Agenda Item 3

Meeting Minutes March 13, 2025

APPRAISER CERTIFICATION BOARD MEETING MINUTES

Zoom Meeting

March 13, 2025, 9:00 a.m.

Members Present:

Members Absent:

Sorin Popa, Chair Jana Seddon, Vice Chair Lorna Quisenberry Chris Sarman Jayme Jacobs Catherine Starks

1. Public Comment.

There was no public comment

2. Introductions.

Chair Popa introduced new member Catherine Starks. Chali Spurlock, Program Officer I with the Department of Taxation (Department), took roll call. All members were present.

3. Review and Consideration for Approval of the November 14, 2024, Appraiser Certification Board Meeting Minutes.

Member Seddon motioned to approve the minutes; Member Quisenberry seconded. Motion carried.

- 4. Review and Consideration of Continuing Education Credit Hours.
 - a) GLVAR- Standards of Professional Conduct & the Law, 3 hours
 - b) IAAO- National USPAP Update Course, 7 hours
 - c) IAAO- Various Sessions 90th Annual Conference, Various
 - d) WGU- Applied Probability and Statistics, 36 hours
 - e) MCKISS- Best Practices-Bifurcated & Hybrid Appraisals, 3 hours
 - f) MCKISS- Green Building Concepts for Appraisers, 7 hours
 - g) MCKISS- That's a Violation-Appraisal Standards in the Real World, 4 hours
 - h) MCKISS- The Appraisal Landscape of Rural Residential Properties, 5 hours
 - i) MCKISS- Basic Hotel Appraising-Limited-Service Hotels, 7 hours
 - i) EAGLEVIEW Lunch and Learn, 2 hours
 - k) UNR Math 120 Fundamentals of College Mathematics, 36 hours
 - 1) DOT- Understanding Ma-Pa Projections, 1 hour
 - m) NAA- Using Alternative Methods of Valuation at CBOE and Beyond, 7 hours
 - n) IAAO-Building a Healthy Workplace Culture, 2 hours

Member Seddon requested to pull items c) IAAO- Various Sessions 90th Annual Conference, Various and l) DOT- Understanding Ma-Pa Projections, 1 hour.

Member Quisenberry requested to pull items a) GLVAR- Standards of Professional Conduct & the Law, 3 hours and n) IAAO, Building a Healthy Workplace Culture, 2 hours.

Member Quisenberry moved to approve agenda item 4 in its entirety, minus items a, c, l, and n. Member Seddon seconded the motion. Motion passed.

Item 4. a) GLVAR- Standards of Professional Conduct & the Law, 3 hours - Christina Griffith, Supervisor of Boards and Commissions with the Department, informed the Board this item was carried over from the prior meeting.

Member Quisenberry moved to deny; Member Sarman seconded. Motion passed.

Item 4. c) IAAO- Various Sessions 90th Annual Conference, Various - Member Quisenberry moved to approve the highlighted courses on pages ACB78-99; Member Seddon seconded. Member Sarman abstained due to presenting at the conference. Motion passed.

Item 4. 1) DOT- Understanding Ma-Pa Projections, 1 hour - Member Seddon moved to deny; Member Jacobs seconded the motion. Member Sarman voted in favor of the motion. Member Quisenberry, Member Popa, and Member Starks voted in opposition of the motion. Motion to deny passed.

Christina Griffith stated that a tie vote results in a motion that is denied.

Yvonne Nevarez-Goodson, Chief Deputy Executive Director for the Department, confirmed that a tie vote results in a denied motion.

Item 4. n) IAAO- Building a Healthy Workplace Culture, 2 hours - Member Quisenberry moved to deny; Member Seddon seconded. Motion passed.

5. Discussion and Clarification on NAC 361.567(4)(b).

Hector Sepulveda, Administrative Assistant IV for the Department, opened the discussion inquiring how the Board would like to approach classes that have already been approved but are held every year with an updated year class title change. Some classes were approved by the Board to take every two years, while statute says every three years.

Member Seddon recommended that updated classes be listed as new classes and should be put on the agenda.

Christina Griffith stated that the issue is the statute states a course can only be taken every three years. If the course name is kept the same and taken every two years, that violated the NAC. If the name of the course is changed, which makes it a new class, that will resolve the issue of violating NAC.

Member Seddon moved to put updated classes as a new class on the agenda. Member Quisenberry seconded the motion. Motion passed.

6. Briefing to and from Appraiser Certification Board and Department Staff (for discussion only).

Yvonne Nevarez-Goodson clarified the rule regarding abstention from voting on acceptance of a class for continuing education that is submitted by a member of the Board, confirming that a Board member may vote on such as the matter does not affect the member any more or less than any other appraiser who may take the class.

Hector Sepulveda stated that April 28 & 29, 2025, are the next testing dates. The next tentative dates are May 26 & 27, 2025. He further stated the Department may possibly hold testing in July as well.

Member Jacobs requested testing in July.

Member Seddon stated Ethics was held on March 3. ABC's and 123's class will be held April 22. Spring Education week is May 12-16, 2025. She further provided that the Marshall & Swift class is scheduled for August 2025 in Fallon.

7. Schedule Date and Review Agenda Topics for the Next Appraiser Certification Board Meeting (for possible action).

Next meeting will be scheduled for May 8, 2025.

8. Public Comment

There was no public comment

9. Adjournment.

Meeting adjourned at 9:48 a.m.

Agenda Item 4A

1) IAAO2024 GIS Valuation TechnologiesConference



Nevada Department of Taxation Property Tax Appraiser Continuing Education New Course Application

Return this form to: Division of Local Government Services 3850 Arrowhead Dr., 2nd Floor Carson City, Nevada 89706

Please Print or Type: COURSE INFORMATION (A person who wishes to receive contact hours for a course of continuing education that has not been previously approved, must apply for such approval.) TITLE NAME OF REQUESTER TITLE OF COURSE IAAO 2024 GIS Valuation Technologies Conference **URISA & International Association of Assessing Officers** 1. Course Summary: Program features three concurrent education tracks offering 24 sessions and 8 workshops. The three tracks included 1.) Modeling and Valuation Considerations, 2.) GIS Technologies, and 3.) Leadership and Development Policy. 2. What are the hours of instruction? 22.0 3. What is the completion date? Apr il 112024 SUBJECT CLASSIFICATION - CHECK ALL THAT APPLY ■ Mass Appraisal Concepts and Applications ☐ College or Professional Level Accounting, Finance, Statistics ☐ IAAO Standards or Other Appraisal Subjects Residential, Commercial/Industrial Appraisal **☐** GIS, Mapping, CAMA ☐ Unitary/Centrally Assessed Property Appraisal ☐ Laws Relating to Real Estate, Water or Mining ☐ Legal Documents (Deeds, Titles, Leases, etc.) ☐ Professional Ethics ☐ Nevada Statutes or Regulation, Appraisal or ☐ Other **Assessment Standards** If other, please describe why the course is applicable to appraisal and/or property tax. REQUIRED MATERIALS TO BE SUBMITTED WITH APPLICATION INCLUDE: **■** Detailed Course Outline Syllabus or Course Material For Department Use Only NUMBER OF CREDIT HOURS APPEARING ON TRANSCRIPT NUMBER OF CREDIT HOURS GRANTED MILESTONE APPLIED TO TOTAL HOURS FOR THIS MILESTONE

Title

Verified by:

Division of Local Government Services

Date

Place an "X" in the cell corresponding to the session(s) attended.

I certify that I attended the following education sessions during the conference dates shown on this document.

IAAO & URISA 2024 GIS Valuation Technologies Con	ference			
Monday, April 8, 2024				
Sessions	8:00am-5:	00pm	1:00pm-5	00pm
GIS Program Management (Full-Day Workshop)	8.0 🗆			
Using ArcGIS Dashboards and Experience Builder to Build Responsive and Powerful Dashboards (Full-Day Workshop)	8.00			
Strategic and Operational Planning (Full-Day Workshop)	8.0 🗆			
Updating CAMA Systems with Regression-based AVMs: Considerations for Office Leadership (Half-Day Workshop)			4.0 □	
Tuesday, April 9, 2024				
Sessions	8:30am- 10:00pm	10:30am- 12:00pm	2:00pm- 3:30pm	4:00pm- 5:00pm
Welcome & Keynote Address	0.0 🗆			
GIS 101 - Today's GIS for Assessors		1.5 □		
Insights on Analytics, Technology, and Assessing Energy Efficiency		1.50💢		
Disruptive Opportunities		1.5 🗆		
Local Government Data Sharing and Transparency: Bridging the Gap for Modern Information Access			1.5 🗆	
Harvesting Fairness: AVM's, Agriculture, and Equity			1.5725	
Unlocking Excellence and Telling Your Story			1.5 □	
City of Philadelphia - Enterprise GIS and Data Collection Using AI and ML				1.0 □
Tooele County's AVM Transition Success				1.00
Management, Leadership, and Innovation				1.0 □
Wednesday, April 10, 2024				
Sessions	9:00am- 10:00am	10:30am- 12:00pm	2:30pm- 3:30pm	3:45pm- 4:45pm
Approaches to Statewide Parcel Management	1.0 🗆			
Quantifying Bias in Vertical Inequity Detection Methods	1.0			
Bias in the Appeal Process	1.0 🗆			
Optimizing Tax Administration with GIS, Dashboards, and Business Intelligence		1.5 □		
Exploring Real Estate Dynamics: Navigating Cycles, Mapping Markets, and Land Conservation		1.5		
Identifying, Analyzing, and Correcting Racial and Social Bias in Assessments		1.5 🗆		
GIS for Assessment Professionals			1.0 □	
Don't Go Chasing Sales			1.00	
Writing Effective RFPs			1.0 □	
ArcGIS Pro Tasks and Python: Streamlining Parcel Workflow Reports				1.0 🗆
Harnessing Geospatial Data and Price Indices in Serbia				1.00
Changing the Office Culture				1.0 🗆

Thursday, April 11, 2024		
Sessions	9:00am-10:30am	1:00pm-5:00pm
Navigating the Challenges and Celebrating the Successes of GIS Modernization	1.5 🗆	
Unlocking the "Magic" of AI in Property Valuation	1.5/🔀	
Effectively Managing Teams	1.5 □	
How To Use Large Language Models in GIS and Valuation Workflows (Half-Day Workshop)		4.0 □
Parcel Mapping in ArcGIS Pro (Half-Day Workshop)		4.0 □
Mastering Market Segmentation: A Comprehensive Workshop on Tools, Techniques, and Strategies (Half-Day Workshop)		4.0
Converting SPSS Regression Models to Python Regression Models using Jupyter Notebook (Half-Day Workshop)		4.0 □

CAPACITY REACHED

Using ArcGIS Dashboards and Experience Builder to Build Responsive and Powerful Dashboards (Full-Day Workshop) Monday, April 8, 2024 - 8:00 AM - 5:00 PM

Instructors: Lauren Voelker, Senior Solutions Engineer, Esri

Daniel Fasteen, Ph.D., Senior Research Scientist, Tyler Technologies

Experience the power of building amazing dashboards to visualize your data! Intuitive data visualization tools such as web applications and dashboards are essential for the understanding of geospatial phenomena for both Assessors and taxpayers alike. These tools provide an easy-to-use way to derive quick and meaningful insights into community trends such as sales, neighborhoods, or other assessor related data. The value added through the creation of data visualizations and web applications can help assessment offices streamline workflows, provide taxpayers and assessors with the most up-to-date data, and allow for a meaningful understanding of the local community and neighborhoods.

This workshop will walk participants through the creation of several Assessor dashboards with emphasis on sales analysis and incorporate them into a single responsive application. The goal is to present a mass amount of data which can be overwhelming at times, in a simple and effective way. Displaying multiple data visualizations on a single screen supports dynamic data exploration and informed decision-making. The workshop is geared toward the professional who would like to understand the applicability of GIS technology as it relates to the Assessor's office function. This workshop will provide attendees an in-depth and handson introduction to WebGIS using ArcGIS Online.

This workshop will be interactive, and participants will be using several ArcGIS Online application builders to create an interactive and responsive application. Each section will introduce the topic and include a hands-on portion. The exercises will build upon each other throughout the day.

The following topics will be discussed:

Morning:

- · Choosing the right app.
- · ArcGIS Online basics.
- · Navigate, collect data, and create a web map!
- Overview of ArcGIS Dashboards.
- · Create simple dashboards.

Afternoon:

- Dashboards (cont.)
- · Overview of ArcGIS Experience Builder.
- Create an experience.

Insights on Analytics, Technology, and Assessing Energy Efficiency

Symphony II

Explore the forefront of property assessment with presentations that delve into cutting-edge analytics, technological advancements, and the critical issue of energy efficiency. These sessions offer valuable insights showcasing a comprehensive tool for swift income analytics, emphasizing the need to adapt to technology in a data-centric world, and addressing the challenges of assessing energy efficiency amidst limited high-quality data.

- Bringing Income Analytics to Life
 Brent Hudson, CAE, Manager-Valuation, Research, & Advisory Services, MPAC, ON, Canada
 Edward Osmar, Property Valuation Specialist, MPAC, ON, Canada
- Ideas To Level Up Your Assessment Game: Leveraging Technology and Ideas for Better Outcomes
 Jimmy Williams, MSc, CPE, Supervisor of Mass Appraisal, Philadelphia Office of Property Assessment, Philadelphia, PA
 Alex Raju, CPE, Supervisor, Philadelphia Office of Property Assessment, Philadelphia, PA
- Modeling Energy Efficiency in the Absence of High Quality Data: An International Perspective
 Luc Hermans, Data Scientist, Netherlands Council for Real Estate Assessment, The Hague, Netherlands
 Peadar Davis, Senior Lecturer, Ulster University, Belfast, UK

Harvesting Fairness: AVM's, Agriculture, and Equity

Symphony II

Discover the significance of tailored automated valuation models (AVMs) for agricultural properties, ensuring accurate and equitable assessments. Also, explore case studies revealing challenges in property assessment, including under-valuation and problematic tax exemptions, with a focus on the role of GIS analysis in uncovering inconsistencies across states.

- GIS Analysis of Under-Valuation and Problematic Exemptions: Five Examples from Five States (30 min)
 Mark Leipnik, Ph.D., Professor, Deportment of Geosciences, Sam Houston State University, Huntsville, TX
 Hilda Jepkorir, Graduate student, SHSU
- Using Spatial AVMs to Estimate Market Value of Agricultural Properties (60 min)
 Paul Bidanset, Founder/Researcher, Center for Appraisal Research and Technology
 Lauren Voelker, Senior Solutions Engineer, Esri

Tooele County's AVM Transition Success

Symphony II

In this session, Tooele County shares its journey of transitioning away from the cost approach for property assessment in their vast and sparsely populated region. They discuss the decision to utilize Automated Valuation Model (AVM) values, redraw neighborhood boundaries with regression, and evaluate vertical equity, highlighting substantial improvements in valuation accuracy and equity achieved at a fraction of the cost of a full-time employee.

 Small County Quits Cost Approach: A How-To Guide & Why Jake Parkinson, Assessor Coordinator, Valuebase, Austin, TX

Quantifying Bias in Vertical Inequity Detection Methods

Symphony II

Dive into the critical statistical considerations often overlooked in the debate surrounding vertical inequity detection in property appraisal.

 Vertical Inequity Detection - Quantifying Bias in Various Methods Across Multiple Scenarios Josh Myers, Statistician, Josh Myers Valuation Solutions, Chesapeake, VA

Exploring Real Estate Dynamics: Navigating Cycles, Mapping Markets, and Land Conservation

Symphony II

These presentations collectively explore diverse aspects of the real estate and property assessment landscape. The first explores market cycles, particularly the ongoing expansion phase in 2024, and its impact on decision-making in the industry. The second focuses on defining homogenous market areas, crucial for accurate property assessments. The third explores the economic effects of land conservation efforts, emphasizing their benefits for both businesses and communities.

- Spinning the Real Estate Market Cycle: Imminent Recession of Extended Expansion 2024 Ronnie Phillips, CIPS, Commercial Real Estate Advisor/Economist
- Property Market Delineation In Search for Homogenous Areas Determination
 Marek Walacik, Ph.D., MRICS, Assistant Professor, The University of Warmia and Mazury, Poland
 Artur Janowski, Professor, University of Warmia and Mazury, Poland

Don't go Chasing Sales

Symphony II

Explore the multifaceted concept of sales chasing and its implications on property valuation and modeling. It covers methods to identify, prevent, and rectify sales chasing practices, ultimately enhancing understanding and equitability in assessment rolls.

Sales Chasing/Selective Assessment
 Edie McCarthy, Assessor, Town of Greenburgh, Greenburgh, NY

Harnessing Geospatial Data and Price Indices in Serbia

Symphony II

This session showcases the GeoSerbia website and its public information services, illustrating its role in the development of mass valuation models. It also explains the creation and implementation of Serbia's Housing Price Index. Additionally, trends in Data Mining and Valuation Utilizing Spatial Data, which explores cutting-edge data mining methods driven by geospatial data and the spatial relationships to generate characteristic data for mass valuation.

- Powering Through Serbian Real Estate Market with Price Indices and Geo Serbia
 Ivana Štrbac, Head of Real Estate Valuation Department, Republic Geodetic Authority, Belgrade, Serbia
- Innovative Trends in Data Mining and Valuation Utilizing Spatial Data
 Russ Thimgan, President, Thimgan & Associates, La Junta, CO
 Ivana Štrbac, Head of Real Estate Valuation Department, Republic Geodetic Authority, Belgrade, Serbia

Unlocking the "Magic" of AI in Property Valuation

Symphony II

These sessions dive into the application of artificial intelligence (AI) in property valuation. The first presentation introduces a method to measure market representation using AI, addressing its importance and simplification. The second session focuses on AI-driven explainability in models, emphasizing transparency and customization for ethical considerations. The final presentation explores AI's role in improving the comparable sales approach, offering theoretical insights and practical applications for advanced audiences.

- Measuring Model-Market Representation. A HI Heuristic to simplify AI Complexity
 Alex Raju, CPE, Supervisor, Philadelphia Office of Property Assessment, Philadelphia, PA
 Kevin Keene, Owner/Operator, Keene Mass Appraisal Consulting
- Customized Model Explainability Approaches for Machine Learning
 James Ellens, MRICS, Senior Manager, Data Science, Municipal Property Assessment Corporation, ON, Canada Mostafa Hosseinian, Data Analyst, Municipal Property Assessment Corporation, Ontario, Canada
- Comparable Sales in the Age of Artificial Intelligence
 Joseph Wehrli, Enterprise Architecture Manager, Tyler Technologies, Inc.
 Lanyue (Larry) Wang, Lead Software Engineer, Tyler Technologies, Inc.

Mastering Market Segmentation: A Comprehensive Workshop on Tools, Techniques, and Strategies (Afternoon Half-Day Workshop)

Symphony III

Mastering Market Segmentation: A Comprehensive Workshop on Tools, Techniques, and Strategies (Afternoon Half-Day Workshop) Thursday, April 11, 2024 - 1:00 - 5:00 PM

Instructors: Paul Bidanset, Founder/Researcher, Center for Appraisal Research and Technology Daniel Fasteen, Ph.D., Senior Research Scientist, Tyler Technologies, Inc.

In today's ever-evolving valuation technology landscape, understanding how to effectively segment markets is crucial for success in using all valuation approaches. This workshop is designed to equip you with the knowledge and tools you need to excel in this critical aspect of analysis.

Unlock Market Segmentation Techniques and Tools: Delve into a comprehensive array of tools, algorithms, and methods employed by industry professionals to segment markets successfully. Whether you are new to market segmentation or looking to refine your skills, our workshop promises to empower you with the expertise you need. We will guide you through the utilization of market segmentation tools using ESRI, R, and Python. From basic clustering techniques to sophisticated forest tree algorithms and advanced interpolation methods, you will gain a comprehensive understanding of these powerful tools.

Hands-On, Interactive Experience: This workshop is not just about theory; it is about practical application. Attendees will have the opportunity to actively participate and apply what they learn. To facilitate this, we will provide you with a dataset to work on. If you have access to ArcGIS Pro or R, you can follow along in real time.

Have a Say in What You Learn: We value your input! If you have specific tools or methodologies you would like to see discussed during the session, we encourage you to submit your suggestions to daniel.fasteen@tylertech.com. This workshop is all about catering to your needs and interests.

Join us to explore the world of market segmentation analysis, gain hands-on experience, and discover how to leverage cutting-edge tools and techniques for understanding your data. Don't miss this opportunity to take your market analysis skills to the next level!

Agenda Item 4A

2) IAAO2025 GIS ValuationTechnologies Conference



Nevada Department of Taxation Property Tax Appraiser Continuing Education New Course Application

Return this form to: Division of Local Government Services 3850 Arrowhead Dr., 2nd Floor Carson City, Nevada 89706

Please Print or Type:	5 5.ly, 18 add 55 55
COURSE INFORMATION (A person who wishes	to receive contact hours for a course of continuing education
that has not been previously approved, must approved, must approved that have of requester	
NAME OF REQUESTER	TITLE
TITLE OF COURSE	
Using ArcGIS Dashboards and Experience Builder, GIS for Asset	ssors, Moneyball for Commercial Real Estate, Transforming Property Assessments,
VENDOR/PROVIDER Cracking the code of Vertical Inequity, From Ski IAAO & GPN 2025 GIS/Valuation Technologies	etchy Records to Solid Revenue, SHAPs and Rec, Valuation age of Machine Learning S Conference
1. Course Summary:	
	by IAAO & GPN 2025 GIS/Valuation Technologies. Topics include the use of GIS and dashboard
	ta. Classes enhanced data integrity, refine valuation models and improve the accessibility
of property information.	
 2. What are the hours of instruction? 17 total hours of the completion date? 3/2/2025 - 3/6/2025 	
SUBJECT CLASSIFICATION - CHECK ALL THAT	APPLY
■ Mass Appraisal Concepts and Applications ■ IAAO Standards ■ Residential, Commercial/Industrial Appraisal □ Unitary/Centrally Assessed Property Appraisal □ Legal Documents (Deeds, Titles, Leases, etc.) □ Nevada Statutes or Regulation, Appraisal or Assessment Standards	 □ College or Professional Level Accounting, Finance, Statistics or Other Appraisal Subjects ■ GIS, Mapping, CAMA □ Laws Relating to Real Estate, Water or Mining ■ Professional Ethics □ Other
If other, please describe why the course is applic	cable to appraisal and/or property tax.
REQUIRED MATERIALS TO BE SUBMITTED WITH Detailed Course Outline Syllabus or Course Material	H APPLICATION INCLUDE:
SIGNATURE	
Requi	
Or Department Use Only NUMBER OF CREDIT HOURS GRANTED NUMBER OF CREDIT HOURS APPEAR	RING ON TRANSCRIPT MILESTONE APPLIED TO TOTAL HOURS FOR THIS MILESTONE
orified by:	

Title

Division of Local Government Services

Date



INTERNATIONAL ASSOCIATION of ASSESSING OFFICERS

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UNIFORM REQUEST FOR RECERTIFICATION CREDIT

This form was developed for your convenience in reporting continuing education to various appraisal organizations. It <u>does not imply</u> <u>automatic acceptance</u> by any organization of an educational program. Each appraisal organization retains its own recertification requirements and procedures for requesting credit. A copy of the program brochure or outline may be required.

- 1. This form must be completed in its entirety. PLEASE TYPE OR PRINT!
- 2. Please submit a copy to each organization from which you are requesting credit.
- 3. It is suggested that you keep a photocopy of each form submitted.

STATE LICENSE #	TYPE OF LICENSE	
ORGANIZATION TO WHICH SUBMITTED	DESIGNATION	MEMBER #
MEMBER NAME	23.0 hours max NUMBER OF INSTRUCT	IONAL HOURS
GPN & International Association of Assessing Officers SPONSORING ORGANIZATION	Columbus, Ohio PROGRAM LOCATION	
28th GIS/Valuation Technologies Conference TITLE OF PROGRAM		
March 3 - 6, 2025 PROGRAM DATES	See program for deta INSTRUCTOR / PRESENT	ils
Program features three concurrent education tracks offering 24 sessions and Valuation Considerations, 2) GIS Technologies and 3) Leadership I	, plus 3 general sessions. The three Development and Policy.	e tracks include 1) Modelin
DESCRIPTION OF ACTIVITY AND CONTENT		
EVIDENCE OF COMPLETION (SIGNATURE AND TITLE OF PROGRAM OFFICIA	L OR INSTRUCTOR)	
I certify that I have completed the above-described professional activity. I am disciplinary action.	aware that any misrepresentations by	me may become subject to
SIGNATURE OF MEMBER		DATE
TITLE OF EDUCATIONAL PROGRAM DESCRIBED ABOVE	FOR OFFIC	E USE ONLY
MEMBER NAME		
MAILING ADDRESS		
CITY STATE / PROVINCE ZIP CODE		

Place an "X" in the cell corresponding to the session(s) attended.

I certify that I attended the following education sessions during the annual conference dates shown on this document.

You must attend the entire session to receive credit. No partial credit will be given.

AAO & GPN 2025 GIS/Valuation Technologies Confe				
Monday, March 3, 2025	8:00am-5:0	00pm	1:00pm-5:	00pm
Sessions	8.0 □			
Leveraging the ArcGIS Pro Parcel Fabric (Full-Day Workshop)	8.0 🗷			
Jsing ArcGIS Dashboards and Experience Builder to Build Responsive and Powerful Dashboards (Full-Day Workshop)	0.0 🙇			
Strategic and Operational Planning (Full-Day Workshop)	8.0 🗆			
Converting SPSS Regression Models to Python Regression Models Using Jupyter Notebook (Half-Day Workshop)			4.0 🗆	
Tuesday, March 4, 2025		1 12 22	0.00	4.00000
Sessions	8:30am- 10:00pm	10:30am- 12:00pm	2:00pm- 3:30pm	4:00pm- 5:00pm
Welcome & Keynote Address	0.0 🗆			
GIS for Assessors: From Zero to Hero Without Losing Your Mind		1.5 ⊠		
Valuation Unchained: Machine Learning's New Neighborhood		1.5 🗆		
GIS Parcel Data for the Nation		1.5 🗆		
From Flat Maps to Fancy Digital Twins: How to Avoid a Property Tax Meltdown (and Maybe Even Impress Your Boss)			1.5 🗆	
Moneyball for Commercial Real Estate: Sales, Income, and Al Models			1.5🗷	
Choose Your Story: An Interactive Guide to Management Methods for			1.5 🗆	1.05
Transforming Property Assessments: Leveraging GIS/ValTech for Efficiency and Equity				1.0 🗹
It's Always Sunny AVM's in the Northeast				1.0 🗆
Imminent Recession or Extended Expansion?				1.0 🗆
Wednesday, March 5, 2025				1
Sessions	9:00am- 10:00am	10:30am- 12:00pm	2:30pm- 3:30pm	3:45pm 5:00pm
GIS: Making Property Taxes Less Taxing	1.0 □			
Cracking the Code of Vertical Inequity	1.0 ⊠			
From Sketchy Records to Solid Revenue: How Tech is Saving Assessors from Headaches		1.5 ⊠		
Game of Homes: Navigating Valuation Factors and Hidden Risks		1.5 □		
Multiagency Contract Collaboration & Shifting Organizational Culture		1.5 🗆		
Using Cutting-Edge GIS: Technological Transformation at the Valuation Office Agency (VOA)			1.0 🗆	
SHAPs and Rec: Navigating Valuation with SHAP and Time Trend Methods			1.0 ⊠	
Enhancing Appraisal Operations with Mobile and Desktop Technology			1.0 🗆	
A Perfect Storm: Using GIS to Help Weather Record Value Change				1.0 🗆

Thursday, March 6, 2025			1 4 00
Sessions	9:00am- 10:30am	11:00am- 12:00pm	1:00pm- 5:00pm
From Biased Brains to Brilliant Decisions: How to Outsmart Your Own	1.5 □		
Mind and Conquer Data Chaos Valuations in the Age of Machine Learning	1.5 ☑		
Successful Storytelling for State and Local Government	1.5 🗆		
Advancing Fairness and Accuracy: Al and Machine Learning in Mass Appraisal		1.0 🗆	
Parcel Mapping in ArcGIS Pro Workshop (Half-Day Workshop)			4.0 🗆
Introduction to Spatial AVMs in Excel: Incorporating Spatial Variables into Regression Analysis (Half-Day Workshop)			4.0 🗆
How to Be a Good Leader AND a Good Manager (Half-Day Workshop)			4.0 🗆

Using ArcGIS Dashboards and Experience Builder to Build Responsive and Powerful Dashboards (Full-Day) Workshop

Monday, March 3, 2025 - 8:00 AM - 5:00 PM (8 hours)

Instructor(s): Lauren Voelker, Senior Solution Engineer, Esri, St. Louis, MO Daniel Fasteen, Ph.D., Senior Research Scientist, Tyler Technologies

Experience the power of building amazing dashboards to visualize your data! Intuitive data visualization tools such as web applications and dashboards are essential for the understanding of geospatial phenomena for both Assessors and taxpayers alike. These tools provide an easy-to-use way to derive quick and meaningful insights into community trends such as sales, neighborhoods, or other assessor related data. The value added through the creation of data visualizations and web applications can help assessment offices streamline workflows, provide taxpayers and assessors with the most up-to-date data, and allow for a meaningful understanding of the local community and neighborhoods.

This workshop will walk participants through the creation of several Assessor dashboards with emphasis on sales analysis and incorporate them into a single responsive application. The goal is to present a mass amount of data which can be overwhelming at times, in a simple and effective way. Displaying multiple data visualizations on a single screen supports dynamic data exploration and informed decision-making. The workshop is geared toward the professional who would like to understand the applicability of GIS technology as it relates to the Assessor's office function. This workshop will provide attendees an in-depth and hands-on introduction to WebGIS using ArcGIS Online.

This workshop will be interactive, and participants will be using several ArcGIS Online application builders to create an interactive and responsive application. Each section will introduce the topic and include a *hands-on portion*. The exercises will build upon each other throughout the day.

Hands-on workshop: Workshop participants will use their own computer/laptops for the exercises, using calculation tools provided by the workshop.

GIS for Assessors: FromZero to Hero Without Losing Your Mind Tuesday, March 4, 2025 10:30-12pm (1.5 hours)

Exploring GIS for Assessors
 Brent Jones, PE, PLS, Land Records Industry Manager, Esri
 Lauren Voelker, Senior Solution Engineer, Esri

Buckle up, assessors! This session is your one-way ticket to GIS greatness. Whether you're a GIS newbie or a seasoned pro, we'll show you how to harness the power of maps to make your job easier (and maybe even a little bit fun). Learn how to wrangle parcel data, spot property value outliers like a hawk, and explain those pesky assessments to stakeholders without breaking a sweat.

We'll even throw in some AI magic and field workflow tips to keep things interesting. Trust us, you'll leave this session feeling like a GIS superhero (cape not included).

Moneyball for Commercial Real Estate: Sales, Income, and Al Models Tuesday, March 4, 2025 2-3:30pm (1.5 hours)

- Commercial Sales and Income Models
 Robert Gloudemans, FIAAO, Mass Appraisal Consultant, AZ
- Valuation of Multi-Purpose Buildings
 Kevin Keene, Owner/Operator, Keene Mass Appraisal Consulting, Philadelphia, PA

This session explores the key variables that drive successful commercial sales and income models. It compares sales and income models, examining when each is most appropriate, and highlights the benefits of Al in model formats. The session also offers insights into integrating these models with CAMA systems and addresses challenges in valuing mixed-use buildings by applying location and use-specific rates.

Transforming Property Assessments: Leveraging GIS/ValTech for Efficiency and Equity Tuesday, March 4, 2025 4-5pm (1 hour)

- Using GWR to Suggest Spatial Patterns of Inequity: The Development of a New Webapp by the Lincoln Institute of Land Policy
 Ron Rakow, Fellow, Lincoln Institute of Land of Land Policy
 Paul Bidanset, Mass Valuation Data Scientist and Researcher Center for Appraisal Research Technology
- Strategies to Transform Land Records & Assessment Workflows Using GIS
 Kyle Wikstrom, MGIS, GISP, Solutions Director, Pro-West & Associates, Walker, MN

This session will explore how GIS and valuation technologies are transforming property assessments by addressing both efficiency and equity. Attendees will learn about key strategies such as parcel management, value analysis, and stakeholder engagement, which enhance data integrity, refine valuation models, and improve the accessibility of property information. So, grab your thinking caps and get ready to transform your property data game!

Cracking the Code of Vertical Inequity Wednesday, March 5, 2025 9-10am (1 hour)

Proposing a New Market Value Proxy for Vertical Inequity Detection
 Josh Myers, Mass Appraisal Consultant, Josh Myers Valuation Solutions, Chesapeake, VA

This session will address the often-overlooked challenge of selecting the best market value proxy when detecting vertical inequity in mass valuations. Using a real-world dataset and Monte Carlo simulations, the presentation will demonstrate how bias varies with different proxies. Finally, a new statistical market value proxy will be introduced to improve valuation accuracy.

From Sketchy Records to Solid Revenue: How Tech is Saving Assessors from Headaches Wednesday March 5, 2025 10:30am - 12:00pm (1.5 hours)

- Support Cyclical Reassessments with Street Level Imagery
 Bill Wetzel, Account Executive-Midwest, Cyclomedia Technology, Inc., Middleton, WI
 Shayne Gray, GIS Director, Clark County Auditor's Office, Springfield, OH
- Sketch Verification: The Key to Uncovering Lost Revenue and Boosting Accuracy with Medina County,
 OH

John Hunter, Director of Information Technology and Strategy, Medina County, OH Tim Horak, Director, Government Marketing, EagleView

Get ready to ditch those dusty old blueprints and embrace the digital revolution! This session will show you how high-tech tools like street-level imagery and LiDAR are transforming the way assessors do their jobs. We'll take you on a behind-the-scenes tour of how Medina County, OH is using these tools to catch property tax dodgers and keep their records squeaky clean. Then, we'll head over to Medina County to see how they're using sketch verification to uncover hidden revenue and streamline their assessment process. You'll learn how to spot those sneaky property changes, recover lost tax dollars, and maybe even impress your boss (or at least avoid getting fired). So, grab your gadgets and get ready to geek out on GIS!

SHAPs and Rec: Navigating Valuation with SHAP and Time Trend Methods Wednesday March 5, 2025 2:30pm - 3:30pm (1 hour)

- Practical Implementation of Rocket Science in Developing Time Trends
 Jeremy Eye, Senior Data Analyst, Boulder County Assessor's Office, CO
 Wendell Salas, Senior Data Analyst, Boulder County Assessor's Office, CO
- Enhancing Ratio Studies with AI: Identifying Sources of Inequity with SHAP Values
 Paul Bidanset, Founder/Research Scientist, Center for Appraisal Research and Technology, Virginia
 Beach, VA
 Joe Wehrli, Enterprise Architect, Tyler Technologies

This session will showcase how machine learning and SHAP values can reveal inequities in property valuations, offering actionable insights into the drivers of disparities. Join this session to also explore a comparison of current time trend methods with the Kalman filter approach for building time adjustments, enhancing valuation accuracy.

Valuations in the Age of Machine Learning Thursday March 6, 2025 9:00am - 10:30am (1.5 hours)

- Latest Al Trends and Their Impact on Mass Appraisal Shail Jain, CEO, Farragut Systems, Durham, NC
- Cowculating the Promise of Machine Learning in Assessment
 Will Jarvis, Founder & CEO, and Jake Parkinson, Assessor Consultant, Valuebase

This presentation explores the transformative role of AI technologies, such as machine learning and computer vision, in enhancing accuracy, efficiency, and fairness in mass property appraisal. By examining AI applications like automated valuation models (AVMs), image recognition, and predictive analytics, attendees will gain insight into how AI improves property valuations. The session will also address ethical considerations, biases, and future directions in the field, offering practical case studies and implementation tips for assessors.

Agenda Item 4A

3) IAAO
Valuing Properties with
Renewable Energy
Resources



Nevada Department of Taxation Property Tax Appraiser Continuing Education New Course Application

Return this form to: Division of Local Government Services 3850 Arrowhead Dr., 2nd Floor Carson City, Nevada 89706

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. What are the hours of instruction? 15	
. What is the completion date? 12/17/2024	
UBJECT CLASSIFICATION - CHECK ALL THAT	APPLY
I Mass Appraisal Concepts and Applications	☐ College or Professional Level Accounting, Finance, Statistics
IAAO Standards	or Other Appraisal Subjects
Residential, Commercial/Industrial Appraisal Unitary/Centrally Assessed Property Appraisal	☐ GIS, Mapping, CAMA☐ Laws Relating to Real Estate, Water or Mining
Legal Documents (Deeds, Titles, Leases, etc.)	□ Professional Ethics
Nevada Statutes or Regulation, Appraisal or Assessment Standards	□ Other
other, please describe why the course is applic	cable to appraisal and/or property tax.
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WORKSHOP 265

Valuing Properties with Renewable Energy Resources

Student Reference Manual





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Certificate of Achievement

The International Association of Assessing Officers presents this Certificate to



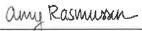
to recognize satisfactory completion of

265 - Valuing Properties with Renewable Energy Resources

15.00 CEUs

Presented this day

December 17, 2024



Executive Director, IAAO

Agenda Item 4A

4) MWSU ACC 201 Financial Accounting



Nevada Department of Taxation Property Tax Appraiser Continuing Education New Course Application

Return this form to:
Division of Local Government Services
3850 Arrowhead Dr., 2nd Floor
Carson City, Nevada 89706

Please Print or Type: COURSE INFORMATION (A person who wishes to receive contact hours for a course of continuing education that has not been previously approved, must apply for such approval.) NAME OF REQUESTER TITLE OF COURSE ACC 201 Financial Accounting VENDOR/PROVIDER Missouri Western State University 1. Course Summary: See Attached 2. What are the hours of instruction? 36 3. What is the completion date? Spring 1998 SUBJECT CLASSIFICATION - CHECK ALL THAT APPLY ☐ Mass Appraisal Concepts and Applications **■** College or Professional Level Accounting, Finance, Statistics ☐ IAAO Standards or Other Appraisal Subjects ☐ Residential, Commercial/Industrial Appraisal ☐ GIS, Mapping, CAMA ☐ Unitary/Centrally Assessed Property Appraisal ☐ Laws Relating to Real Estate, Water or Mining ☐ Legal Documents (Deeds, Titles, Leases, etc.) ☐ Professional Ethics ☐ Nevada Statutes or Regulation, Appraisal or ☐ Other Assessment Standards If other, please describe why the course is applicable to appraisal and/or property tax. REQUIRED MATERIALS TO BE SUBMITTED WITH APPLICATION INCLUDE: **■** Detailed Course Outline ☐ Syllabus or Course Material SIGNATURE Requestor Signature

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Division of Local Government Services	Title		Date

ACC 201 Introductory Financial Accounting Credits: 3

Typically Offered: Fall, Spring.

Course Description: An introduction to accounting for accounting and non-accounting majors. Accounting's role in the business environment. Accounting information acquisition, processing, reporting, and interpretation. Income statements, balance sheets, statements of cash flow, and statements of stockholders' equity and their related accounts explained from an information content perspective. **Prerequisite(s):** General Studies Math. Business majors must earn a grade of C or higher in MAT 110, MAT 110E, MAT 111, MAT 111E, MAT 112, MAT 116, MAT 147, or MAT 167.

Agenda Item 4A

5) MWSU ACC 202 Introductory Managerial Accounting



Nevada Department of Taxation Property Tax Appraiser Continuing Education New Course Application Return this form to:

Return this form to: Division of Local Government Services 3850 Arrowhead Dr., 2nd Floor Carson City, Nevada 89706

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CC 202 Introductory Managerial Ac	counting	
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I. Course Summary: ee Attached		
2. What are the hours of instruction? 36		
. What is the completion date? Fall 1998		
SUBJECT CLASSIFICATION - CHECK ALL THA	T APPLY	
Mass Appraisal Concepts and Applications IAAO Standards Residential, Commercial/Industrial Appraisal Unitary/Centrally Assessed Property Appraisal Legal Documents (Deeds, Titles, Leases, etc.)	 ■ College or Professional Level or Other Appraisal Subjects □ GIS, Mapping, CAMA □ Laws Relating to Real Estate, □ Professional Ethics 	
I Nevada Statutes or Regulation, Appraisal or Assessment Standards	☐ Other	
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Detailed Course Outline Syllabus or Course Material SIGNATURE Requestor Signature or Department Use Only	Date	TOTAL HOURS FOR THIS MILESTONE

ACC 202 Introductory Managerial Accounting Credits: 3

Typically Offered: Fall, Spring, Summer.

Course Description: An introduction to managerial accounting for users of managerial accounting information.

Managerial accounting's functions, uses, users, and behavioral implications. Cost accounting concepts and strategic cost

management. Budgeting and profitability analysis. Responsibility accounting and performance assessment.

Prerequisite(s): ACC 201.

Agenda Item 4A

6) MWSU ECO 260 Principles of Macroeconomics



Nevada Department of Taxation Property Tax Appraiser Continuing Education New Course Application

Return this form to: Division of Local Government Services 3850 Arrowhead Dr., 2nd Floor Carson City, Nevada 89706

Please Print or Type: COURSE INFORMATION (A person who wishes to receive contact hours for a course of continuing education that has not been previously approved, must apply for such approval.) TITLE TITLE OF COURSE ECO 260 Principles of Macroeconomics Missouri Western State University 1. Course Summary: See Attached 2. What are the hours of instruction? 36 3. What is the completion date? Spring 1998 SUBJECT CLASSIFICATION - CHECK ALL THAT APPLY ■ College or Professional Level Accounting, Finance, Statistics ☐ Mass Appraisal Concepts and Applications ☐ IAAO Standards or Other Appraisal Subjects ☐ GIS, Mapping, CAMA ☐ Residential, Commercial/Industrial Appraisal ☐ Laws Relating to Real Estate, Water or Mining ☐ Unitary/Centrally Assessed Property Appraisal □ Professional Ethics ☐ Legal Documents (Deeds, Titles, Leases, etc.) ☐ Other ☐ Nevada Statutes or Regulation, Appraisal or Assessment Standards If other, please describe why the course is applicable to appraisal and/or property tax. REQUIRED MATERIALS TO BE SUBMITTED WITH APPLICATION INCLUDE: ■ Detailed Course Outline ☐ Syllabus or Course Material **SIGNATURE** Requestor Signature For Department Use Only TOTAL HOURS FOR THIS MILESTONE NUMBER OF CREDIT HOURS APPEARING ON TRANSCRIPT MILESTONE APPLIED TO NUMBER OF CREDIT HOURS GRANTED

Title

Verified by:

Division of Local Government Services

Date

ECO 260 Principles of Macroeconomics Credits: 3

Typically Offered: Fall, Spring, Summer.

Course Description: Introduction to basic principles of economics with emphasis on the analysis of unemployment, GDP,

inflation, and public debt; discusses fiscal and monetary theories and public policies.

CORE 42: MOTR ECON 101; Introduction to Macroeconomics (attribute MO11)



Agenda Item 4A

7) MWSU ECO 261 Principles of Microeconomics



Nevada Department of Taxation Property Tax Appraiser Continuing Education New Course Application

Return this form to: Division of Local Government Services 3850 Arrowhead Dr., 2nd Floor Carson City, Nevada 89706

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ECO 261 Principles of Microeconomics Credits: 3

Typically Offered: Fall, Spring, Summer.

Course Description: Introduction to economic fundamentals with emphasis on supply and demand analysis, factor

markets, different market structures, international economics, and various economic problems.

CORE 42: MOTR ECON 102; Introduction to Microeconomics (attribute MO11)



Agenda Item 4A

8) MCKISS Appraising Condominium Units



Nevada Department of Taxation Property Tax Appraiser Continuing Education New Course Application

New Course Application
Return this form to:
Division of Local Government Services
3850 Arrowhead Dr., 2nd Floor
Carson City, Nevada 89706

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TITLE OF COURSE	
Appraising Condominium Units	
McKissock	
1. Course Summary: see attached	
2. What are the hours of instruction?3.0 hours	
3. What is the completion date? 4/28/2025	
SUBJECT CLASSIFICATION - CHECK ALL THAT	APPLY
☐ Mass Appraisal Concepts and Applications	To II
 ☐ IAAO Standards ☐ Residential, Commercial/Industrial Appraisal ☐ Unitary/Centrally Assessed Property Appraisal ☐ Legal Documents (Deeds, Titles, Leases, etc.) ☐ Nevada Statutes or Regulation, Appraisal or Assessment Standards 	☐ College or Professional Level Accounting, Finance, Statistics or Other Appraisal Subjects ☐ GIS, Mapping, CAMA ☐ Laws Relating to Real Estate, Water or Mining ☐ Professional Ethics ☐ Other
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□ IAAO Standards ■ Residential, Commercial/Industrial Appraisal □ Unitary/Centrally Assessed Property Appraisal □ Legal Documents (Deeds, Titles, Leases, etc.) □ Nevada Statutes or Regulation, Appraisal or Assessment Standards If other, please describe why the course is applic REQUIRED MATERIALS TO BE SUBMITTED WITT □ Detailed Course Outline □ Syllabus or Course Material SIGN	or Other Appraisal Subjects GIS, Mapping, CAMA Laws Relating to Real Estate, Water or Mining Professional Ethics Other cable to appraisal and/or property tax. H APPLICATION INCLUDE:

Date

Title

Division of Local Government Services

Certificate of Completion

This is to certify that



has successfully completed <u>Live Webinar: Appraising Condominium Units</u> (<u>Approval Number # CE.0009493-A</u>) for 3 hour(s) of continuing education credit for recertification in the state of Nevada. The course was completed on Monday April 28, 2025 given via distance education at:

www.mckissock.com

Instructor: Rob McClelland

Andrea Ledford

Signature of Authorized Representative



McKissock - P.O. Box 1673 - Warren, Pennsylvania - 16365 - 814.723.6979

LIVE WEBINAR: APPRAISING CONDOMINIUM UNITS

\$99

1 1 - 1

LIVESTREAM

ELECTIVE

(3 HRS

05/27/2025 11:00AM

2:00PM PDT

Instructor

Rob McClelland

After single family homes, condominiums are the second largest property type appraised in the U.S.A. While valuing a residential condominium may, at first glance, seem more straightforward than other residential properties; there are many elements to consider when valuing these properties. Whether you are new or are experienced at valuing residential condominiums, this course offers insight and discussion specific to condominium properties.

This course will provide an overview of the Individual Condominium Unit Appraisal Report (Form 1073/465) and the pertinent items to consider in each section of the report. The material covered is relevant to appraisals completed for lending and non-lending purposes. Additionally, this course contains material pertinent to condominium projects and the customary condominium documents.

Upon completion of this course, participants will be able to:

- Identify the key attributes of condominium ownership and recognize how it differs from PUD and cooperative ownership.
- Summarize the importance of condominium documents for valuing condominium properties.
- Identify the primary elements of comparison of residential condominium properties.

View Full Details

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Agenda Item 4A

9) MCKISS
Appraising 2-4 Unit
Residences



Nevada Department of Taxation Property Tax Appraiser Continuing Education New Course Application

Return this form to: Division of Local Government Services 3850 Arrowhead Dr., 2nd Floor Carson City, Nevada 89706

Please Print or Type:

COURSE INFORMATION (A person who wishes to receive contact hours to	for a course of continuing educatior
that has not been previously approved, must apply for such approval.)	
NAME OF REQUESTER	TITLE

NAME OF REQUESTER	TITLE
TITLE OF COURSE	
Appraising 2-4 Unit Residences	
VENDOR/PROVIDER MCKissock	
IVICNISSOCK	
Course Summary: This course will provide appraisers with instruction on how to appraise 2-4 unit	ilt residences, and features numerous examples and case studies.
2. What are the hours of instruction? 7	
3. What is the completion date? Online	
SUBJECT CLASSIFICATION - CHECK ALL THAT	APPLY
■ Mass Appraisal Concepts and Applications □ IAAO Standards ■ Residential, Commercial/Industrial Appraisal □ Unitary/Centrally Assessed Property Appraisal □ Legal Documents (Deeds, Titles, Leases, etc.) □ Nevada Statutes or Regulation, Appraisal or Assessment Standards	 □ College or Professional Level Accounting, Finance, Statistics or Other Appraisal Subjects □ GIS, Mapping, CAMA □ Laws Relating to Real Estate, Water or Mining □ Professional Ethics □ Other
If other, please describe why the course is application	able to appraisal and/or property tax.
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Division of Local Government Services Tit	ille Date

Appraising 2-4 Unit Residences

≡ Table of Contents

Appraising 2-4 Unit Residences

\$149.00

You are set to receive certificates for this course in the following state(s).

Nevada

Add/Edit States

View Cart



My Courses Certificates Course Catalog







NV Course Evaluation Form 612B

About the Course Instructor

Regulatory Requirements

About the Course

Introduction

The appraisal of 2-4 unit residences poses unique and special challenges for appraisers. Many appraisers are not familiar with the appraisal methods and techniques used in appraising this type of property.

Secondary mortgage market entities (Fannie Mae and Freddie Mac), and government agencies (FHA and VA) have specific requirements and guidelines for appraising this type of property. Furthermore, state appraisal enforcement agencies have identified 2-4 unit appraisals as an area where deficiencies are commonly found.

This course will provide appraisers with instruction on how to appraise 2-4 unit residences, and features numerous examples and case studies.

Course access is available for 6 months from the day it is opened. All courses, regardless of whether they have been opened, expire two years from the date of purchase. Extensions are available for purchase within 30 days of a course expiring. No extensions will be granted after this period.

Course Outline

- 1. Welcome and Introduction
- 2. Basics of 2-4 Unit Appraisal
- 3. Market, Site, and Improvement Analysis
- 4. Sales Comparison
- 5. Estimating Market Rent
- 6. Developing the Income Approach via GRM
- 7. Capitalization of Annual NOI
- 8. Form 216: Operating Income Statement
- 9. Final Exam

Feedback

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Agenda Item 4A

10) WNC Math 124 College Algebra



Nevada Department of Taxation Property Tax Appraiser Continuing Education New Course Application Return this form to:

Return this form to:
Division of Local Government Services
3850 Arrowhead Dr., 2nd Floor
Carson City, Nevada 89706

Please Print or Type:

COURSE INFORMATION (A person who wishes to receive contact hours for a course of continuing ed	ucation
that has not been previously approved, must apply for such approval.)	

NAME OF REQUESTER	,	TITI F
TITLE OF COURSE College Algebra		
/ENDOR/PROVIDER		
Vestern Nevada College (WNC)		
Course Summary: ers equations and inequalities; relations and functions; linear, quadratic, polynomial, ex	oonential, and logarithmic functions; system	ms of linear equations.
2. What are the hours of instruction? 36		
3. What is the completion date? Fall 2012		
SUBJECT CLASSIFICATION - CHECK ALL THAT	APPLY	
 □ Mass Appraisal Concepts and Applications □ IAAO Standards □ Residential, Commercial/Industrial Appraisal □ Unitary/Centrally Assessed Property Appraisal □ Legal Documents (Deeds, Titles, Leases, etc.) □ Nevada Statutes or Regulation, Appraisal or Assessment Standards 	or Other Appraisal : □ GIS, Mapping, CAM	A eal Estate, Water or Mining
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Course #	Course Title	Credits
MATH124	College Algebra	3 Credits

Prerequisites: Success in intermediate algebra, algebra II, MATH 96 or similar course is recommended as preparation for this course. Students should meet with a WNC Counselor to determine readiness based on placement or equivalent exam, high school coursework, or other factors. Covers equations and inequalities; relations and functions; linear, quadratic, polynomial, exponential, and logarithmic functions; systems of linear equations.

Course #	Course Title	Credits
MATH128	Precalculus and Trigonometry	5 Credits

Prerequisites: MATH 096 with a grade of C- or better or appropriate score on the WNC math placement or equivalent exam or three units of high school mathematics at the level of algebra and above with a grade of C- or better within the last three years. Studies relations, functions and their graphs; polynomial, rational, exponential, logarithm and trigonometric functions; analytic trigonometry; systems of equations and inequalities; conics; mathematical induction; sequences and series.

Course #	Course Title	Credits
STAT152	Introduction to Statistics	3 Credits

Prerequisites: Success in intermediate algebra, algebra II, MATH 96 or similar course is recommended as preparation for this course. Students should meet with a Counselor to determine readiness based on placement or equivalent exam, high school coursework, or other factors. Introduces statistics, probability models, statistical estimation and hypothesis testing, linear regression analysis, and special topics.

Agenda Item 4A

11) WNC Stats 152 Statistics



Nevada Department of Taxation Property Tax Appraiser Continuing Education New Course Application Return this form to:

Return this form to:
Division of Local Government Services
3850 Arrowhead Dr., 2nd Floor
Carson City, Nevada 89706

	to receive contact hours for a course of continuing education
that has not been previously approved, must app	oly for such approval.)
TITLE OF COURSE Statistics	,
VENDOR/PROVIDER	
Western Nevada College (WNC)	
Course Summary: Introduces statistics, probability models, statistical estimation and h	nypothesis testing, linear regression analysis, and special topics.
2. What are the hours of instruction? 36	
3. What is the completion date? Spring 2014	
SUBJECT CLASSIFICATION - CHECK ALL THAT	APPLY
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If other, please describe why the course is applic	eable to appraisal and/or property tax.
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Division of Local Government Services

Course #	Course Title	Credits
MATH124	College Algebra	3 Credits

Prerequisites: Success in intermediate algebra, algebra II, MATH 96 or similar course is recommended as preparation for this course. Students should meet with a WNC Counselor to determine readiness based on placement or equivalent exam, high school coursework, or other factors. Covers equations and inequalities; relations and functions; linear, quadratic, polynomial, exponential, and logarithmic functions; systems of linear equations.

Course #	Course Title	Credits
MATH128	Precalculus and Trigonometry	5 Credits

Prerequisites: MATH 096 with a grade of C- or better or appropriate score on the WNC math placement or equivalent exam or three units of high school mathematics at the level of algebra and above with a grade of C- or better within the last three years. Studies relations, functions and their graphs; polynomial, rational, exponential, logarithm and trigonometric functions; analytic trigonometry; systems of equations and inequalities; conics; mathematical induction; sequences and series.

Course #	Course Title	Credits
STAT152	Introduction to Statistics	3 Credits

Prerequisites: Success in intermediate algebra, algebra II, MATH 96 or similar course is recommended as preparation for this course. Students should meet with a Counselor to determine readiness based on placement or equivalent exam, high school coursework, or other factors. Introduces statistics, probability models, statistical estimation and hypothesis testing, linear regression analysis, and special topics.

Agenda Item 4A

12) DVC
BUSAC 187 Managerial
Accounting



Nevada Department of Taxation Property Tax Appraiser Continuing Education New Course Application

Return this form to: Division of Local Government Services 3850 Arrowhead Dr., 2nd Floor Carson City, Nevada 89706

Please Print or Type:
COURSE INFORMATION (A person who wishes to receive contact hours for a course of continuing education

that has not been previously approved, must ap	pply for such approval.)
	THEE
TITLE OF COURSE	
Managerial Accounting	
Diablo Valley College	
1. Course Summary:	
Please see attached.	
2. What are the hours of instruction? 36	
3. What is the completion date? Summer 2015	
SUBJECT CLASSIFICATION - CHECK ALL THA	T APPLY
☐ Mass Appraisal Concepts and Applications	☐ College or Professional Level Accounting, Finance, Statistics
☐ IAAO Standards	or Other Appraisal Subjects
☐ Residential, Commercial/Industrial Appraisal ☐ Unitary/Centrally Assessed Property Appraisal	☐ GIS, Mapping, CAMA ☐ Laws Relating to Real Estate, Water or Mining
Legal Documents (Deeds, Titles, Leases, etc.)	☐ Professional Ethics
■ Nevada Statutes or Regulation, Appraisal or Assessment Standards	□ Other
Abbessment otalidates	
If other, please describe why the course is appl	licable to appraisal and/or property tax.
REQUIRED MATERIALS TO BE SUBMITTED WI	ITH APPLICATION INCLUDE:
Syllabus or Course Material	
SIGNATURE	
	04/15/2025
R	04/13/2023 Date
/	
or Department Use Only	
NUMBER OF CREDIT HOURS GRANTED NUMBER OF CREDIT HOURS APPE	EARING ON TRANSCRIPT MILESTONE APPLIED TO TOTAL HOURS FOR THIS MILESTONE
/erified by:	

Page 1 of 1

LGS-T004 V2023.2

BUSAC-182 Computer Income Tax Return Preparation - Individuals

1.5 units SC

- 18 hours lecture/27 hours laboratory per term
- Recommended: BUSAC-285 and eligibility for ENGL-122 or equivalents
- · Note: Course may be repeated when software program changes. Only the first course completed will be applied toward a degree or certificate requirement. Units for both courses will apply towards the 60 units required for the degree. The laboratory (lab) hours for this course may be offered as face to face lab or online lab. See schedule of classes for specific requirements.

This is a course that uses a popular tax software program or online filing system to prepare income tax returns for an individual. Topics will include the basic tax formula, filing status, exemptions, dependents and the procedures for creating a taxpayer file and processing income, deductions, credits, capital gains and losses, and business activities to produce a final tax return. CSU

BUSAC-185 QuickBooks Accounting for Business I

- 18 hours lecture/27 hours laboratory per term
 Recommended: BUSAC-181 or BUSAC-186 and eligibility for ENGL-122 or equivalents
- . Note: Students may petition to repeat this course when software or hardware is changed. Only the first course completed will be applied toward a degree or certificate requirement. Units for both courses will apply towards the 60 units required for the degree.

This is an introductory course in the application of basic accounting knowledge and theory in QuickBooks software. The course content includes sales, invoicing and receivables, payables and purchases, general accounting, financial statements, and end-of-period procedures for a service business. This course builds upon knowledge of bookkeeping principles, CSU

BUSAC-186 Financial Accounting

4 units SC

- · 72 hours lecture per term
- · Recommended: Eligibility for ENGL-122 or equivalent
- Note: Students seeking an introduction to bookkeeping techniques should register for BUSAC-181 - Applied Accounting.

This course presents the theory, practices and procedures of accounting. The importance of accounting and the use of financial statements by investors, creditors, and others making financial, investment, or regulatory decisions will be examined. Topics include transactions reporting and the accounting cycle, accounting for cash, receivables, inventory, plant and intangible assets, long-term investments, time value of money, liabilities, stockholders' equity, an introduction to analyzing financial statements, and accounting ethics. The application of generally accepted accounting principles and international financial reporting standards will also be covered. C-ID ACCT 110, CSU, UC

BUSAC-187 Managerial Accounting

4 units SC

- 72 hours lecture per term
- Prerequisite: BUSAC-186 or equivalent

This course presents the study of how managers use accounting information in decision-making, planning, directing operations and controlling. The focus is on cost terms and concepts, cost behavior, cost structure and costvolume-profit analysis. Issues relating to cost systems, cost control, profit planning, and performance analysis in manufacturing and service environments will also be covered. C-ID ACCT 120, CSU, UC

BUSAC-188 QuickBooks Accounting for Business II

1.5 units SC

- 18 hours lecture/27 hours laboratory per term
- Recommended: BUSAC-185 and eligibility for ENGL-122 or equivalents
- Note: Course may be repeated when software program changes. Only the first course completed will be applied toward a degree or certificate requirement. Units for both courses will apply towards the 60 units required for the degree. The laboratory (lab) hours for this course may be offered as face to face lab or online lab. See schedule of classes for specific requirements.

A second level course in computer accounting for business using a recognized software program. Focus will be on developing skills to create a set of records and applications for a merchandising business including sales and receivables, payables and purchases, and end-of-period procedures. Topics will also include payroll and payroll tax reporting and related preparation of employee earnings reports. CSU

BUSAC-190 Payroll Accounting

1.5 units SC

- 27 hours lecture per term
- Recommended: Eligibility for ENGL-122 or equivalent This course covers payroll accounting functions. Topics include how to calculate wages, determine required employer and employee tax deductions, process payroll, and file required reports. Employment legislation and tax laws that affect payroll will also be covered. CSU

BUSAC-282 Intermediate Accounting I

4 units SC

- 72 hours lecture per term
- · Prerequisite: BUSAC-186 or equivalent

 Recommended: BUSAC-187 or equivalent This advanced financial accounting course builds on the

material presented in BUSAC-186. Topics include accounting and reporting for assets, liabilities, and their associated financial impact on earnings. Current issues regarding financial statement preparation and interpretation will also be covered. CSU

Agenda Item 4A

13) DVC
BUSAC 186 Financial
Accounting



Nevada Department of Taxation Property Tax Appraiser Continuing Education New Course Application Return this form to:

Division of Local Government Services 3850 Arrowhead Dr., 2nd Floor Carson City, Nevada 89706

Please Print or Type:
COURSE INFORMATION (A person who wishes to receive contact hours for a course of continuing education

that has not been previously approved, must app		
NAME OF REQUESTER	TITLE	
TITLE OF COURSE		
Financial Accounting		
VENDOR PROVIDER Diablo Valley College		
1. Course Summary: Please see attached.		
2. What are the hours of instruction? 36		
3. What is the completion date? Summer 2014		
SUBJECT CLASSIFICATION - CHECK ALL THAT	APPLY	
■ Mass Appraisal Concepts and Applications ■ IAAO Standards ■ Residential, Commercial/Industrial Appraisal ■ Unitary/Centrally Assessed Property Appraisal ■ Legal Documents (Deeds, Titles, Leases, etc.) ■ Nevada Statutes or Regulation, Appraisal or Assessment Standards ■ College or Professional Level Accounting, Finance, Statistics or Other Appraisal Subjects ■ GIS, Mapping, CAMA ■ Laws Relating to Real Estate, Water or Mining ■ Professional Ethics ■ Other		
If other, please describe why the course is applic	able to appraisal and/or property tax.	
REQUIRED MATERIALS TO BE SUBMITTED WITH Detailed Course Outline Syllabus or Course Material	A APPLICATION INCLUDE:	
SIGNATURE		
	04/15/2025	
	Date	
or Department Use Only		
NUMBER OF CREDIT HOURS GRANTED NUMBER OF CREDIT HOURS APPEAR	ING ON TRANSCRIPT MILESTONE APPLIED TO TOTAL HOURS FOR THIS MILESTONE	
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Page 1 of 1

LGS-T004 V2023.2

BUSAC-182 Computer Income Tax Return Preparation - Individuals

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- 18 hours lecture/27 hours laboratory per term
- Recommended: BUSAC-285 and eligibility for ENGL-122 or equivalents
- · Note: Course may be repeated when software program changes. Only the first course completed will be applied toward a degree or certificate requirement. Units for both courses will apply towards the 60 units required for the degree. The laboratory (lab) hours for this course may be offered as face to face lab or online lab. See schedule of classes for specific requirements.

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BUSAC-185 QuickBooks Accounting for Business I

- 18 hours lecture/27 hours laboratory per term
 Recommended: BUSAC-181 or BUSAC-186 and eligibility for ENGL-122 or equivalents
- . Note: Students may petition to repeat this course when software or hardware is changed. Only the first course completed will be applied toward a degree or certificate requirement. Units for both courses will apply towards the 60 units required for the degree.

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BUSAC-186 Financial Accounting

- · 72 hours lecture per term
- · Recommended: Eligibility for ENGL-122 or equivalent
- Note: Students seeking an introduction to bookkeeping techniques should register for BUSAC-181 - Applied Accounting.

This course presents the theory, practices and procedures of accounting. The importance of accounting and the use of financial statements by investors, creditors, and others making financial, investment, or regulatory decisions will be examined. Topics include transactions reporting and the accounting cycle, accounting for cash, receivables, inventory, plant and intangible assets, long-term investments, time value of money, liabilities, stockholders' equity, an introduction to analyzing financial statements, and accounting ethics. The application of generally accepted accounting principles and international financial reporting standards will also be covered. C-ID ACCT 110, CSU, UC

BUSAC-187 Managerial Accounting

4 units SC

- 72 hours lecture per term
- Prerequisite: BUSAC-186 or equivalent

This course presents the study of how managers use accounting information in decision-making, planning, directing operations and controlling. The focus is on cost terms and concepts, cost behavior, cost structure and costvolume-profit analysis. Issues relating to cost systems, cost control, profit planning, and performance analysis in manufacturing and service environments will also be covered. C-ID ACCT 120, CSU, UC

BUSAC-188 QuickBooks Accounting for Business II

1.5 units SC

- 18 hours lecture/27 hours laboratory per term
- Recommended: BUSAC-185 and eligibility for ENGL-122 or equivalents
- Note: Course may be repeated when software program changes. Only the first course completed will be applied toward a degree or certificate requirement. Units for both courses will apply towards the 60 units required for the degree. The laboratory (lab) hours for this course may be offered as face to face lab or online lab. See schedule of classes for specific requirements.

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BUSAC-190 Payroll Accounting

1.5 units SC

- · 27 hours lecture per term
- Recommended: Eligibility for ENGL-122 or equivalent This course covers payroll accounting functions. Topics include how to calculate wages, determine required employer and employee tax deductions, process payroll, and file required reports. Employment legislation and tax laws that affect payroll will also be covered. CSU

BUSAC-282 Intermediate Accounting I

4 units SC

be covered. CSU

- 72 hours lecture per term
- · Prerequisite: BUSAC-186 or equivalent Recommended: BUSAC-187 or equivalent

This advanced financial accounting course builds on the material presented in BUSAC-186. Topics include accounting and reporting for assets, liabilities, and their associated financial impact on earnings. Current issues regarding financial statement preparation and interpretation will also

PROGRAM/COURSE DESCRIPTIONS chapter four DIABLO VALLEY COLLEGE CATALOG 2019-2020

Agenda Item 4A

14) DVC BUS 240 Business Statistics



Nevada Department of Taxation Property Tax Appraiser Continuing Education New Course Application Return this form to:

Return this form to: Division of Local Government Services 3850 Arrowhead Dr., 2nd Floor Carson City, Nevada 89706

Please Print or Type:

IAME OF REQUESTER	TITLE
LE UF COURSE	
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. Course Summary:	
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What are the hours of instruction? 38	
. What is the completion date? Summer 2014	
what is the completion date?	
UBJECT CLASSIFICATION - CHECK ALL THAT	T APPLY
Mass Appraisal Concepts and Applications	■ College or Professional Level Accounting, Finance, Statistic
IAAO Standards	or Other Appraisal Subjects
Residential, Commercial/Industrial Appraisal	GIS, Mapping, CAMA
Unitary/Centrally Assessed Property Appraisal	□ Laws Relating to Real Estate, Water or Mining □ Professional Ethics
Legal Documents (Deeds, Titles, Leases, etc.) Nevada Statutes or Regulation, Appraisal or	Other
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Assessment Standards	
Assessment Standards	
	cable to appraisal and/or property tax.
	cable to appraisal and/or property tax.
	cable to appraisal and/or property tax.
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Page 1 of 1 LGS-T004 V2023.2

BUS-210 Introduction to e-Business

3 units SC

- · 54 hours lecture per term
- . Note: Eligibility for ENGL-122 or equivalent

This course provides an introduction to the modern world of e-business and e-commerce. Topics include e-business models and strategy, e-commerce platforms, multi-channel marketing and advertising, electronic payments and digital currency, security risks as well as important ethical and legal issues in e-business and e-commerce. E-business and e-commerce trends will also be discussed, including peer-to-peer commerce and on-demand service models, business-to-business models, e-marketplaces, global e-business infrastructure and supply chain management, as well as the roles of social networks and mobile platforms. CSU

BUS-240 Business Statistics

3 units SC

equivalent.

- 54 hours lecture/18 hours laboratory per term
- Prerequisite: Placement into BUS-240; or MATH-119; MATH-119SP; or MATH-120; or MATH-120SP; or assessment process or

This course is an introduction to concepts, tools, methods and models employed in reasoning with numbers and in presenting cogent statistical arguments or solutions. Students are introduced to organizational, analytical and inference-making processes, using sample data to graphically and numerically describe samples, including identifying varying levels of measurement possible in variables and their implications for statistical computation and inferencemaking. The course details how to estimate confidence intervals, test hypotheses and develop projections for inferential purposes in a variety of contexts and disciplines such as business, social science, biology, economics, and health science. Many different probability distributions are covered: poisson, binomial, normal, student-t, chi-sq, F-distribution and others. Performing Analysis of Variance (ANOVA), estimating simple and multiple regressions, and making inference from such analysis is a major theme of this course. The use of spreadsheet-based software to compute statistics in large-data applications is an important part of lab work. C-ID MATH 110, CSU, UC (credit

limits may apply to UC-see counselor)

BUS-250 Business Communications

3 units SC

- 54 hours lecture per term
- Recommended: BUS-101 and eligibility for ENGL-122 or equivalents
- Note: Credit by examination option available.

This course presents the principles of effective and ethical communication in the creation of letters, memos, and emails. Written and oral reports for a variety of business situations are also covered. The course also explores planning, organizing, composing, and revising business documents, as well as the use of presentation software to create and deliver professional-level reports. CSU

BUS-261 Investments

3 units SC

- 54 hours lecture per term
- Recommended: BUS-109 or equivalent

This is a comprehensive course that provides an overview of financial markets and financial assets such as stocks, bonds and mutual funds, develops a basic understanding of how to value different financial assets and select investment opportunities, and improves research and analytical skills for better investment decision making, CSU

BUS-294 Business Law

3 units SC

- 54 hours lecture per term
- Recommended: BUS-109 and eligibility for ENGL-122 or equivalents

This course presents a general overview of the specific areas of the legal environment that affect individuals and businesses with an emphasis on contracts, including the Uniform Commercial Code, Article 2. Legal history, civil procedure, constitutional law, torts, intellectual property, cyber law, criminal law, international law, labor and employment law, and agency will also be covered. C-ID BUS 125, CSU. UC

BUS-295 Occupational Work Experience Education in BUS

1-4 units SC

- · May be repeated three times
- Variable hours
- Note: In order to enroll in BUS-295, students must be employed, register for the course, complete an online Employment Form, and participate in an orientation. Employment Form can be accessed at www.dvc.edu/ wrkx. Incomplete grades are not awarded for this course.

BUS-295 is supervised employment that extends classroom learning to the job site and relates to the studentis chosen field of study or area of career interest. Under the supervision of a college instructor, students will engage in on-the-job and other learning experiences that contribute to their employability skills and occupational or educational goals. Five hours work per week or seventy-five hours work per term is equal to one unit. Students may earn up to a maximum of sixteen units; repetition allowed per Title 5 Section 55253. CSU

Agenda Item 4A

15) DVC ECON 220 Principles of Macroeconomics



Nevada Department of Taxation Property Tax Appraiser Continuing Education New Course Application Return this form to:

Return this form to: Division of Local Government Services 3850 Arrowhead Dr., 2nd Floor Carson City, Nevada 89706

Please Print or Type:

	TITLE
TLE OF COURSE	
rinciples of Macroeconomics	
ENDOR/PROVIDER	
iablo Valley College	
I. Course Summary:	
ease see attached.	
2. What are the hours of instruction? 36	
3. What is the completion date? Fall 2014	
SUBJECT CLASSIFICATION - CHECK ALL THAT	APPLY
Mass Appraisal Concepts and Applications I IAAO Standards	College or Professional Level Accounting, Finance, Statistics or Other Appraisal Subjects
Residential, Commercial/Industrial Appraisal	GIS, Mapping, CAMA
Unitary/Centrally Assessed Property Appraisal	■ Laws Relating to Real Estate, Water or Mining
	☐ Professional Ethics ☐ Other
	☐ Professional Ethics ☐ Other
Nevada Statutes or Regulation, Appraisal or Assessment Standards	Other
Nevada Statutes or Regulation, Appraisal or Assessment Standards	Other
Nevada Statutes or Regulation, Appraisal or Assessment Standards	Other
Nevada Statutes or Regulation, Appraisal or Assessment Standards f other, please describe why the course is applic	Cable to appraisal and/or property tax.
Nevada Statutes or Regulation, Appraisal or Assessment Standards f other, please describe why the course is application appli	Cable to appraisal and/or property tax.
□ Legal Documents (Deeds, Titles, Leases, etc.) □ Nevada Statutes or Regulation, Appraisal or Assessment Standards f other, please describe why the course is applicate the course is applicated to the course is applicated to the course of	Cable to appraisal and/or property tax.
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Page 1 of 1 LGS-T004 V2023.2

Economics

Students transferring to a CSU campus that accepts the degree will be required to complete no more than 60 units after transfer to earn a bachelor's degree. This degree may not be the best option for students intending to transfer to a particular CSU campus or to a university or college that is not part of the CSU system, or those students who do not intend to transfer.

Students must complete each course used to meet a major requirement with a "C" grade or higher. Some courses in the major satisfy both major and CSUGE/IGETC general education requirements; however, the units are only counted once toward the 60 unit requirement for an associate degree. Some variations in requirements may exist at certain fouryear institutions; therefore, students who intend to transfer are advised to refer to the catalog of the prospective transfer institution and consult a counselor.

ECON-220	Principles of Macroeconomics 3
ECON-221	Principles of Microeconomics
plus at least 3	B units from:
BUS-240	Business Statistics3
MATH-142	Elementary Statistics with Probability4
plus at least 4	
MATH-182	Calculus for Management, Life Science and
	Social Science I4
MATH-192	Analytic Geometry and Calculus I5
plus at least 3	B units from:
BUS-294	Business Law
BUSAC-186	Financial Accounting 4
	Managerial Accounting 4
MATH-181	Finite Mathematics3
MATH-193	Analytic Geometry and Calculus II5
plus at lagat S	2 units from any source above not already used as
ECON-101	B units from any course above not already used or: Economics of Public Issues
ECON-200	Introduction to Economics
MATH-194	Linear Algebra
MATH-292	Analytic Geometry and Calculus III5
	total minimum units for the major 10

ECON-101 **Economics of Public Issues**

3 units SC

208

- 54 hours lecture per term
- Recommended: Eligibility for ENGL-122 or equivalent This course examines economic aspects of selected current public issues such as price controls, crime, education, poverty, pollution, international trade, and taxes. It will analyze the role of economics as a social science in understanding causes of and policies for dealing with current public issues. CSU, UC (credit limits may apply to UC - see counselor)

ECON-200 Introduction to Economics

3 units SC

- 54 hours lecture per term
- Recommended: Eligibility for ENGL-122 or equivalent This course is a survey of the basic principles of economics, including both microeconomics and macroeconomics. Concepts such as market supply and demand, market structures, resource markets, business cycles, fiscal policy, the Federal Reserve System, and international trade are introduced. CSU, UC (credit limits may apply to UC - see counselor)

ECON-220 Principles of Macroeconomics

3 units

- 54 hours lecture per term
 Prerequisite: MATH-120 or MATH-120SP or equivalent
- Recommended: Eligibility for ENGL-122 or equivalent

This course provides an introduction to fundamental economic principles that recur throughout economics such as scarcity, opportunity cost, marginal decision making and the gains from trade. Macroeconomics focuses on broad economic aggregates such as total output, employment, the price level and the rate of economic growth. The course also examines fiscal and monetary policies and institutions, and applies macroeconomic theories to current economic issues. C-ÎD ECON 202, CSU, UC

ECON-221 **Principles of Microeconomics**

3 units SC

- · 54 hours lecture per term
- Prerequisite: MATH-120 or MATH-120SP or equivalent
- Recommended: Eliaibility for ENGL-122 or equivalent

This course provides an introduction to fundamental microeconomic principles. Topics

include a detailed study of the market mechanism, the elasticity properties of the demand and supply curves, how individuals make decisions about consumption and labor supply, how firms make decisions about how and how much to produce, and why some goods do not lend themselves to private production. The course also examines types of market structure and current economic issues. C-ID ECON-201, CSU, UC

ECON-255 **Topics in Economics**

.3-4 units SC

Variable hours

A supplemental course in economics to provide a study of current concepts and problems in economics and related substantive areas. Specific topics will be announced in the schedule of classes. CSU

Agenda Item 4A

16) DVC ECON 221 Principles of Microeconomics



Nevada Department of Taxation Property Tax Appraiser Continuing Education New Course Application

Return this form to:
Division of Local Government Services
3850 Arrowhead Dr., 2nd Floor
Carson City, Nevada 89706

Please Print or Type:
COURSE INFORMATION (A person who wishes to receive contact hours for a course of continuing education

NAME OF REQUESTER	
	TITLE
TITLE OF COURSE	
Principles of Microeconomics	
Diablo Valley College	
1. Course Summary:	
lease see attached.	
2. What are the hours of instruction? 36	
3. What is the completion date? Summer 2015	
SUBJECT CLASSIFICATION - CHECK ALL THAT	APPLY
T Mana Annual Comments and Annual Comments	E Callana as Brafassianal I and Assaurting Figures Statistics
☐ Mass Appraisal Concepts and Applications ☐ IAAO Standards	College or Professional Level Accounting, Finance, Statistics or Other Appraisal Subjects
Residential, Commercial/Industrial Appraisal	GIS, Mapping, CAMA
☐ Unitary/Centrally Assessed Property Appraisal ☐ Legal Documents (Deeds, Titles, Leases, etc.)	☐ Laws Relating to Real Estate, Water or Mining ☐ Professional Ethics
■ Nevada Statutes or Regulation, Appraisal or	Other
Assessment Standards	
If other, please describe why the course is appli	cable to appraisal and/or property tax.
REQUIRED MATERIALS TO BE SUBMITTED WIT	TH APPLICATION INCLUDE:
Detailed Course Outline Syllabus or Course Material	
Syllabus or Course Material	
	0.414519005
Syllabus or Course Material	04/15/2025
Syllabus or Course Material	04/15/2025 Date
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Sylabus or Course Material SIGNATURE	Date

Page 1 of 1 LGS-T004 V2023.2

Economics

major requirements

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ECON-101 **Economics of Public Issues**

3 units SC

208

- 54 hours lecture per term
- Recommended: Eligibility for ENGL-122 or equivalent This course examines economic aspects of selected current

public issues such as price controls, crime, education, poverty, pollution, international trade, and taxes. It will analyze the role of economics as a social science in understanding causes of and policies for dealing with current public issues. CSU, UC (credit limits may apply to UC - see counselor)

ECON-200 Introduction to Economics

3 units SC

- 54 hours lecture per term
- Recommended: Eligibility for ENGL-122 or equivalent This course is a survey of the basic principles of economics, including both microeconomics and macroeconomics. Concepts such as market supply and demand, market structures, resource markets, business cycles, fiscal policy, the Federal Reserve System, and international trade are introduced. CSU, UC (credit limits may apply to UC - see counselor)

ECON-220 Principles of Macroeconomics

3 units SC

units

- 54 hours lecture per term
 Prerequisite: MATH-120 or MATH-120SP or equivalent
- Recommended: Eligibility for ENGL-122 or equivalent

This course provides an introduction to fundamental economic principles that recur throughout economics such as scarcity, opportunity cost, marginal decision making and the gains from trade. Macroeconomics focuses on broad economic aggregates such as total output, employment, the price level and the rate of economic growth. The course also examines fiscal and monetary policies and institutions, and applies macroeconomic theories to current economic issues. C-ÎD ECON 202, CSU, UC

ECON-221 Principles of Microeconomics

3 units SC

- · 54 hours lecture per term
- Prerequisite: MATH-120 or MATH-120SP or equivalent
- · Recommended: Eligibility for ENGL-122 or equivalent

This course provides an introduction to fundamental microeconomic principles. Topics

include a detailed study of the market mechanism, the elasticity properties of the demand and supply curves, how individuals make decisions about consumption and labor supply, how firms make decisions about how and how much to produce, and why some goods do not lend themselves to private production. The course also examines types of market structure and current economic issues. C-ID ECON-201, CSU, UC

ECON-255 **Topics in Economics**

.3-4 units SC

Variable hours

A supplemental course in economics to provide a study of current concepts and problems in economics and related substantive areas. Specific topics will be announced in the schedule of classes. CSU

Agenda Item 4A

17) DVC

Math 135 College Algebra



Nevada Department of Taxation Property Tax Appraiser Continuing Education New Course Application

Return this form to:
Division of Local Government Services
3850 Arrowhead Dr., 2nd Floor
Carson City, Nevada 89706

Please Print or Type:
COURSE INFORMATION (A person who wishes to receive contact hours for a course of continuing education that has not been previously approved, must apply for such approval.)

mat has not been previously approved, must app	
NAME OF REQUESTER	TITLE
TITLE OF COURSE	
College Algebra	
venboriprovider Diablo Valley College	
Jiabio Valley College	
1. Course Summary:	
lease see attached.	
2. What are the hours of instruction? 36	
3. What is the completion date? Spring 2016	
. That is all completion date:	
SUBJECT CLASSIFICATION - CHECK ALL THAT	APPLY
Mass Appraisal Concepts and Applications	College or Professional Level Accounting, Finance, Statistics
☐ IAAO Standards	or Other Appraisal Subjects
Residential, Commercial/Industrial Appraisal	GIS, Mapping, CAMA
☐ Unitary/Centrally Assessed Property Appraisal ☐ Legal Documents (Deeds, Titles, Leases, etc.)	☐ Laws Relating to Real Estate, Water or Mining ☐ Professional Ethics
☐ Nevada Statutes or Regulation, Appraisal or	Other
Assessment Standards	
If other, please describe why the course is applic	able to appreied and/or property toy
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Syllabus or Course Material	
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Page 1 of 1

LGS-T004

MATH-124 Mathematics for Liberal Arts

3 units LR

- · 54 hours lecture per term
- Prerequisite: Placement into MATH-124; or MATH-119; or MATH-119SP; or MATH-120; or MATH-120SP or assessment process or equivalent.

This course presents applications of techniques and concepts of intermediate algebra and critical thinking to the solving of contemporary problems in mathematics. Topics may include exponential functions, logarithmic scales, probability, statistics, finance, matrix operations, logic or geometry. Historical context of some of the great ideas of mathematics will also be explored. CSU, UC

MATH-125 Mathematical Concepts for Elementary School Teachers

3 units SC

- 54 hours lecture per term
- Prerequisite: Placement into MATH-125; or MATH-119; or MATH-119SP; or MATH-120; or MATH-120SP; or assessment process or equivalent.

This course focuses on the development of quantitative reasoning skills through in-depth, integrated explorations of topics in mathematics, including real number systems and subsystems. Emphasis is on comprehension and analysis of mathematical concepts and applications of logical reasoning. C-ID MATH 120, CSU, UC

MATH-135 College Algebra

units LR

326

- 72 hours lecture per term
- Prerequisite: Placement into MATH-135; or MATH-119; or MATH-119SP; or MATH-120; or MATH-120SP; or MATH-035 (may be taken concurrently with MATH-135); or assessment process. Or equivalent.

This course presents a study of functions and their graphs, including polynomial, rational, radical, exponential, absolute value, and logarithmic functions; systems of equations; theory of polynomial equations; analytic geometry. Other topics include inequalities, nonlinear systems, conic sections. CSU, UC (credit limits may apply to UC - see counselor)

MATH-135SP College Algebra - Self-Paced

4 units LR

- · 216 hours laboratory per term
- Prerequisite: Placement through the assessment process or MATH-119 or MATH-120 or 120SP or equivalent
- Note: In this computer-assisted, flexibly-paced class, students will utilize an online learning system for their initial instruction, as well as receive assistance during weekly face-to-face meetings. Students will have some flexibility on how much time they take to learn topics and when they take assessments, though minimum requirements and deadlines will apply. The online laboratories require computer access and may be completed either on or off campus. The face-to-face meetings will be held in the DVC Math Lab (for lab schedule go to www.dvc.edu/PHCmathlab for Pleasant Hill or www.dvc.edu/SRCmathlab for SRC). Students are encouraged to complete MATH-135SP in one semester, or take up to 2 semesters. MATH-135SP.

This course is a computer-assisted, flexibly-paced class, equivalent to MATH-135. This course presents a study of functions and their graphs, including polynomial, rational, radical, exponential, absolute value, and logarithmic functions; systems of equations; theory of polynomial equations; analytic geometry. Other topics include inequalities, nonlinear systems, conic sections. CSU, UC (credit limits may apply to UC - see counselor)

MATH-140 Tutor Training

1 unit LR

- 10 hours lecture/12 hours laboratory/12 hours laboratory by arrangement per term
- Prerequisite: Placement into MATH-140; or MATH-142; or MATH-144; or MATH-182; or MATH-191; or assessment process or equivalent.
- Recommended: Eligibility for ENGL-116/118 or ENGL-117 or ESL-117A or equivalent

This course presents the basic principles and methods of tutoring, including the tutoring sequence, leading and probing questions, communication skills, and learning theory. Topics include the application of tutoring techniques to specifc areas of mathematics including algebra, trigonometry, and pre-calculus. Students will receive instruction to help tutees with special needs. CSU

Agenda Item 4A

18) SNHU
ACCT 318 Intermediate
Accounting II



Nevada Department of Taxation Property Tax Appraiser Continuing Education New Course Application

Return this form to:
Division of Local Government Services
3850 Arrowhead Dr., 2nd Floor
Carson City, Nevada 89706

Please Print or Type:

COURSE INFORMATION (A person who wishes	to receive contact h	nours for a course of	of continuing education
that has not been previous	ely annroyed must an	nly for such approva	۱ اد	

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WE WENTED			
ITLE OF COURSE			
ACCT 318 - Intermediate Accounting II			
rendor/provider SNHU			
BINTU			
1. Course Summary:			
ease see attached			
. What are the hours of instruction? 36 Hours			
. What is the completion date? Spring 2024			
SUBJECT CLASSIFICATION - CHECK ALL THAT	APPLY		
☐ Mass Appraisal Concepts and Applications			Accounting, Finance, Statistics
l IAAO Standards I Residential, Commercial/Industrial Appraisal	or Other Appraisal Subjects □ GIS, Mapping, CAMA		
l Nesidential, Commercial/Industrial Appraisal Unitary/Centrally Assessed Property Appraisal		ping, CAMA ating to Real Estate, \	Nater or Mining
Legal Documents (Deeds, Titles, Leases, etc.)	☐ Profession	onal Ethics	g
l Nevada Statutes or Regulation, Appraisal or Assessment Standards	☐ Other		
f other, please describe why the course is applic	cable to apprais	sal and/or property	tax.
REQUIRED MATERIALS TO BE SUBMITTED WIT Detailed Course Outline	H APPLICATIO	N INCLUDE:	
Syllabus or Course Material			
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sion of Local Government Services 7	- itle		Date

ACC318 - Intermediate Accounting II (Campus, Online) Description

In this course, students will study the liabilities and equities side of the balance sheet and apply accounting concepts for the proper preparation of financial statements. Students will analyze the inflows and outflows of cash for an organization and prepare accurate cash flow statements using direct and indirect methods. Students will utilize authentic tools and technologies to apply accounting principles to a variety of financial reporting situations.

Academic Level

Undergraduate

Credits

3

Prerequisites

Complete:

ACC317 - Intermediate Accounting I (3)

Agenda Item 4B

1) MWSU
FIN 301 Financial
Management



Return this form to: Division of Local Government Services 3850 Arrowhead Dr., 2nd Floor Carson City, Nevada 89706

	TITLE	
TITLE OF COURSE		
IN 301 Financial Management		
ENDOR/PROVIDER Ilissouri Western State University		
I. Course Summary: ee Attached		
2. What are the hours of instruction? 36		
. What is the completion date? Spring 1999		
SUBJECT CLASSIFICATION - CHECK ALL THAT	APPLY	
□ Mass Appraisal Concepts and Applications □ IAAO Standards □ Residential, Commercial/Industrial Appraisal □ Unitary/Centrally Assessed Property Appraisal □ Legal Documents (Deeds, Titles, Leases, etc.) □ Nevada Statutes or Regulation, Appraisal or Assessment Standards	 ■ College or Professional Level Accounting, Finance, Statistics or Other Appraisal Subjects □ GIS, Mapping, CAMA □ Laws Relating to Real Estate, Water or Mining □ Professional Ethics □ Other 	
f other, please describe why the course is applie	cable to appraisal and/or property tax.	
REQUIRED MATERIALS TO BE SUBMITTED WIT	TH APPLICATION INCLUDE:	
Syllabus or Course Material SIGNATURE Requestor Signature	Date	

Title

Division of Local Government Services

Date

FIN 301 Financial Management Credits: 3

Typically Offered: Fall, Spring.

Course Description: Introduction to the issues which face the financial manager of a non-financial firm; discusses

financial analysis, financial market instruments, profitability, investment decisions, and capital budgeting. Prerequisite(s):

ACC 201 and junior standing.

Agenda Item 5

a) MWSUMath 112 FiniteMathematics



Return this form to: Division of Local Government Services 3850 Arrowhead Dr., 2nd Floor Carson City, Nevada 89706

MAT 112 Finite Mathematics Western State University 1. Course Summary: See Attached 2. What are the hours of instruction? 36 3. What is the completion date? Fall 1997 SUBJECT CLASSIFICATION - CHECK ALL THAT APPLY Mass Appraisal Concepts and Applications IAAO Standards Unitary/Centrally Assessed Property Appraisal Legal Documents (Deeds, Titles, Leases, etc.) Nevada Statutes or Regulation, Appraisal or Assessment Standards If other, please describe why the course is applicable to appraisal and/or property tax. REQUIRED MATERIALS TO BE SUBMITTED WITH APPLICATION INCLUDE: Detailed Course Outline Syllabus or Course Material SIGNATURE REQUIRED MATERIALS TO BE SUBMITTED WITH APPLICATION INCLUDE: Syllabus or Course Material SIGNATURE REQUIRED MATERIALS TO BE SUBMITTED WITH APPLICATION INCLUDE: SIGNATURE MILESTONE APPLIED TO TOTAL HOURS FOR THIS MILESTONE Total Time Applied To Total Hours For THIS MILESTONE Total Time Applied To Total Hours For THIS MILESTONE Total Time Applied To Total Hours For THIS MILESTONE Total Time Applied To Total Hours For THIS MILESTONE Total Time Applied To Total Hours For THIS MILESTONE Total Time Applied To Total Hours For THIS MILESTONE Total Time Attached Total Time Attached Total Hours For THIS MILESTONE Total Hours For THIS MILESTONE Total Time Attached Total Hours For THIS MILESTONE Total Time Attached Total Time Attached Total Hours For THIS MILESTONE Total Time Attached Total Hours For THIS MILESTONE Total Time Attached	that has not been previously approved,	TITLE
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MAT 112 Finite Mathematics Credits: 3

Typically Offered: Fall, Spring.

Course Description: Linear and quadratic equations, graphs, and functions including exponential and logarithmic functions; mathematics of finance, annuities, sinking funds and mortgages; linear programming; counting methods, probability, expectation; descriptive statistics. Not open to the student with credit in MAT 167. Prerequisite(s): ACT math subscore of at least 22; a sufficient score on the math placement exam; a minimum grade of C in MAT 110 or MAT 110E or higher; departmental approval.

CORE 42: MOTR MATH 120; Mathematical Reasoning and Modeling (attribute MO41)



Agenda Item 5

b) MCKISS
Appraising Small Apartment
Properties



Return this form to: Division of Local Government Services 3850 Arrowhead Dr., 2nd Floor Carson City, Nevada 89706

Please Print or Type: COURSE INFORMATION (A person who wishes to receive contact hours for a course of continuing education
that has not been previously approved, must apply for such approval.)
appraising Small apartment Properties
WC KISSOCK
1. Course Summary: See attached
2. What are the hours of instruction?
3. What is the completion date? 321 25
SUBJECT CLASSIFICATION - CHECK ALL THAT APPLY
□ Mass Appraisal Concepts and Applications □ IAAO Standards □ Residential, Commercial/Industrial Appraisal □ Unitary/Centrally Assessed Property Appraisal □ Legal Documents (Deeds, Titles, Leases, etc.) □ Nevada Statutes or Regulation, Appraisal or Assessment Standards □ College or Professional Level Accounting, Finance, Statistics or Other Appraisal Subjects □ GIS, Mapping, CAMA □ Laws Relating to Real Estate, Water or Mining □ Professional Ethics □ Other
If other, please describe why the course is applicable to appraisal and/or property tax.
REQUIRED MATERIALS TO BE SUBMITTED WITH APPLICATION INCLUDE: Detailed Course Outline Syllabus or Course Material SIGNA Requestor 8
For Department Use Only NUMBER OF CREDIT HOURS GRANTED NUMBER OF CREDIT HOURS APPEARING ON TRANSCRIPT MILESTONE APPLIED TO TOTAL HOURS FOR THIS MILESTONE
Verified by:
Division of Local Government Services Title Date

Live Webinar: Appraising Small Apartment Properties

\$129

LIVESTREAM ELECTIVE

① 4 Hours
Instructor:
Robert Frazier

State:

NEVADA

Session:

04/18/2025 11:00AM — 3:00PM PDT

Add to Cart

This course applies the appraisal process used in all appraisals to an apartment property assignment. It is relevant to both general and residential appraisers. The appraisal process is illustrated by sourcing a small apartment property as an example throughout the course. The course emphasizes the analyses necessary for the appraiser to perform prior to calculating an estimate of value. It shows the relationship of the general data to the specific data utilized in the approaches to value, identifying five areas of concentration:

- 1) improvements;
- 2) site;
- 3) neighborhood;

Emphasis is placed on honing the appraiser's skills that are necessary to successfully meet the unique challenges of appraising apartments, specifically how to produce, support and be able to defend a credible appraisal. While the skills learned in this course will be applicable to a variety of apartment properties and other property type, it is illustrated by using small apartment complexes of 5 to 20 units.

Emphasis is placed on honing the appraiser's skills that are necessary to successfully meet the unique challenges of appraising apartments, specifically how to produce a credible appraisal. While the skills learned in this course will be applicable to a variety of apartment properties, it is geared towards small apartment complexes of 5 to 20 units.

ACB Page 82

Approval code: CE.0009091-A

Certificate of Completion

This is to certify that



has successfully completed <u>Live Webinar</u>: <u>Appraising Small Apartment</u>

<u>Properties (Approval Number # CE.0009091-A)</u> for 4 hour(s) of continuing education credit for recertification in the state of Nevada. The course was completed on Friday March 21, 2025 given via distance education at:

www.mckissock.com

Instructor: Robert Frazier

Andrea Ledford

Signature of Authorized Representative



McKissock - P.O. Box 1673 - Warren, Pennsylvania - 16365 - 814.723.6979

Agenda Item 5

c) MCKISS
Income Approach Case
Studies for Commercial
Appraisal



Return this form to: Division of Local Government Services 3850 Arrowhead Dr., 2nd Floor Carson City, Nevada 89706

	TITLE
TITLE OF COURSE	
ncome Approach Case Studies for Co	mmercial Appraisal
VENDOR/PROVIDER	
McKissock Learning	
1. Course Summary: See attached.	
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2. What are the hours of instruction? 4	
3. What is the completion date? TBD	
SUBJECT CLASSIFICATION - CHECK ALL THA	AT APPLY
☐ Mass Appraisal Concepts and Applications	☐ College or Professional Level Accounting, Finance, Statistics
□ IAAO Standards ■ Residential, Commercial/Industrial Appraisal	or Other Appraisal Subjects □ GIS, Mapping, CAMA
☐ Unitary/Centrally Assessed Property Appraisal	☐ Laws Relating to Real Estate, Water or Mining
☐ Legal Documents (Deeds, Titles, Leases, etc.)☐ Nevada Statutes or Regulation, Appraisal or Assessment Standards	☐ Professional Ethics ☐ Other
If other, please describe why the course is app	licable to appraisal and/or property tax.
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Income Approach Case Studies for Commercial Appraisal

About the Course

Introduction

One of three traditional approaches to value, the income approach converts anticipated benefits into an indication of property value. The income capitalization approach works inter-dependently with the cost approach and the sales comparison approach in estimating value.

This course is intended to provide the participant with basic skills as it relates to terminology and application of the income approach. Included is the development of reliable effective gross income estimates, vacancy and collection loss, analyzing operating expenses and calculating net operating income. Using the capitalization process, the participant will capitalize net operating income into an indication of value.

The case studies in this course will focus on existing improved commercial real estate in a competitive marketplace.

Course Outline

- 1. Concepts of the Income Approach to Value
- 2. Estimating Net Operating Income
- 3. Estimating Stabilized Expenses
- 4. Direct Capitalization Process
- 5. Comprehensive IRV Analysis
- 6. Income Approach Terminology
- 7. Conclusion
- 8. Final Exam

Other Governing Agency (Approved)

Name: Nevada Real Estate Appraisal Commission

Phone: 7756841902 Fax: 7756874868

Website: http://red.nv.gov/Content/Appraisal/Main/

Address: 3300 W. Sahara Ave., Suite 350 Las Vegas, NV 89102

Regulatory Requirements

Credit Hours: 4 Credit Type: Elective

Approval Number: CE.0009076-A

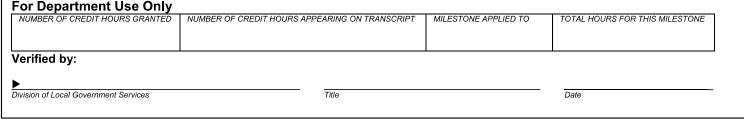
Agenda Item 5

d) WNC
Math 128 Precalculus
and Trigonometry



Return this form to: Division of Local Government Services 3850 Arrowhead Dr., 2nd Floor Carson City, Nevada 89706

Please Print or Type: COURSE INFORMATION (A person who wishes that has not been previously approved, must app	to receive contact hours for a course of continuing education oly for such approval.)
NAME OF REQUESTER	TITLE
Trigonometry	·
Western Nevada College (WNC)	
	exponential, logarithm and trigonometric functions; analytic trigonometry;
systems of equations and inequalities; conics; mathematical induc	tion; sequences and series.
2. What are the hours of instruction? 36 3. What is the completion date? Spring 2013	
SUBJECT CLASSIFICATION - CHECK ALL THAT	APPLY
 □ Mass Appraisal Concepts and Applications □ IAAO Standards □ Residential, Commercial/Industrial Appraisal □ Unitary/Centrally Assessed Property Appraisal □ Legal Documents (Deeds, Titles, Leases, etc.) □ Nevada Statutes or Regulation, Appraisal or Assessment Standards 	 □ College or Professional Level Accounting, Finance, Statistics or Other Appraisal Subjects □ GIS, Mapping, CAMA □ Laws Relating to Real Estate, Water or Mining □ Professional Ethics □ Other
If other, please describe why the course is applic	cable to appraisal and/or property tax.
REQUIRED MATERIALS TO BE SUBMITTED WIT Detailed Course Outline Syllabus or Course Material SIGNATURE	H APPLICATION INCLUDE:
Requestor Signature	4/2/2025 Date
For Donartment Lice Only	



(Course #	Course Title	Credits
1	MATH124	College Algebra	3 Credits

Prerequisites: Success in intermediate algebra, algebra II, MATH 96 or similar course is recommended as preparation for this course. Students should meet with a WNC Counselor to determine readiness based on placement or equivalent exam, high school coursework, or other factors. Covers equations and inequalities; relations and functions; linear, quadratic, polynomial, exponential, and logarithmic functions; systems of linear equations.

Course #	Course Title	Credits
MATH128	Precalculus and Trigonometry	5 Credits

Prerequisites: MATH 096 with a grade of C- or better or appropriate score on the WNC math placement or equivalent exam or three units of high school mathematics at the level of algebra and above with a grade of C- or better within the last three years. Studies relations, functions and their graphs; polynomial, rational, exponential, logarithm and trigonometric functions; analytic trigonometry; systems of equations and inequalities; conics; mathematical induction; sequences and series.

Course #	Course Title	Credits
STAT152	Introduction to Statistics	3 Credits

Prerequisites: Success in intermediate algebra, algebra II, MATH 96 or similar course is recommended as preparation for this course. Students should meet with a Counselor to determine readiness based on placement or equivalent exam, high school coursework, or other factors. Introduces statistics, probability models, statistical estimation and hypothesis testing, linear regression analysis, and special topics.

Agenda Item 5

e) WNC Math 182 Calculus II



New Course Application

Return this form to:

Division of Local Government Services
3850 Arrowhead Dr., 2nd Floor
Carson City, Nevada 89706

OF COURSE	
th 182 Calculus II	
oor/PROVIDER stern Nevada Callege (WNC)	
Course Summary: quisites: MATH181 or equivalent or consent of instructor. Teaches	s transcendental functions, methods of integration, conics, vectors.
What are the hours of instruction? 34 HOUR	25 / 4 Credits
What is the completion date? Spring 20	
BJECT CLASSIFICATION - CHECK ALL THAT AP	PLY
Mass Appraisal Concepts and Applications AAO Standards Residential, Commercial/Industrial Appraisal Jnitary/Centrally Assessed Property Appraisal Legal Documents (Deeds, Titles, Leases, etc.) Nevada Statutes or Regulation, Appraisal or Assessment Standards	 □ College or Professional Level Accounting, Finance, Statistics or Other Appraisal Subjects □ GIS, Mapping, CAMA □ Laws Relating to Real Estate, Water or Mining □ Professional Ethics □ Other
ther, please describe why the course is applicabl	le to appraisal and/or property tax.
QUIRED MATERIALS TO BE SUBMITTED WITH A Detailed Course Outline Syllabus or Course Material	PPLICATION INCLUDE:

Title

Division of Local Government Services

Date

Math 182 Calculus II

Sections 4001/4002

Contact Information

Jeff Downs

E-Mail: jeffrey.downs@wnc.edu

Homepage: http://www.wnc.edu/~downs

Office: Aspen 224 Phone: (775) 445-4400 Office Hours:

T: 12:30 PM – 2:00 PM(office) W: 11:00 AM – 1:00 PM(online) Th: 12:30 PM – 2:00 PM(office)

or by appointment

Prerequisites: MATH 181 or equivalent or consent of the instructor.

Course Description: Offers fundamental concepts of analytical geometry and calculus, functions, graphs, limits, derivatives, and integrals.

Course Objectives: Upon completion of this course, successful students should be able to do the following:

- Calculate the area of a region between two curves.
- Find volume using the disc and shell methods.
- Determine arc length and surface area.
- Calculate work, fluid force and centers of mass.
- Integrate using the following techniques: trigonometric substitution, partial fractions, tables.
- Evaluate limits using L' Hopital's rule.

- · Evaluate improper integrals.
- Find whether a series converges using the following tests: integral, p-series, comparision, alternating, ratio root.
- Determine Taylor and Maclaurin series of a given function.
- Know the equations and properties of the ellipse, hyperbola and parabola.
- Sketch curves in polar coordinates and find tangent lines, area and arc length in polar coordinates.
- Work with parametric equations.

Course Credit: 4

Transferability Within Nevada: This course is designed to apply toward a WNC degree and/or transfer to other schools within the Nevada System of Higher Education, depending on the degree chosen and other courses completed. It may transfer to colleges and universities outside Nevada. For information about how this course can transfer and apply to your program of study, please contact a counselor.

Linkage to College Mission: Provide instruction that contributes to a student's ability to think critically and solve problems; to reason mathematically and apply computational skills.

Text: Calculus 11th Ed., by Larson and Edwards.

Option 1: Textbook only ISBN-13: 9781337275347

Option 2: Textbook bundled with Webassign ISBN-13: 9780357006412

Option 3: Webassign with online book only single term ISBN: 9781337652667 Option 4: WebAssign with Online book only multi term ISBN: 9781337939805

Agenda Item 5

f) SNHU
ACCT 315 Accounting
Information Systems



Return this form to: Division of Local Government Services 3850 Arrowhead Dr., 2nd Floor Carson City, Nevada 89706

Please Print or Type:

COURSE INFORMATION (A person who wishes to receive contact hours for a course of continuing education that has not been previously approved, must apply for such approval.)

NAME OF REQUESTER	apply for such app	TITLE	
TLE OF COURSE CCT 215 Accounting Information System	omo		
CCT 315 - Accounting Information Syst	EIIIS		
SNHU			
1. Course Summary: Please see attached			
2. What are the hours of instruction? 36 Hours			
3. What is the completion date? Summer 2024			
SUBJECT CLASSIFICATION - CHECK ALL TH	AT APPLY		
 □ Mass Appraisal Concepts and Applications □ IAAO Standards □ Residential, Commercial/Industrial Appraisal □ Unitary/Centrally Assessed Property Appraisal □ Legal Documents (Deeds, Titles, Leases, etc.) □ Nevada Statutes or Regulation, Appraisal or Assessment Standards 	or Other □ GIS, Map	Appraisal Subjects ping, CAMA lating to Real Estate, \	Accounting, Finance, Statistics Water or Mining
f other, please describe why the course is ap	plicable to apprais	sal and/or property	tax.
REQUIRED MATERIALS TO BE SUBMITTED V Detailed Course Outline Syllabus or Course Material SIGNATU		N INCLUDE:	
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rified by:			
ision of Local Government Services	Title		Date

Acc 315 - Accounting Information System

ACC315 - Accounting Information Systems (Campus, Online) Description

The course introduces the student to the fundamentals of accounting information systems and how they function within organizations. Students will explore how accounting information systems facilitate business processes, record transactions, and support internal controls, as well as the functionality of accounting applications and software. Students will learn how accounting information systems are used for data analysis and problem solving.

Additional information - Campus

Offered every fall term.

Academic Level

Undergraduate

Credits

3

Prerequisites

Complete

ACC202 - Managerial Accounting (3)

Agenda Item 5

g) SNHU
INT 220 Global
Dimensions in
Business



Return this form to:
Division of Local Government Services
3850 Arrowhead Dr., 2nd Floor
Carson City, Nevada 89706

Please Print or Type:

COURSE INFORMATION (A per	son who wishes to receive co	ontact hours for a course	of continuing education
that has not been previously an	proved must apply for such a	annroval)	

nat has not been previously approved, must	apply for such ap	orovai.)			
^{tle of course} IT 220 - Global Dimensions in Busines:	9				
ENDOR/PROVIDER	<u> </u>				
NHU					
I. Course Summary:					
ease see attached					
2. What are the hours of instruction? 36 Hours					
. What is the completion date? Summer 2024					
SUBJECT CLASSIFICATION - CHECK ALL TH	IAT APPLY				
Mass Appraisal Concepts and Applications IAAO Standards Residential, Commercial/Industrial Appraisal	or Other	■ College or Professional Level Accounting, Finance, Statistics or Other Appraisal Subjects			
I Unitary/Centrally Assessed Property Appraisal		☐ GIS, Mapping, CAMA ☐ Laws Relating to Real Estate, Water or Mining			
I Legal Documents (Deeds, Titles, Leases, etc.) I Nevada Statutes or Regulation, Appraisal or Assessment Standards	□ Professio	onal Ethics			
f other, please describe why the course is ap	plicable to apprais	sal and/or property	tax.		
REQUIRED MATERIALS TO BE SUBMITTED V Detailed Course Outline Syllabus or Course Material	WITH APPLICATIO	N INCLUDE:			
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Undergraduate Course Syllabus

INT 220: Global Dimensions in Business

Course Prerequisites

None

Course Description

Students will examine the differences between the domestic and international business environments and factors that contribute to market attractiveness and entry. Students will also learn about the drivers of globalization and their impacts on business decision making.

Course Competencies

This course covers the following competencies, which represent the knowledge and skills relevant to your field:

- INT-20073: Explain the drivers of globalization and how they impact business decisions
- INT-20074: Differentiate between domestic and international business environments
- INT-20075: Describe the factors that contribute to international market attractiveness and entry

Required Materials

Using your learning resources is critical to your success in this course. Please purchase directly through the <u>SNHU Online Bookstore</u> rather than any other vendor. Purchasing directly from the bookstore ensures that you will obtain the correct materials and that the IT Service Desk, your advisor, and the instructor can provide you with support if you have problems.

Global Business Management
Sanjyot P. Dunung
FlatWorld Publishing
First Edition
2019

SKU #: 9953890

Harvard Business Review

The following material is available in the Harvard Business Review area of your course:

- Estimating Demand in Emerging Markets for Kodak Express
- Apple and Its Suppliers: Corporate Social Responsibility

Technical Requirements

Make sure you've met the technical requirements to complete this course.

Diversity, Equity, and Inclusion

As indicated in our core values, SNHU is committed to "embrace diversity where we encourage and respect diverse identities, ideas, and perspectives by honoring difference, amplifying belonging, engaging civilly, and breaking down barriers to bring our mission to life."

This may or will be reflected in SNHU's curriculum as we embrace and practice diversity, equity, and inclusion (DEI) to provide the most transformative experience for our students, faculty, and staff. Because topics pertaining to DEI can be sensitive, please remember that embodying and practicing diversity, equity, and inclusion is one of our core values that you will encounter throughout the academic experience. In higher education, we are expected to think and engage critically. Use a growth mindset to embrace the diverse readings, course assignments, and experiences of your peers and faculty.

For more information about DEI at SNHU, please visit our website at the Office of Diversity and Inclusion.

Instructor Availability and Response Time

Your class interaction with the instructor and your classmates will take place on a regular, ongoing basis. Your instructor will be actively engaged within the course throughout the week. You will normally communicate with your instructor in the weekly discussions or the General Questions discussion topic so that your questions and the instructor's answers benefit the entire class. You should feel free, however, to communicate with your instructor via SNHU email at any time, particularly when you want to discuss something of a personal or sensitive nature. Your instructor will generally provide a response within 24 hours. Instructors will post

grades and feedback (as applicable) within seven days of an assignment's due date, or within seven days of a late submission.

Grade Distribution

Assignment Category	Number of Graded Items	Point Value per Item	Total Points
Discussions	5	35	175
Assignments	6	70	420
Milestones	2	90	180
Project	1	225	225
	1	1	Total Course Points: 1,000

This course may also contain non-graded activities. The purpose of these non-graded activities is to assist you in mastering the learning outcomes in the graded activity items listed above.

University Grading System: Undergraduate

Grade	Numerical Equivalent	Points	
Α	93–100	4	
Α-	90–92	3.67	
B+	87–89	3.33	
В	83–86	3	
B-	80–82	2.67	
C+	77–79	2.33	
С	73–76	2	
C-	70–72	1.67	
D+	67–69	1.33	
D	60–66 1		
F	0–59 0		
1	Incomplete		
IF	Incomplete/Failure *		
IP	In Progress (past end of		
	term)		
W	Withdrawn		

* Please refer to the policy page for information on the incomplete grade process.

Grading Guides

Specific activity directions, grading guides, posting requirements, and additional deadlines can be found in the Assignment Information section of the course.

Weekly Assignment Schedule

All readings can be found within each module of the course, and assignment instructions can be found in the Assignment Information section of the course. Assignments and discussion posts during the first week of each term are due by 11:59 p.m. Eastern Time. Assignments and discussion posts for the remainder of the term are due by 11:59 p.m. of the student's local time zone.

Module	Topics and Assignments			
One	Reading: Global Business Management, Chapter 1 and Chapter 2, Section 2.1			
	1-1 Discussion: Global Events and Local Supplies			
	1-2 Assignment: Benefits of Global Expansion			
	1-3 Review the Final Project Guidelines and Rubric (Non-graded)			
Two	Reading: Global Business Management, Chapter 5			
	2-1 Milestone One			
	2-2 Assignment: Cultural Comparisons			
	2-3 Reminder: Milestone Two			
Three	Reading: Global Business Management, Chapter 2, Sections 2.2–2.4, Chapter 3,			
	Sections 3.1–3.5, and Chapter 4			
	3-1 Discussion: Governmental Trade Interventions			
	3-2 Assignment: Economic and Political Environments Comparison			
Four	Reading: Global Business Management, Chapter 7 and Chapter 8, Sections 8.1			
	and 8.2			
	4-1 Discussion: The International Monetary Fund			
	4-2 Assignment: Foreign Exchange			
	4-3 Reminder: Milestone Two			
Five	Reading: Global Business Management, Chapter 9, Sections 9.1, 9.3, and 9.4,			
	Chapter 10, Section 10.2, Chapter 13, Section 13.3, and Chapter 14, Section 14.3			
	5-1 Discussion: Data Privacy Considerations			
	5-2 Milestone Two			

Module	Topics and Assignments	
Six	Reading: Global Business Management, Chapters 6 and 15	
	6-1 Assignment: International Team Expectations	
	6-2 Assignment: Global Supply Chain Case Study	
	6-3 Reminder: Final Project	
Seven	Reading: Global Business Management, Chapter 2, Section 2.3, and Chapter 11	
	7-1 Project Submission	
Eight	8-1 Discussion: Reaching Career Goals	

Course Participation

Course participation is required within the first week of the term for all online courses. *Participation* in this context is defined as completing one graded assignment during the first week of the course. Otherwise, students will be administratively removed for nonparticipation. Students who do not participate during the first week may forfeit their rights to be reinstated into the course. Students who stop attending a course after the first week and who do not officially withdraw will receive a grade calculated based on all submitted and missed graded assignments for the course. Missed assignments will earn a grade of zero. See the course withdrawal policy and the full attendance policy for further information.

Late Assignments

Students who need extra time may submit assignments (excluding discussion board postings) up to one week after the assignment due date. Discussion board submissions will not be accepted for credit after the deadline except in extenuating circumstances.

- A penalty of 10 percent of the total value of the assignment will be applied to the grade achieved on the late assignment regardless of the day of the week on which the work is submitted.
- Students who submit assignments more than one week late will receive a grade of zero on the assignment unless they have made prior arrangements with the instructor.

Students must submit all assignments no later than 11:59 p.m. (in their own time zone) on the last day of the term. No assignments are accepted after the last day of the term unless an incomplete has been submitted. See the incomplete grades policy.

There may be times an instructor makes an exception to the late assignment policy. Instructors may accept late work, including discussion board posts, with or without prior arrangement.

- Exceptions to the late policy on these grounds are left to the instructor's discretion, including whether the late penalty is applied or waived. Students should not assume that they will be allowed to submit assignments after the due dates.
- If an instructor finds that they are unable to determine whether an exception to the late
 policy would be appropriate without documentation, the collection and review of
 student documentation should be handled through the Dispute Resolution team in
 order to protect the student's privacy. In these cases, students should file a Student
 Concern Dispute form to have the circumstances reviewed.

If a student is experiencing (or knows they will experience) a circumstance, including pregnancy, that is protected under the Americans with Disabilities Act or Title IX, they are encouraged to contact the <u>Online Accessibility Center (OAC)</u> as soon as possible to explore what academic accommodations might be offered. Instructors must honor all deadlines established through the OAC.

Student Handbook

Review the student handbook.

ADA/504 Compliance Statement

Southern New Hampshire University (SNHU) is dedicated to providing equal access to individuals with disabilities in accordance with Section 504 of the Rehabilitation Act of 1973 and with Title III of the Americans with Disabilities Act (ADA) of 1990, as amended by the Americans with Disabilities Act Amendments Act (ADAAA) of 2008.

SNHU prohibits unlawful discrimination on the basis of disability and takes action to prevent such discrimination by providing reasonable accommodations to eligible individuals with disabilities. The university has adopted the <u>ADA/504 Grievances Policy</u> (version 1.2 effective October 16, 2017), providing for prompt and equitable resolution of complaints regarding any action prohibited by Section 504 or the ADA.

For further information on accessibility support and services, visit the <u>Disability and Accessibility Services</u> webpage.

Academic Integrity Policy

Southern New Hampshire University requires all students to adhere to high standards of integrity in their academic work. Activities such as plagiarism and cheating are not condoned by the university. Review the <u>full academic integrity policy</u>.

Copyright Policy

Southern New Hampshire University abides by the provisions of United States Copyright Act (Title 17 of the United States Code). Any person who infringes the copyright law is liable. Review the <u>full copyright policy</u>.

Withdrawal Policy

Review the full withdrawal policy.

Southern New Hampshire University Policies

More information about SNHU policies can be found on the policy page.

Agenda Item 5

h) SNHU MKT 205 Applied Marketing Strategies



Return this form to: Division of Local Government Services 3850 Arrowhead Dr., 2nd Floor Carson City, Nevada 89706

Please Print or Type:

COURSE INFORMATION (A person who wishes to receive contact hours for a course of continuing education that has not been previously approved, must apply for such approval.)

NAME OF REQUESTER	. ,	TITLE	
TITLE OF COURSE			
MKT 205 - Applied Marketing Strategies			
VENDOR/PROVIDER			
SNHU			
1. Course Summary: Please see attached			
2. What are the hours of instruction? 36 Hours			
3. What is the completion date? Summer 2024			
SUBJECT CLASSIFICATION - CHECK ALL THAT	APPLY		
 □ Mass Appraisal Concepts and Applications □ IAAO Standards □ Residential, Commercial/Industrial Appraisal □ Unitary/Centrally Assessed Property Appraisal □ Legal Documents (Deeds, Titles, Leases, etc.) □ Nevada Statutes or Regulation, Appraisal or Assessment Standards 	 ■ College or Professional Level Accounting, Finance, Statistics or Other Appraisal Subjects □ GIS, Mapping, CAMA □ Laws Relating to Real Estate, Water or Mining □ Professional Ethics □ Other 		
If other, please describe why the course is applic	able to apprais	sal and/or property t	ax.
REQUIRED MATERIALS TO BE SUBMITTED WITH Detailed Course Outline Syllabus or Course Material SIGNATUR	4/30/2025	N INCLUDE:	
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UMBER OF CREDIT HOURS GRANTED NUMBER OF CREDIT HOURS APPEAR	RING ON TRANSCRIPT	MILESTONE APPLIED TO	TOTAL HOURS FOR THIS MILESTONE
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MKT 205 - Applied Marketing Strategies

MKT205 - Applied Marketing Strategies (Campus, Online) Description

Students will learn how the marketing mix is used to position a product or service for a specific target market by analyzing pricing, distribution, product development, and promotional strategies. By applying marketing and consumer research, students will generate informed recommendations. Students will also examine the impact of communications and distribution channels on marketing efforts.

Additional Information - Online

The goal name associated with this course is Marketing Insights

Academic Level

Undergraduate

Credits

3