTING  
75 horas

4.1  
Sensing flights  
15 horas

4.2  
Experimental flights  
10 horas

4.3  
Optimization  
50 horas