

# AFGROW Training Syllabus

## Day 1

Introduction

Layout and Flow

Basic Features

Main Modules

    Spectrum

        New Spectrum Format

        Spectrum Management Tool

    Stress Intensity/Beta Factors (Geometry)

        Classic Cases (User Defined, Application Defined, Weight Functions)

        Beta Correction

        Beta Modification

    Growth Rate Models

        Example Using Tabular Rate Data (Class Participation)

## Day 2

Main Modules, Continued

    Stress State and Failure Criteria

    Retardation Models

    Residual Stresses

Preferences

Units

I/O Files

Examples (Class Participation)

Additional Capabilities

    Advanced Models

    Composite Patch Repair

    Crack Initiation

Environmental Data

## Day 3

Advanced Options

    COM (Class Participation)

    Plug-Ins

Closing Statements / Q&A Session

