PD FCG PROGRAM

32 MONTHS • 5 ROTATIONS • ONE FORD

PRODUCT DEVELOPMENT

Bring engineering ideas to life

Make driving more exciting, enjoyable, and sustainable

Improve customer experience with the latest technologies

PROGRAM OVERVIEW

Placed in PD home organization and assigned mentor

5 rotations in 32 months within home organization

Final placement in home organization

PROGRAM BENEFITS

Training

Learn what it takes to test vehicles to the limit on the track, develop the professional skills necessary to advance in the workplace, or improve your analytical skills. Ford provides FCGs with all of these possibilities and more throughout the course of the 32 month program.

Professional Development

Professional development is a core aspect of the FCG program right from day one, when you are assigned a mentor to guide you successfully through the program. Networking events are continually offered as well as opportunities to interact with fellow FCGs.

Social Events

Whether meeting new people, socializing with coworkers, or trying a new sport, the FCG experience reaches further than the office. With service events around the community, happy hours after work, and other organized gatherings, FCGs have plenty of chances to socialize.

Education Program

Ford offers tuition assistance through the Salaried Tuition Assistance Program (STAP) to all FCGs. STAP provides financial assistance to employees who are pursuing an Engineering Master's, and in some cases an MBA, in order to further progress their careers at Ford.

Post-Program Placement

Upon completion of the program, FCGs "graduate" and are placed within their home organization to continue building their career. It is up to them to decide where they see themselves best fitting in based on their rotations and experience gained over the course of the program.

ROTATION EXAMPLES

ATTRIBUTE

Create and optimize the experiences and interactions customers have with the vehicle. Some examples include handling, seat comfort, lighting, fuel economy, performance feel, noise vibration and harshness (NVH), and more.

CAD/CAE

Use multiple software packages to model products as well as complete the required drawings. Additionally, use analytical tools to design and optimize components and systems.

DESIGN & RELEASE

Design parts to Ford specifications, work with suppliers and cross-functional teams, manage the design verification testing, benchmark competitive products, support the vehicle launches, and collaborate with the finance group to produce cost-efficient designs.

LAUNCH

Interact with every division of the company to assemble the final product. Work in a fast-paced environment to solve all problems discovered during the different build phases of the vehicle, transmission, or engine.

SYSTEMS

Manage the compatibility, robustness, and quality of all components that make up a system primarily through design verification, product validation testing, and 6-sigma problem solving.

TESTING & VALIDATION

Ensure design robustness using physical methods such as fatigue testing of components, dynamometer testing of engines and transmissions, and wind tunnel testing of the entire vehicle.

MINIMUM REQUIREMENTS

ENGINEERING DEGREE

3.0 OVERALL GPA

RELOCATE TO SE MICHIGAN

COMMUNICATION AND TEAMWORK SKILLS

PREFERRED: AUTOMOTIVE PROJECT TEAM EXPERIENCE