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SWEBOK KA-7: Software Engineering Management

SWEBOK KA-7 concerns the use of management techniques to oversee and organize software engineering activities. Consistent with SWEBOK's primary assumption, that the development of software is best undertaken as an engineering discipline, KA-7 seeks to explain how to "manage software engineering in the same way as any other (complex) process". While it does acknowledge that there are some caveats that come about through the nature of the developer customer relationship and the usually iterative process of software development, KA-7 epitomizes the SWEBOK mindset of process and workflow control.

Software engineering management became very important to my group early on in the semester. Our group leader's management style wasn't working out—he was taking a hands off, laissez faire approach

Software Engineering leaving the group Management wondering what was Software Project Initiation and Software Project Review and SW Engineering Closure Scope Definitio Planning Enactment Evaluation aoina on. We came to Determining Satisfaction of Determination Establish and → Implementation of Plans Determining and Negotiation of Requirements ➤ Process Planning Sustain Measurement Closure Requirements Commitment terms with it and Plan the Reviewing and → Determine Feasibility Analysis Supplier Contract Closure Evaluating Performance ➤ Measurement Deliverables Activities Process Management started moving toward Process for the Effort, Schedule Implementation

of Measurement Perform the Review and and Cost Measurement Revision of Estimation Process Process Requirements a more delegated task-Resource → Evaluate ➤ Monitor Process Allocation assignment style which ➤ Risk Control Process Management worked much better for Quality → Reporting Management us. → Plan Management