Education Syllabus
Questions

- What work are actuaries doing in China now, and in the near future?
- What competencies do actuaries need to do that work?
- What specialist skills will be required to support those competencies?
Question 1- What work are actuaries doing in China, now and in the future?

- **Life**
  Control system – interest risk
  Pricing – profit testing
  Valuation – cash flow testing
  Financial reporting
  Review systems
  Agency project
  Filing products
  Reinsurance arrangement
  Term of assets vs. liabilities*
  Experience analysis
  Unit linked assets
  U/w – risk selection
  Investment
  Pension – state, employer and personal
Question 1- What work are actuaries doing in China, now and in the future? (cont’d)

- Non-life
  Rating
  Reserving
Question 1- What work are actuaries doing in China, now and in the future? (cont’d)

Later
Simulation
International accounting
Financial condition – sensitivities, stochastic modeling
Question 1- What work are actuaries doing in China, now and in the future? (cont’d)

- Later later
  Values for foreign shareholders
  Health
  Management
Question 2 – What other competencies do actuaries need to do that work?

- Communication
- Relationship building
- Regulator
- Tax
- Government
- Boss
- Project management/problem solving
- Leadership
Question 3 – What specialist skills will be required to support those competencies?

Key specialisations for study in depth in the Fellowship

• Control systems
• Pricing
• Valuation
• Experience analysis
Other comments

- In the Financial Management and Practical Life & Annuity syllabuses:
  - All competencies need to be covered
  - Depth is determined by the desired time to qualification
  - IAA accreditation comes soon after level of the China Associate examination
  - To meet FIA / FSA level would require even more depth in the Fellowship syllabus