

Department of Revenue 2017 Education Offering

Course: **IAAO 332 – Modeling Concepts**

Where: **Liquor Division Training Room**

6601 Campstool Road
Cheyenne, WY 82002

When: **September 11th – September 15th, 2017**

Class will run from 8:00 - 5:00 Monday through Thursday.
The exam will begin at 8:00 a.m. on Friday.

Course Description:

Course 332 - Modeling Concepts introduces and explains fundamentals of mass appraisal model building. Chapter 1 explains the role of models in mass appraisal and describes basic model structures and steps in model development. Chapter 2 covers exploratory data analysis, including descriptive statistics, charts and graphs, and spatial analyses. Chapter 3 describes data transformations, which largely determine the accuracy achieved for a given database. Chapter 4 introduces multiple regression analysis, including regression statistics and options, the interpretation of results, and separation of land and building values. Chapter 5 covers the review and support of mass appraisal values and chapter 6 describes mass appraisal reporting.

The course includes a large number of demonstrations and labs using Excel, which is capable of producing basic models for a limited number of variables. Follow-up courses 333 and 334 cover residential and commercial modeling, respectively, in more depth and use the powerful but user-friendly statistical package, SPSS, in labs and demonstrations. Thus this course serves as a foundation and bridge to IAAO's two follow-up model building courses. **A laptop with 2007 or later version of Excel will be required for this class, but not for the exam.**

Recommended: Course 300, Fundamentals of Mass Appraisal textbook (FMA), A solid working knowledge of Excel - 30 hours CE

Certification:

IAAO 332 will count towards the 90 hours needed for permanent certification with successful completion of the exam. For permanently certified staff, continuing education hours will be granted regardless of the exam results.

Hours: 30

Instructor: Barry Couch

Accommodations:

No special arrangements have been made for this class.

To register for IAAO 332 please return this completed form or email the department attention Justin McNamara at:

Department of Revenue
Property Tax Division
122 W 25th ST
Cheyenne, WY 82002
justin.mcnamara@wyo.gov

County: _____

Students:

- 1.
- 2.
- 3.
- 4.
- 5.

*Please let the department know if any of your staff will require ADA accommodations.