

## 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 Oct. 11 – 26**  
**6 – 10 p.m. H 165 Bowman**

## Michigan 6-Hour Real Estate Continuing Education

This course is approved by the Board of Real Estate Brokers and Salespeople for six hours of the relicensure continuing education requirements. Subjects covered will include a Michigan statutes and rules update, real estate law cases, national industry updates and avoiding fraud and misrepresentation. This course includes the required two hours of law. The course fee includes materials. Participants arriving after the class begins will not be admitted due to the six-hour state requirement. Your real estate ID card and driver's license is required at check in, which begins 15 minutes before the class start time. CEUs: .6

**RELST 703-81**

**\$43 (Senior Fee \$23.50)**

**Thursday Sept. 30**  
**9:30 a.m. – 4 p.m. H 165 Bowman**

**RELST 703-82**

**\$43 (Senior Fee \$23.50)**

**Wednesday Oct. 27**  
**5 – 11 p.m. H 165 Bowman**

**COVID-19 NOTICE:** Before attending class, please go to [www.monroecc.edu/coronavirus](http://www.monroecc.edu/coronavirus) for the most up-to-date information on COVID-19 requirements at MCCC, including policies on masking. As of the publication of this schedule, facemasks are required in MCCC classrooms and labs.



## 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)**

**Tues/Thurs Oct. 5 – Dec. 21**  
**5 – 9 p.m. Z 271 Kiselewski**



## 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)

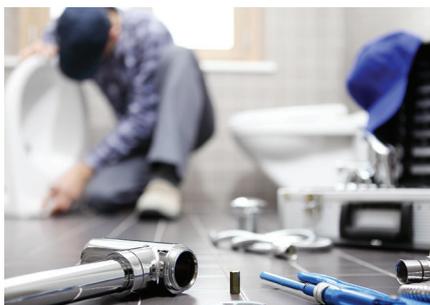
This course covers both sloped and flat roof coverings. Detailed descriptions and illustrations help to explain problems, causes and implications for common roofing materials. It also goes into detail on how to inspect roofs and what to watch for.

**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 Conditioning & 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.**



## Electrical Apprenticeship – Level 1

Monroe County Community College and the Southeast Michigan Construction Academy (SEMCA) will be offering the Electrical Apprenticeship – Level 1 class this fall (September 7 – December 16) and winter (January 3 – May 5) semesters at Monroe County Community College. You must begin in the fall semester. Classes will meet on Tuesday/Thursday from 6:30 – 9:00 pm. Employment is not guaranteed, nor required to begin this training. SEMCA will work with students who would like to be employed in the electrical field. Students must be 18 or older with a high school diploma/GED to apply. Students must also provide copies of driver's license, social security card and high school diploma/GED.

This hands-on course will begin with basic construction safety in residential, commercial and industrial construction. All students will receive instruction on operating hand and power tools. Students will be introduced to electrical theory and the rules and regulations that govern the trade through the National Electrical Code (NEC). In addition, students will learn the basics of electrical circuits, conduit bending and residential electrical service. Throughout the Level 1 course, students will spend time in the classroom as well as shop space to learn performance tasks. Successful completion of this course will result in an industry-recognized NCCER credential and an OSHA 10 certification. First year tuition is \$3,800; textbooks are included.

For additional information on how to apply for this program, please contact Renee Drouillard at [rdrouillard@monroeccc.edu](mailto:rdrouillard@monroeccc.edu) or (734) 384-4229 or Barry Kinsey at [bkinsey@monroeccc.edu](mailto:bkinsey@monroeccc.edu).

## Vex Robotics

The VEX Robotic team provides students 3rd grade through college, in three different age groups, the opportunity to learn about competitive robotics as part of a community team. Students can participate year round with new contests and projects being implemented annually. Students will gain an introduction to mechanical, electrical, programming and CAD design while keeping track of individual progress through an engineering notebook. Students also develop additional skills, including multimedia marketing, team building, time management, and public speaking. The VEX program operates on the MCCC campus for six competitive seasons and is designed to be a year-round, continuous student development program. Interested students should visit a class session to learn more and meet the other team members and mentors. **Contact [mmohn@monroeccc.edu](mailto:mmohn@monroeccc.edu) or [jeffdemaray@yahoo.com](mailto:jeffdemaray@yahoo.com) for further information.**

## VEX Age Groups

**VEXIQ Robotics:** The VEXIQ Robotic platform, which requires limited tool usage and no power tools, is for 3rd grade through 8th grade. The class is generally scheduled to meet on Monday nights, but other options are available. Middle school students could be assigned to VRC based based on experience. Students form teams of 4-6 students and compete in both home and away events. Teams from the Virus group have competed at both state championship and the world championship.

**VEX Robotics Competition (VRC):** The VRC teams consist of 4 or more students 8th grade through 12th grade. Students begin to use power tools including drills, Dremel and band saws. Students will also be given the opportunity to compete more times than the VEXIQ division. Middle school students are assigned to VEXIQ or VRC based on experience, ability and other factors. Recently teams from MCCC have competed in both away and home events including both the state championship and the world championship.

**VEXU:** The VEXU platform uses VRC parts but the rules are different, the robots are bigger, and a greater emphasis is placed on autonomous driving via software development. Students have an upper age limit of 26 and must be a registered college student full or part-time. Students can attend MCCC or other local college to participate on the team. Last year, which was the inaugural year for the program, the MCCC team competed at the World Championship.

Current schedule: Monday, Tuesday and Thursday, 5:30 – 9:30 p.m. in the Cellar

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