**RoboSub Club Schedule**

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| **Goals** |

The goals for the AUV club during the upcoming winter intersession will be to make most of the progress necessary to have a working, testable sub. During spring, we will be mainly testing the sub, perfecting the systems and algorithms, and recruiting members. The purpose of general meetings will now be for all subteams to report on their progress and so we can make sure everyone is on the same page. Everyone will submit slides for the info they want to talk about before the meeting. For the team video we have to submit, each team should try to take videos of their work meetings so that we have footage to use for the video.

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| **Winter** |

Week 1 (Dec 17-23)

Week 2 (Dec 24-30) Frame design finalized

Week 3 (Dec 31-Jan 6)

Week 4 (Jan 7-13) Finish assembling/manufacturing frame

Week 5 (Jan 14-20)

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| **Spring** |

Week 1 (Jan 21-27) Recruit members! Flyers, Instagram posts, general meetings (preferably in a classroom)

Week 2 (Jan 28-Feb 3) Thruster board design done, place order. Power distribution board done, place order.

Week 3 (Feb 4-10) CV system done and ready for pool testing.

Week 4 (Feb 11-17) Hydrophones theoretically working, algorithms done. Navigation system done and interfaced with CV.

Week 5 (Feb 18-24) **Have a test-ready vehicle (assemble everything)**

Week 6 (Feb 25-Mar 3) Assemble obstacles. First pool test: test buoyancy, waterproofing, thruster placement, hydrophones

Week 7 (Mar 4-10) Second pool test: image collecting

Week 8 (Mar 11-17) Third pool test: image collecting

Week 9 (Mar 18-24) Finish weapons systems. Fourth pool test: image collecting and CV testing

Week 10 (Mar 25-31) Finish code for weapons systems. Fifth pool test: image collecting and CV testing

Spring Break (Apr 1-7) Finish CV integration with weapons systems. Sixth pool test: weapons systems

Week 11 (Apr 8-14) Testing

Week 12 (Apr 15-21) Testing

Week 13 (Apr 22-28) Testing

Week 14 (Apr 29-May 5) Testing

Week 15 (May 6-12) Testing – prequalify?