



Technical Assessments Group

Systems Architecture Seminar

The seminar is designed to help your staff understand common problem areas and issues faced, and develop the architecture skills required for the successful implementation of the systems architecture. It includes a case problem to facilitate discussion and provide hands-on experience with typical issues that will be faced by working architects. The students will learn how to scope and bound a business problem, evaluate potential approaches to a solution, and identify areas of concern. The key topics include:

- Fundamental Architecture Principles
- Problem Definition and Requirements
- Problem Patterns and Solution Patterns
- Performance Engineering
- Availability and Reliability
- Operations, Administration, and Maintenance and Error Recovery
- Security and testing

The seminar is offered for those interested in obtaining further insight into the systems architecture development process. It is not a technology overview and does not teach a specific methodology. Experienced personnel will benefit by gaining awareness of key areas with which architects have struggled in the past and approaches for addressing those areas. Students will gain an understanding and insight into the context of computer systems architecture. They will take away approaches and techniques for architecting new solutions as well as evaluating existing system architectures. The seminar provides tips and checklists as reference guide for future application.

The AT&T Information Technology Technical Assessments Group (TAG) performs technical assessments, including architecture discoveries and reviews, operational and vendor assessments. We leverage this knowledge and experience to improve projects and other defined areas of the business. TAG has performed hundreds of assessments since its inception in the late 1980s. Based on observations of problems commonly occurring across a wide variety of business and technology environments, TAG developed the Systems Architecture Seminar with the objective of helping architects anticipate and avoid potential problem areas. These lessons learned have become the foundation for the seminar curriculum. It was first offered in 1990 and is continuously updated to reflect changing architectural patterns and issues.

The seminar can be conducted at your work location or through jointly scheduled offerings at a central AT&T facility.

To learn more about this seminar or our other assessment services, including pricing, scheduling, or other questions, please contact:

Guy Warnken
Principal Technical Architect
AT&T Information Technology
Technical Assessments Group
warnken@att.com

Or visit our web site at: <http://www.att.com/tag/>