

Real Estate Fundamentals

Prepare for the Michigan Real Estate Exam, administered by AMP (Applied Management Professionals). The course also serves as an excellent survey of the laws affecting real estate transactions for investors and those desiring a more thorough knowledge of the subject. Topics include real estate laws, rules and regulations, contracts, financing, ownership, brokerage, valuation and fair housing. This course is state-licensed for 40 hours of instruction and is open to the general public. Note: You must complete the 40 hours of instruction and pass the final exam in order to receive a passing grade for the class. Cost includes text and materials. CEUs: 4.0

RELST 701-81

\$279 (Senior Fee \$244.50)

Mon/Tues/Wed/Thurs

6 – 10 p.m.

Apr. 12 – 27

Z 257 Bowman



Boiler and Power Plant Fundamentals

Designed as a fundamentals course in boiler operations and power plant basics, students who successfully complete this course will be qualified to seek employment in facilities using boilers in any energy conversion process. Topics covered include:

- Power plant theory, equipment and procedures
- Basic understanding of the ASME code
- Instruction on various theories and systems relevant to the industry

Please note: In order to enroll in this course, you must complete the Accuplacer placement test and obtain a minimum score of 250 in English, 238 in Reading and 262 in Elementary Algebra.

Text is included in the cost. Online registration is not available for this class as your test scores must be verified prior to enrolling. CEUs: 8.8

MECH 727-81



\$759 (Senior Fee \$429.50)

Mon/Wed

5 – 9 p.m.

Mar. 8 – May 19

Z 260

Kiselewski



For the safety of our community, class size may be reduced to allow for social distancing. Also, all staff and students are required to wear PPE when on campus.

Home Inspection Certificate Course (Online)

Do you want a career that doesn't have you chained to a desk all day? Are you looking for something that you can do part-time or to supplement your income? If you are a good communicator, enjoy working with people, and have good mechanical and technical aptitude, a career as a home inspector may be right for you. This course is endorsed by the American Society of Home Inspectors.

This 10-course program provides you with the technical skills and expertise required to conduct visual examinations and deliver written reports on the physical and operational condition of homes or housing units. Each of the 10 courses will require a minimum of 42 contact hours of study. Exercises and practical quizzes allow you to check your progress. Each module will have instructor support and can be taken in any order you choose.

Roofing (Online)

This course covers both sloped and flat roof coverings. Detailed descriptions and illustrations help to explain problems, causes and implications for common roofing materials. It also goes into detail on how to inspect roofs and what to watch for.

HOMNT 729A-41
\$395 (Senior \$332.50)

Structure (Online)

In the Structure course, all of the structural elements of a building from the footings and foundations to the floor, wall and roof assemblies are addressed in detail. Elements of good construction are illustrated, along with common failure modes and how to identify them.

HOMNT 729B-41
\$395 (Senior \$332.50)



Electrical (Online)

This Electrical course starts with a description of house electricity and develops an understanding of the basics. The course moves on to address getting electricity into the house and distributing it safely to its end-use points including switches, lights and receptacles. The course is designed to provide people who do not have an electrical background with the skills necessary to perform the electrical part of a professional home inspection.

HOMNT 729C-41
\$395 (Senior \$332.50)

Heating I (Online)

This course introduces residential heating systems, starting with a description of various fuels. The course then focuses on the different types of furnaces and boilers. Students will get detailed instructions on operational tests, common failure modes and life expectancies of various systems are covered.

HOMNT 729D-41
\$395 (Senior \$332.50)

Heating II (Online)

The Heating course continues with a focus on chimneys, wood heating, fireplaces, steam heating, electric heating systems and space heaters. Each topic starts with a description of how the system works. Heating II concentrates on inspection strategies, test procedures and problem identification.

HOMNT 729E-41
\$395 (Senior \$332.50)

Air Conditional & Heat Pumps (Online)

In our Air Conditioning & Heat Pumps course, complex mechanical systems are broken down into simple components. Starting with basic principles of operation and building on an understanding, considerable detail is provided on how these systems fail. Upon completion, students can inspect air conditioning and heat pump systems as a professional home inspector.

HOMNT 729F-41
\$395 (Senior \$332.50)

Plumbing (Online)

This course is broken into four parts: supply piping, water heaters, waste piping, and plumbing fixtures. The physics of water is covered at the beginning in a simple, common-sense way. You will also learn how systems work and common failure modes.

HOMNT 729G-41
\$395 (Senior \$332.50)

Exterior (Online)

The Exterior course covers retaining walls, grounds, window wells, lot grading, driveways, patios, walkways, decks, balconies, stoops and steps, porches, railings, wall cladding, flashing trim, eaves, soffits, fascia, as well as exterior doors and windows. You will learn to describe the exterior wall covering and inspect all aspects of the exterior named above.

HOMNT 729H-41
\$395 (Senior \$332.50)

Insulation and Interiors (Online)

In the Insulation & Interiors course, you will learn to inspect thermal insulation, vapor barrier and ventilation systems. You will also learn how to inspect interior elements of homes such as walls, ceilings, floors, basements, doors, windows, interior stairs/railings, countertops and cabinets, and garage doors/door operators.

HOMNT 729I-41
\$395 (Senior \$332.50)

Communication and Professional Practice (Online)

Home inspectors are required, both verbally and in writing, to describe the inspection process and communicate inspection findings to the client. It is important that home inspectors communicate clearly and effectively to ensure that clients understand the inspection results and the report. In this course, students develop their oral and written communication skills, and learn the reporting requirements and proper conduct for a professional home inspector.

HOMNT 729J-41
\$395 (Senior \$332.50)

Call our office at 734.384.4127 to register.

Small Unmanned Aircraft Systems (sUAS a.k.a. Drones)

Small Unmanned Aircraft Systems (drones) are a dynamic, emerging technology that will literally transform industries and have an economic impact of \$100 billion by 2020. Our specialized training courses take you from learning to fly drones all the way through to preparing for your FAA certification.

Introduction to Drones Series

Our Intro to Drones Series consists of three individual courses that will prepare you for your FAA remote pilot certification. The course will take you from learning to fly drones all the way through to preparing for FAA unmanned commercial pilot certification. It is a comprehensive, hands-on training. CEUs: 2.4

You may register for the series at a cost of \$1,185. Or, you may enroll in a stand-alone training course at a cost of \$395 per course.

PILOT 704-81

\$1,185 (Senior Fee \$863.50)

Saturdays/Sundays Mar. 6, 7, 13 & 14
9 a.m. – 5:30 p.m. Z 259 Knaggs



The following courses are the three components of the Introduction to Drones Series.

Intro to Drones Series Part I:

Introductory Courses

Provides a comprehensive overview of the information your organization needs to start using drones safely and legally.

The series includes one introductory course. You select the topic that meets your needs.

Intro to Drones for Commercial Use

Users Learn how drones can be used in specific business applications and bring efficiencies to your business.

Date: Sat., Mar. 6

Intro to Drones for Public Safety

This class is designed to meet the specific needs of police, firefighters and emergency management personnel.

CEUs: .8

Date: Sun., Mar. 7

Intro to Drones Series Part II:

Hands-On Drone Flight Training - Basic Quadcopter Flight Skills

Our course will bring students through a series of increasingly difficult exercises and have them flying through an obstacle course by the end of the day. The cost includes a training quadcopter.

CEUs: .8

Date: Sat., Mar. 13

Intro to Drones Series Part III:

Part 107 Test Prep

Prepares you for the test to receive certification. The remote pilot knowledge test includes 60 questions and requires a passing score of 70 percent.

CEUs: .8
Date: Sun., Mar. 14

