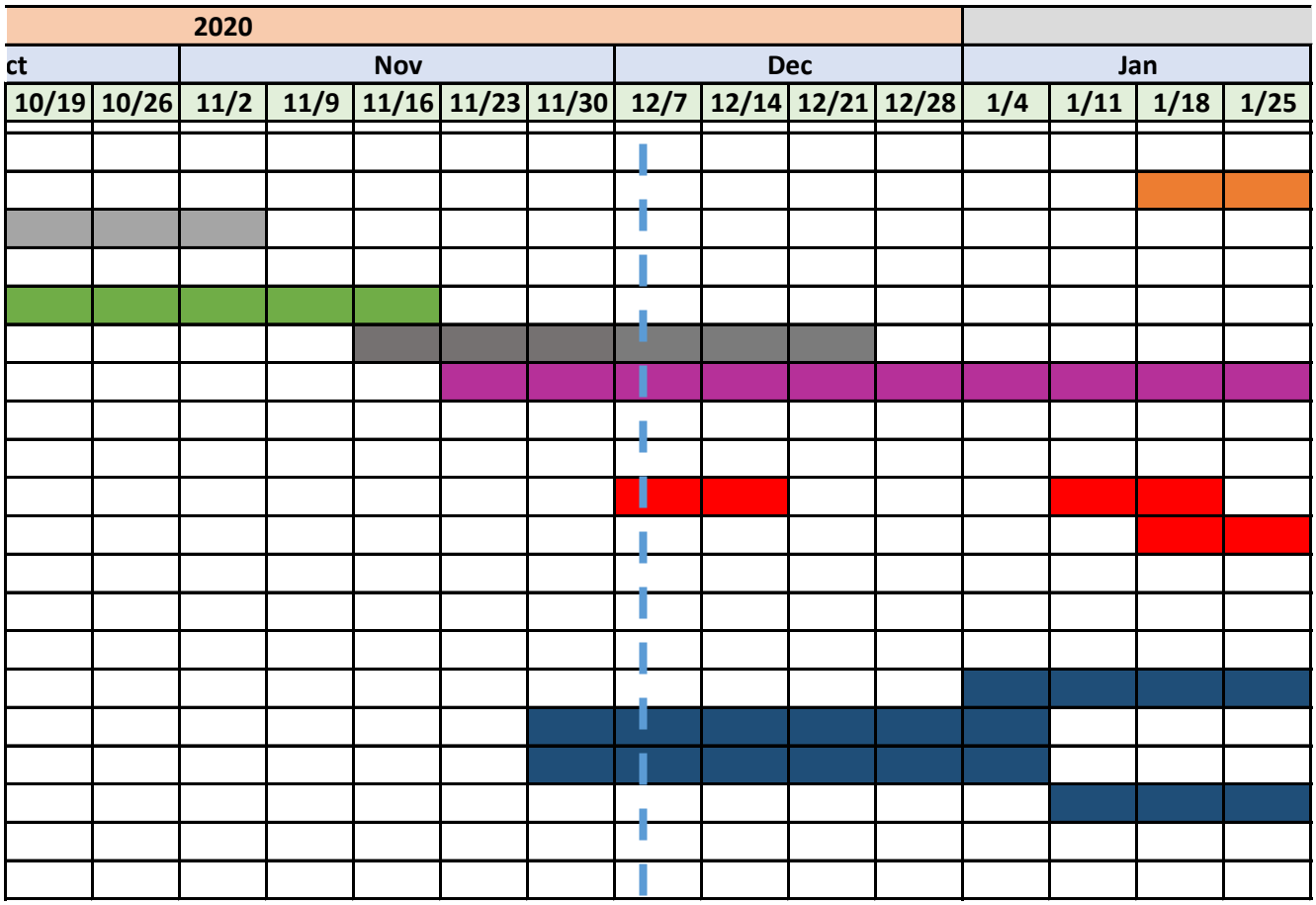
## Capstone Project Schedule Template - Fall-Spring

**Project:** **Infrasonic Wildfire Detection Devi**

**Last Updated:** **12/3/20**

| | | Year | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | Month | Sept | | | | O | |
| **Task Description** | **Duration** | **Assigned** | **9/7** | **9/14** | **9/21** | **9/28** | **10/5** | **10/12** |
| Project Research and Planning | 4 weeks | 7-Sep | | | | | | |
| Ordering Parts | 5 weeks | 5-Oct | | | | | | |
| Preliminary Design Work | 6 weeks | 28-Sep | | | | | | |
| E: 3D Printing 1 | 4 weeks | 21-Sep | | | | | | |
| Initial microphone testing | 5 weeks | 19-Oct | | | | | | |
| Circuit design | 6 weeks | 16-Nov | | | | | | |
| Amplifier design | 12 weeks | 8-Feb | | | | | | |
| Infrasound validation | 12 weeks | 21-Dec | | | | | | |
| Testing/troubleshooting | 5 weeks | 1-Mar | | | | | | |
| E: 3D printing 2 | 4 weeks | 7-Dec | | | | | | |
| E: Drop Test 1 | 4 weeks | 18-Jan | | | | | | |
| E: 3D Printing 3 | 3 weeks | 8-Feb | | | | | | |
| E: Drop Test 2 | 4 weeks | 1-Mar | | | | | | |
| E: Final Design Creating | 5 weeks | 29-Mar | | | | | | |
| SD: GPS Function | 5 weeks | 4-Jan | | | | | | |
| SD: Power Function | 6 weeks | 30-Nov | | | | | | |
| SD: LoRa Function | 6 weeks | 30-Nov | | | | | | |
| SD: Mesh Network | 9 weeks | 11-Jan | | | | | | |
| SD: Debugging | 3 weeks | 15-Mar | | | | | | |
| Prepare for Design Expo | 4 weeks | 5-Apr | | | | | | |

## ce and Network



| 2021 | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Feb | | | | Mar | | | | | Apr | | | |
| 2/1 | 2/8 | 2/15 | 2/22 | 3/1 | 3/8 | 3/15 | 3/22 | 3/29 | 4/5 | 4/12 | 4/19 | 4/26 |
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