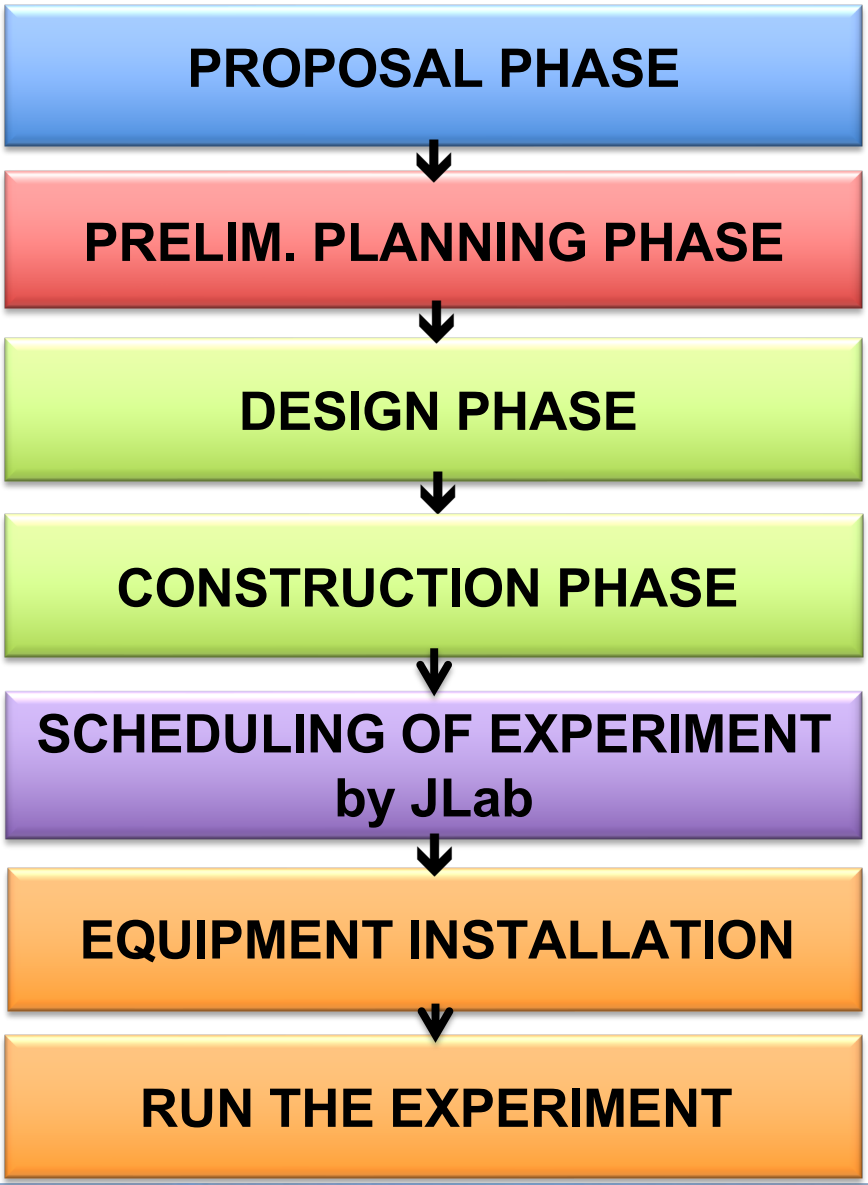
# Readiness Review Process – Flow Chart




- Submitting Proposals
- TAC & PAC Process
- Director's Decision

- Exp. Description and Requirements
- Exp. Readiness Review Calendar

- PESAD, specific equipment reviews
- Complete Conceptual Designs & "1st" Readiness Review

- Fabrication of the equipment
- Test of the individual elements of the equipment (OSP/TOSP)

- Construction near-completed, designs frozen
- "2nd" Readiness Review before scheduling request submission

"Final" readiness review

http://www.jlab.org/user_resources/PFX/NP-PFX/

# Experiment Readiness Review Process

https://www.jlab.org/physics/experiment_process/np-pfx-chart

## EXPERIMENTAL READINESS REVIEW CHART

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|---|---|---|---|---|
| **Proposal Phase** | • Submitting Proposals PAC & TAC<br>• Director's Decision | | | |
| **Preliminary Planning Phase** | • Exp. Description and Requirements<br>• Exp. Readiness Review Calendar | | | |
| | **When is ERR?** | **Need** | **Requirements/Outcome** | **What to do** |
| **Design Phase** | **N. 1:**<br><br>Before construction phase starts **or** existing equipment with high risk | • If the experiment includes one-of-a-kind equipment with potential novel safety implications (examples: SC magnets, tritium or high-power cryogenic targets). | • Fabrication of the equipment can start or it is deemed to be acceptable for use at the lab. | • Provide the complete conceptual design of the full equipment. Decommissioning plans for target and activated components must also be developed as appropriate.<br>• Carry out a safety analysis of the proposed equipment design, identify safety issues and incorporate mitigating measures necessary to be operated in planned experiment.<br>• Provide manpower and resource requirements for equipment fabrication |