Let 2009 be your year for improved efficiency, Higher Quality, and Higher Profits!

Give your employees -- new hires, machine operators, set–up people, engineers, top management -- a chance to learn some of the tricks of the Gear trade.

Use your training budget wisely!

Gear Consulting Group will present a 3-day course on what it takes to manufacture a quality gear, with emphasis on under-standing the basic gear theory as it applys to the different machining methods, and the problems associated with each process used to manufacture a gear.

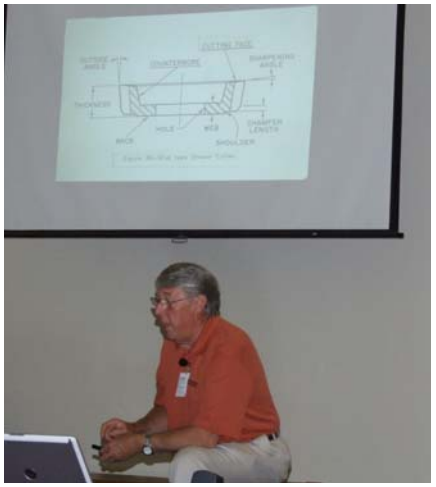
Educated employees are an excellent investment!

Particular attention is placed on the inspection of the part, and understanding the results of the inspection data so that the cause is identified and appropriate corrective action taken.

Our take-away materials give an advantage when looking at a problem on the work floor.

Participants are supplied with a workbook allowing them to follow the material, and encouraged to make notes for future reference.

AGMA supplies a Certificate of Completion after payment is received.



Instructor Geoff Ashcroft has 50+ years in the gear cutting tool and gear manufacturing industry.

Geoff has been writing and teaching gear-related material for over 30 years.

Plan NOW to attend the

Basic Gear Manufacturing Technology Course

December 9, 10, 11 – 2009

Hosted by

Gear Manufacturing Inc.
3721 E Miracle Avenue
Anaheim CA 92806

Tuition is $850 for each AGMA member enrollee, $950 for non–member companies enrollees. Tuition includes all associated daytime fees -- continental breakfast, lunch and take-home workbook.

Enrollees are responsible for overnight accommodations and evening meals.

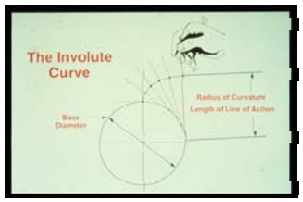
Registration is accepted on–line at www.gearconsultinggroup@aol.com.

GO to "School Schedule" then scroll to bottom of the page for registration form and instructions.

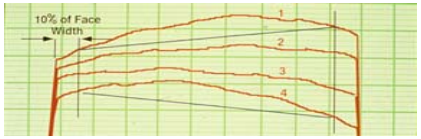
Gear Consulting Group will confirm your registration, and follow up with maps and suggested accommodations.

Subjects

- **The Basics – Gear Theory**

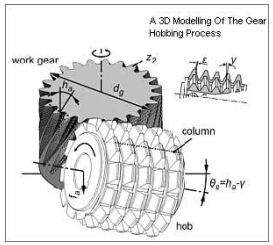


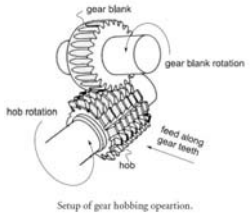
- **Inspection**
  Analyzing data and corrections



- **Manufacturing**
  Manual /Computerize machines

- **Gear Hobbing and Hob Shifting**

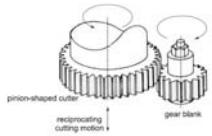




Setup of gear hobbing opeartion.

- **Gear Shaping**

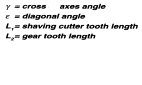
o

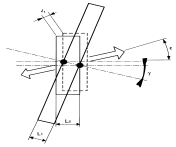


Setup of gear shaping opeartion with a pinion-shaped cutter.


Coated HSS pinion-shaped gear cutter.

- **Gear Shaving**





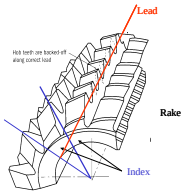
- **Cutting Speeds and Feeds**

  SFM =1200 / (BHN/100)^2

- **Cutter Materials**

- **Cutter Coatings**

- **Cutter Sharpening**
  - Sharpening errors and their effect



- **Tool Selection**

- **Manufacturing Standards**