A-P-T RESEARCH, INC.

SOFTWARE SYSTEM SAFETY ENGINEERING

Training offered by A-P-T Research, Inc.

The Software System Safety (SwSS) Engineering training course is an integrated combination of system safety, software safety, and software engineering technologies. It is designed for safety professionals wanting to advance their skill and knowledge in techniques of software system safety.

The course describes generic SwSS processes adaptable to a variety of customer needs, and is tailorable to specific projects and software development processes. Each course module contains material designed to provide the student with the information and detail needed to understand and apply the material. The course is constantly updated to include new techniques, in-depth processes, and real-life examples. Exercises and quizzes are included to build student confidence when applying software system safety principles.

The SwSS course begins with an overview of course objectives, the need for SwSS, and a description of the relationship between system safety and SwSS. After a discussion of directives, documents, policies and regulations related to SwSS, the course provides detailed instruction on the SwSS process, including a variety of analyses and tools. The instruction concludes with planning details for a SwSS program, hazard identification and tracking, risk assessment, risk reduction, and risk acceptance as applicable to SwSS. In keeping with APT's commitment to excellence, recent updates to the course include modules titled "Programmable Logic Devices," "Model-Based Software Safety," and "The Future of Software System Safety."

An overview of APT's SwSS Process is depicted on the reverse of this sheet.

Course Duration and Format

The course is 24 hours over 3 days, with about 6 hours of lecture each day and time for students to complete workshop problems or review course materials with the instructor. Class size will be limited to 30 attendees. Attendees of this course will typically be awarded up to 2.4 Continuing Education Units (CEU) upon completion of the course.

Safety Engineering and Analysis Center

The APT Safety Engineering and Analysis Center (SEAC) is conveniently located in Cummings' Research Park near Redstone Arsenal in Huntsville, AL.

Where

The A-P-T Research, Inc. Safety Engineering and Analysis Center in Huntsville, AL or customer location as requested.

Schedule & Cost

Offered on a regular basis. Visit www.apt-research.com/training for specific dates and prices.

Contact Information

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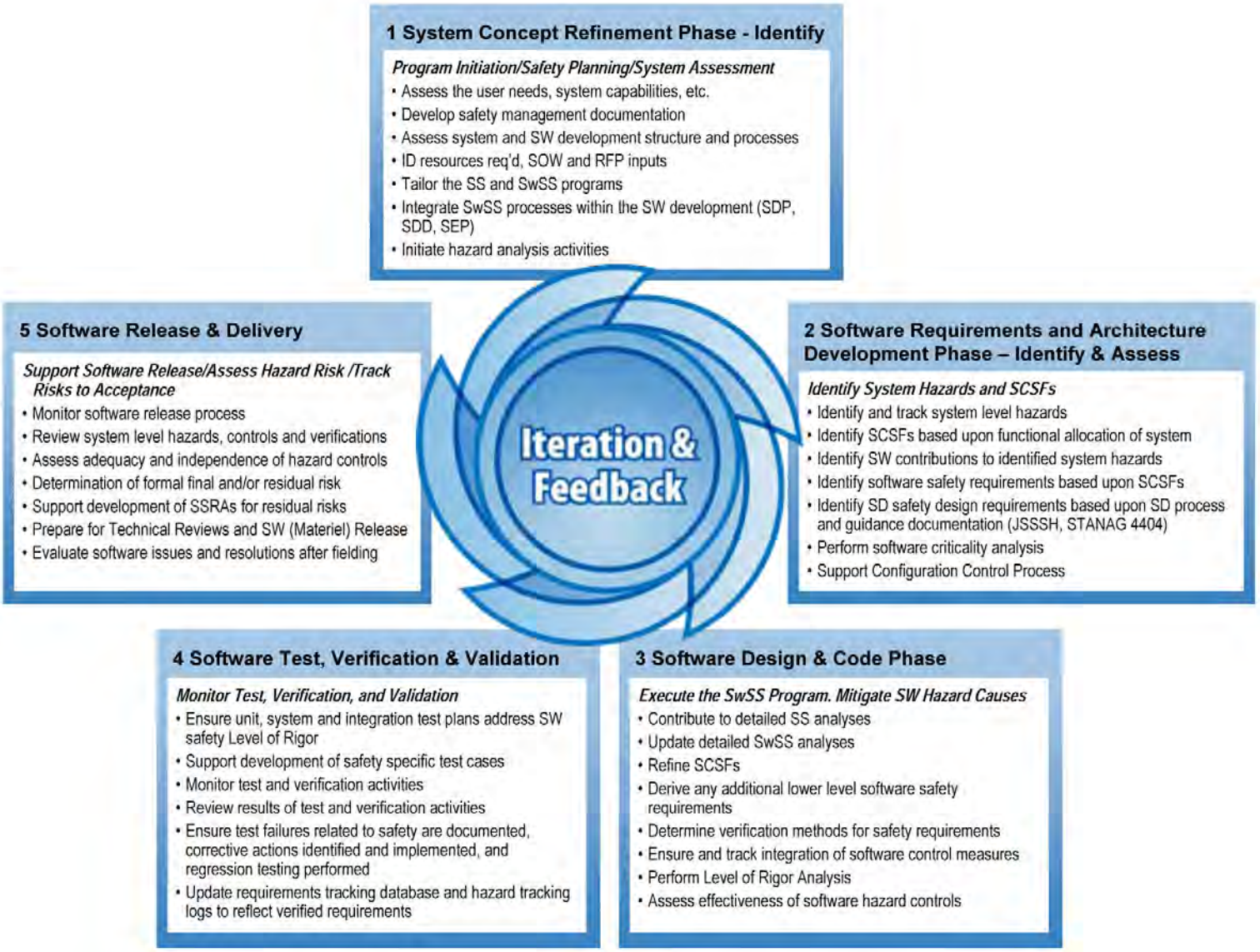
Other Courses Available

- System Safety Engineering
- Explosives Safety
- Managing Risk for Multiple Disciplines
- Reliability Engineering
- IMESAFR Software
- SAFER Software
- Counter-IED Training & Training Devices

For information on other training classes offered by APT, visit www.apt-research.com/training.

Software System Safety Process Overview



APT Point of Contact

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