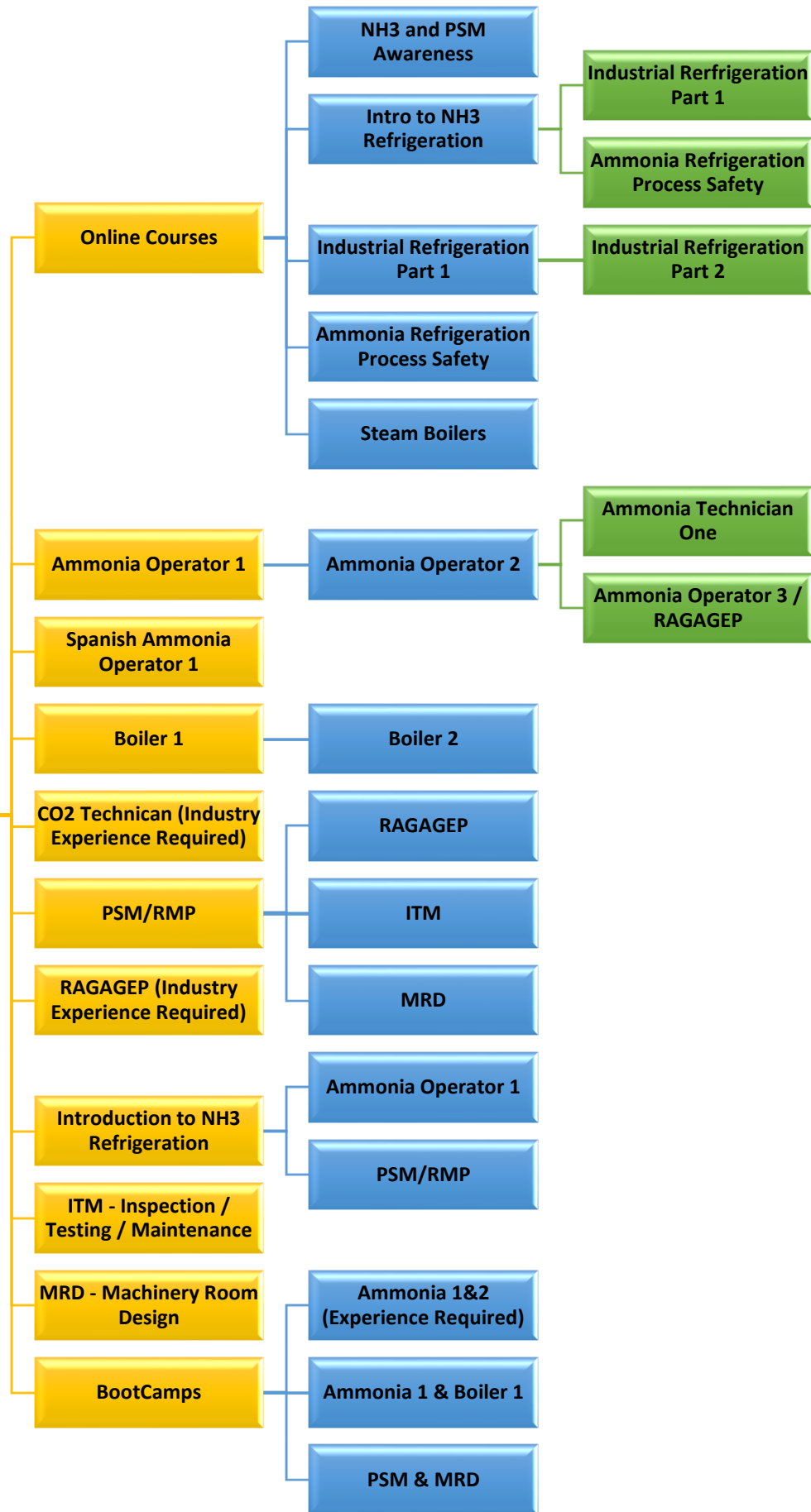


GCAP's Recommended Courses



GCAP's Training Program



- Online Courses
 - Work at your own pace and establish industry credentials
- Introduction to Ammonia Refrigeration
 - Non-Operators (Such as safety and plant management) that have oversight or accountability within ammonia refrigeration or process safety take the:
- Ammonia Operator 1
 - For Operators, Mechanics, Technicians, and some Electricians working on and around the NH3 System, take NH3 1 after they have obtained 6 months Engine Room Experience
- Ammonia Operator 2
 - For advancing operators
 - Making adjustments for liquid feeds, defrost, staging compressors, start-ups.
 - The best time to send them after op 1 is within a year, but as soon as credential is achieved ultimately, they could sit for the class.
- Ammonia Operator 3 / RAGAGEP
 - For key management, engineering, PSM, and lead technicians to learn applicable code, standards, bulletins..... for the industry best recommendations.
 - This class does not require level 1 nor 2 pre-requisites, however does require industry refrigeration / PSM experience.
- Ammonia Technician 1
 - Is for the ones in your plant that have to do maintenance, testing, and inspections on the equipment and the safeties around the equipment. Pre-requisite is an approved NH3 level 1 and 2 courses.
- PSM/RMP (Process Safety Management)
 - Is for anybody whom is accountable / responsible for any facet of development, integration, and implementation of the PSM/RMP program around the NH3 Refrigeration system. No pre-requisite required.
- Boiler 1
 - For Operators, Mechanics, Technicians, and some Electricians working on and around the Boiler System, take Boiler I after they have obtained 6 months Engine Room Experience
- Boiler Level II
 - For advancing operators
 - Optimize water treatment / Advanced Combustion / Annual Requirements.
 - If someone passes Boiler I (not just experience) they are eligible for Boiler II. The best time to send them is after Boiler I within a year, but as soon as credential is achieved ultimately, they could sit for the class.
- RAGAGEP
 - For key management, engineering, PSM, and lead technicians to learn applicable code, standards, bulletins..... for the industry best recommendations.
 - This class does not require level 1 nor 2 pre-requisites, however does require industry refrigeration / PSM experience.
- ITM – Inspection / Testing / Maintenance
 - For key management, engineering, PSM, and lead technicians to learn the requirements of a comprehensive mechanical integrity and maintenance program for ammonia refrigeration
- MRD – Machinery Room Design – Industry best practices for the ammonia refrigeration system and the rooms they are housed. For key management, engineering, PSM, and lead technicians
- CO2 Technician
 - Come learn all variations of NH3/CO2 cascade systems as well as transcritical CO2 systems. 2 years refrigeration experience and/or GCAP's Ammonia Operator 1 course.