

GE Edison Engineering Development Program (EEDP)

Start Up Guide



imagination at work



Program Goals ...

Develop Pipeline of Great Engineers

Transition young engineers

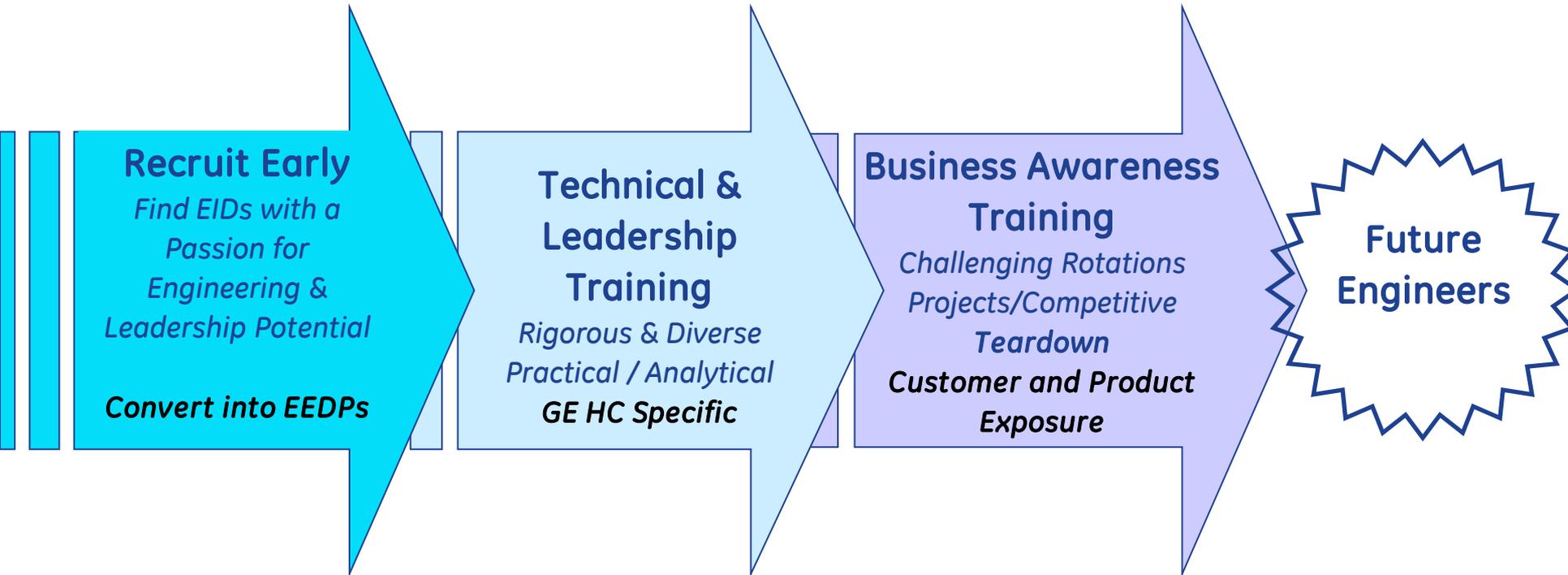
from

Academics (Individuals)

to

Business Mode (Team members)

Pipeline Program Steps for Success



Develop Technology Pipeline

What is EEDP?

Edison Engineering Development Program

Program Details

An intense 2-2 1/2 year entry-level technical development program requiring 3 or more assignments

Assignments driven by business priorities

Broad experiences may include: Systems, Analysis, Design, Quality, Reliability, and Integration & Test

Formal technical problem-solving skills taught by engineering experts requiring reports and presentations to senior leadership

Business skills developed in corporate leadership courses

Opportunity to attain an advanced degree in Engineering

The EEDP offers graduates the technical and business foundation to proactively and continually seek opportunities to make innovative contributions to GE's future.



Program Requirements

Rotational Assignments

Minimum of 3 Engineering Rotations (four 6 month rotations)

24 Months minimum

Technical Training

Advanced Course A (Engineering application)

Advanced Course B (Business specific topics with business sponsored project)

Opportunity to pursue **Engineering Masters Degree** through Advanced Courses B & C (Thesis or Business Related Project)

Six Sigma Training

Business / Leadership Training

Foundations of Leadership (Corporate Training)

[ENG@GE](#) (Corporate Training)

New Hire Orientation -- Business Orientation

Compliance Training

Managing your Career (TCP Training)



Rotation Guidelines ...

Challenging Assignments



Well defined tangible goals

Technical and soft skill development

Hands on experience

Match member skill to rotation needs

Include lab work but don't make it the exclusive activity

Diversified engineering experience and product exposure

Cross-location rotations good learning experience (10% Max)

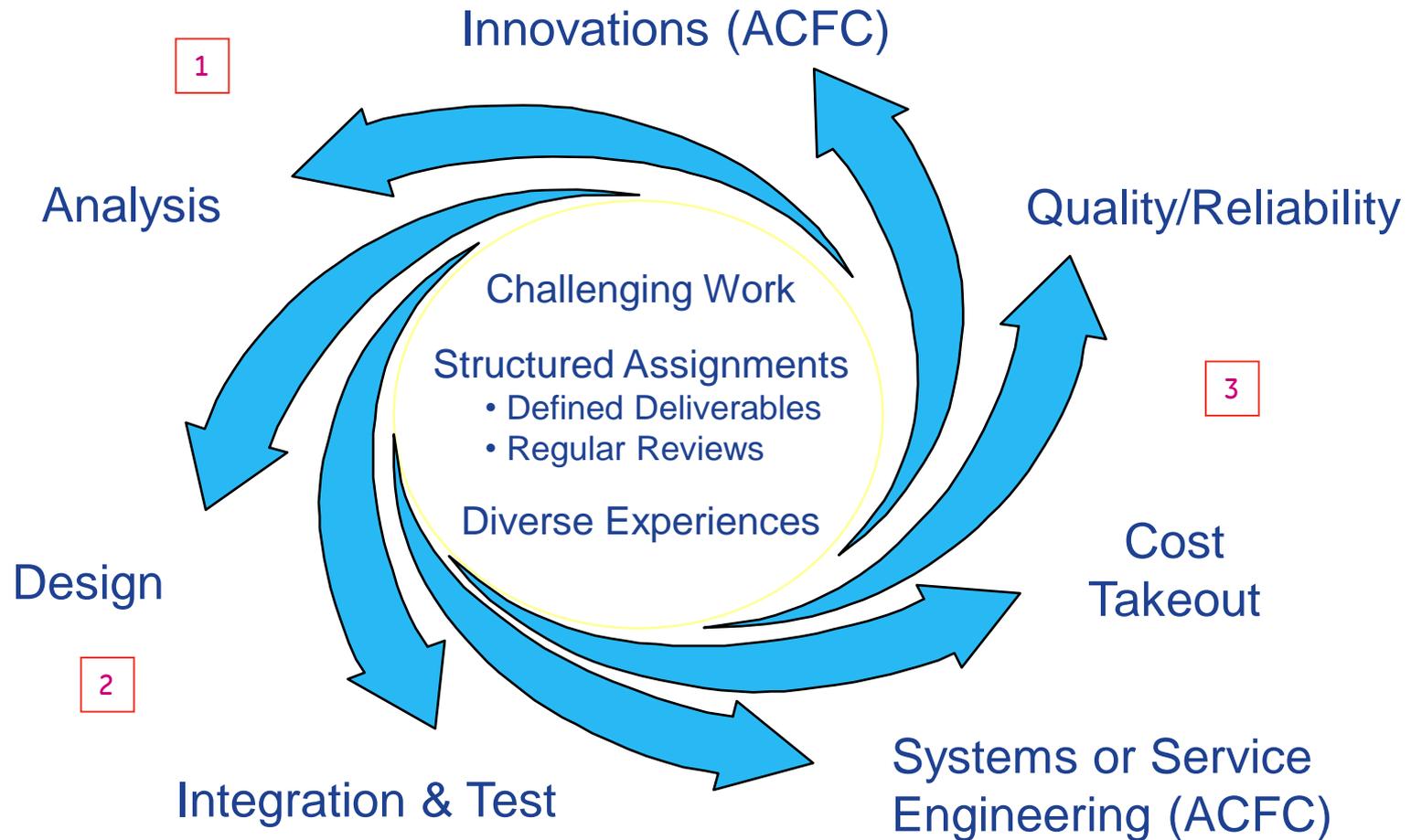
Co-locate with design teams and assignment leader

Business benefit with typical project timing (6 verses 8 months)

Plan 2 to 3 months in advance (EEDPs interview for roles)

Rotation Guidelines ...

Varied Assignments



Technical Training

A Course



Application of engineering fundamentals to engineering problems encountered in core product development

Expert subject matter experts

Multi-disciplinary topics

Each topic approximately 4 hours of lecture, 1 day/week, 36 weeks

~ 15-20 hours of home work (after hours)

Certified at local university for Masters Credit (9 Credits at Marquette University and University of Wisconsin-Milwaukee; 6 transfer credit at Georgia Tech)

B Course Guidelines

Business overview lectures/ seminars & Project

Product Specific Classes taught by product experts

Classes can include customer site visits and trips to manufacturing sites and a total

200 hours between classes, homework, case studies, and project

Should include In house case studies (project managers are invited to present)

Example Assignment :

Project proposals by business need; Challenging business critical stretch assignment (preferably hands on team work; for ex. We developed a new sensor built into a RFID tag for temperature tracking in hospitals



Sample B Course Project

Proposal Date: September 22 2006

PROJECT TITLE Usability Driven development		SCHEDULE/TECHNOLOGY DEVELOPMENT PLAN Milestone/Deliverable		Completion Date	
GEHC BUSINESS/MODALITY GE Healthcare IITS				Iteration 1 of metrics definition (Marketing / Engineering) Iteration 2* of metrics definition (Customer / Clinical Spec) <small>Require some meeting and presence at RSNA</small> First Draft of Solution option with SWOT Iteration 3 of metrics definition (Competitive analysis) Final Draft with setup and configuration Final iteration with Report out	
TECHNOLOGY LEADERSHIP SPONSOR Medhi Venon		BUSINESS PROJECT LEADER Unknown			
BUSINESS CONTACT(S) S. Gibbons (MKTG) / M. Venon (ENG)		PROJECT FUNDING STATUS (Underline one) <u>Planned</u> Secured			
PROJECT DESCRIPTION <ul style="list-style-type: none"> • Create a sub-set of Customer driven metrics for Imaging to measure and trend the "Ease of Use" of Imaging (RIS & PACS) around Screen readability and workflow efficiency • Research, Comparative analysis and Identify a solution to perform non-intrusive measurements based on the definition on the customer driven metrics. • Develop the instructions to build in the solution into the workstation products 		EDISON SKILLS REQUIRED <ul style="list-style-type: none"> • Ability to work with different group to build consensus on ideal metrics. • Strong communication tools and self confident to drive this projects. 			
BENEFITS TO BUSINESS <ul style="list-style-type: none"> - Deliver a solution to measure, analyze and optimize effectiveness of user interface design from the specifications to the customer evaluation. -Address KLAS rating (Key rating for Healthcare IT offering primary indicators) by providing a source of metrics to deep dive in customer satisfaction analysis - Enable measurements of those CTQs during the products lifecycle 		EDISON SKILLS LEARNINGS <ul style="list-style-type: none"> •Inclusiveness to work with various functional leaders in Imaging Solution to identify the metrics • Resourceful and Eternal focus •Work with various business functions to drive technical excellence 			
		TECHNICAL & BUSINESS RISKS / DEPENDENCIES Access to Principal engineers/Chief engineers, segment managers of various IITS group to provide the imaging solution first sets of metrics.			
		OTHER COMMENTS Commitments to implement the recommendation for 2007 Products NPI & key IB Potential patents and Ips filing along with this projects.			
PROJECT START DATE October 1 st 2006	PROJECT END DATE Jan 31 2007	GTO RATINGS (COMPLETED BY BARBER/ROEHM) TI BI F R X BF BE O			

Corporate Training

Foundations of Leadership (Crotonville)

ENG@ge (Various Businesses)





imagination at work