

RAOP Implementation Guide (Draft)

Robotics and Automation Outreach Program (RAOP) — Virtual → On-site Workflow and Deliverables

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Contents (draft outline)

- Program format: 2-week virtual phase (QLabs digital twins) + 1-week on-site hardware validation in the AVRC Lab.
- Educator workflow: onboarding → virtual labs → on-site validation → classroom translation deliverables.
- Required deliverables: lesson plan/curriculum draft (grades 5–12), assessment tool/rubric draft, implementation notes.
- Support structure: RAOP program team + Quanser engineering support; two Howard EECS assistants for monitoring/documentation.
- Advisory governance: biannual external advisory board reviews to approve refinement priorities.
- Continuous improvement cycle: evidence collection → analysis → lessons learned → versioned updates for the next cohort.

Note: This document is a placeholder to prevent broken links on the public RAOP website. It will be replaced with the finalized Year-1 assessment/implementation guides.