CALIOPE Schedule

Item	April	May	June	July	Aug	Sept.	Oct.	Nov	Dec.	Jan.	Feb	March	April	May	June	July	Aug	Sept.	Oct.	Nov	Dec.
			2015									**2016**									
1. Magnet																					
Magnet Simulations	■	■																			
Magnet Mechanical Design		■	■																		
Magnet Coil fabrication/acquisition			■	■	■																
Magnet Yoke Fabrication						■															
Magnet Yoke and Coil Integration							■														
Power supply acquisition and testing		■	■	■	■	■															
Magnet Installation, Commissioning and Field Mapping								■	■	■											
2. Active Source																					
2.1 Passive source (activity encapsulated in kapton)																					
SOP and Procurement of radionuclide		■	■																		
Fabrication of test sources				■																	
Evaluation of test sources and selection of final passive source					■																
2.2 Positron Detector																					
Design of positron detector(s)	■	■	■																		
Fabrication of positron detector(s)				■																	
Testing and commissioning of positron detector					■	■															
2.3 Source Holder (s)																					
Design of Source Holder(s)		■	■																		
Fabrication of Source Holder(s)				■	■																
2.4 Integration and Commissioning of Active Source																					
Procurement of remaining parts		■	■																		
Construct LN purge system				■	■																
Integration of Active Source Components					■	■															
Testing and Commissioning of Active Source							■	■	■												
3. DAQ																					
Test event reconstruction and timing of Digitizer system		■	■	■																	
Design DAQ System					■																
Procure new components					■	■															
Test DAQ with entire APEX Array							■	■													
Commission and Calibrate DAQ with APEX Array									■	■											
4. APEX Modifcations																					

Perform any modifcation to the APEX array (new magnet shields or PMT s)			███	███	███	███	███	███	███																
5. Integration																									
Mecahnical Integration of Magnet, APEX, and Active Source									███	███														
Commissioning and Test Runs											███	███												
Data-taking (WAG)														███	███	███	███	███						
Final Analysis																			███	███	███			