 **HMI211**  **Home Inspection III – Course Plan**

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| Week | Outcomes | Format | Hrs | Topic / Content | Readings | Assignments | Assessment | Resources |
| 1 | Review | Lecture | 3 | Topic: Introduction  History of home inspection / Standards of practice  Description: Review and discussion of standards / report writing process / review of safety  Application: CAHPI (OAHI) Standards of Practice | Standards of Practice and text pages as assigned by instructor  DVD/ defect recognition / case studies | **Assignment...** preparation for quiz next week / readings | Weekly progress and review of questions /quiz / assignments  Submitted work review | CAHPI / OAHI / ASHI Standards of Practice  OAHI DVD of defect recognition  Complete Book of Home Inspection – N. Becker  Inspecting a House - R. Cauldwell |
| 2-3-4 | 1.6, 2, 3 | Review  Lecture  Lab | 1.5  5.5  2 | Review assignment / **quiz** at beginning of each following class / review / discussion of answers  Topic: **Electrical Systems**  Description: inspection methodology / identify / describe / report deficiencies/ report writing process  Application: case studies / report writing exercises photos / group discussion / review/ field trips to shop  i.e. review material / products in shop  i.e. speaker – ESA inspector /related building materials / discuss / performance | Standards of Practice and text pages as assigned by instructor  DVD/ defect recognition / case studies | **Field** **assignment** for next class – photos of electrical system / write up report  **Assignment ...** preparation for quiz next week / readings | Weekly progress and review of questions /quiz / assignments  Submitted work review  Completion of electrical system report | As above and camera |

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| 5-6 | 1.7, 2, 3 | Review  Lecture  Lab | 1  4  1 | Review assignment / **quiz**  at beginning of each following class / review / discussion of answers  Topic: **Heating Systems**  Description: inspection methodology / identify / describe / report deficiencies/ report writing process  Application: case studies / report writing exercises photos / group discussion / review/ field trips to shop  i.e. review material / products in shop  i.e. speaker – HVAC contractor / equipment / discuss / performance | Standards of Practice and text pages as assigned by instructor  DVD/ defect recognition / case studies | **Field assignment** for next class – photos of heating system / write up report  **Assignment...** preparationfor quiz next week | Weekly progress and review of questions /quiz / assignments  Submitted work review  Completion of heating system report | As above and camera |
| 7 - 8 | 1.8, 2, 3 | Review  Lecture  Lab | 1  4  1 | Review assignment / **quiz** at beginning of each following class / review / discussion of answers  Topic: **Air Conditioning / Cooling / Heat pump Systems**  Description: inspection methodology / identify / describe / report deficiencies/ report writing process  Application: case studies / report writing exercises photos / group discussion / review/ field trips to shop  i.e. review material / products in shop  i.e. speaker – HVAC contractor / equipment / discuss / performance | Standards of Practice and text pages as assigned by instructor  DVD/ defect recognition / case studies | **Field assignment** for next class – photos of AC system / write up report  **Assignment...** preparationfor quiz next week / readings | Weekly progress and review of questions /quiz / assignments  Submitted work review  Completion of AC system report | As above and camera |
| 9-10 | 1.10, 2, 3 | Review  Lecture  Lab | 1  4  1 | Review assignment / **quiz** at beginning of each following class / review / discussion of answers  Topic: **Mechanical and Natural Ventilation Systems**  Description: inspection methodology / identify / describe / report deficiencies/ report writing process  Application: case studies / report writing exercises photos / group discussion / review/ field trips to shop  i.e. view material / products in shop  i.e. speaker – HVAC contractor / equipment / discuss / performance | Standards of Practice and text pages as assigned by instructor  DVD/ defect recognition / case studies | **Field assignment** for next class – photos of ventilation system / write up report  **Assignment...** preparation for quiz next week / readings | Weekly progress and review of questions /quiz / assignments  Submitted work review  Completion of ventilation system report | As above and camera |
| 11-12 | 1.9, 2, 3 | Review  Lecture  Lab | 1  4  1 | Review assignment/**quiz** at beginning of each following class / review / discussion of answers  Topic: **Interior Systems**  Description: inspection methodology / identify / describe / report deficiencies/ report writing process  Application: case studies / report writing exercises photos / group discussion / review/ field trips to shop  i.e. view material / products in shop  i.e. speaker – related building materials / discuss / performance  test and review | Standards of Practice and text pages as assigned by instructor  DVD/ defect recognition / case studies | **Field assignment** for next class – photos of interior system / write up report  Preparation for next week’s field trip(s) - 2 | Weekly progress and review of questions /quiz / assignments  Submitted work review  Completion of interior system report | As above and camera |
| 13 | 1, 2, 3 | Lab  Group # 1  Lab  Group # 2 | 2  2 | Topic: **Field inspection of house**  Description: inspection methodology / identify / describe / report deficiencies/ report writing process  Application: practical application / photos / group discussion | Standards of Practice and text pages as assigned by instructor  DVD/ defect recognition / case studies | **Field assignment** for next class – complete and compile photos of all systems / write up final report | Weekly progress and review of final project / assignments  Submitted work review | As above and camera |
| 14-15 | 1, 2, 3 | Lecture  Lab | 3  3 | Topic: Practical application of field home inspection  Description: inspection methodology / identify / describe / report deficiencies/ report writing process  Application: practical application / photos / group  preparation and submission of final home inspection report  **Final assignment to be submitted** | Standards of Practice and text pages as assigned by instructor  DVD/ defect recognition / case studies | Test Week 15  **Final assignment to be submitted** | Weekly progress review of questions /quiz / assignments  Submitted work review | As above and camera |
| 16 | 1, 2, 3 | Lecture | 3 | Review / take up final test  Presentation , sharing and discussion of final projects |  | Review and presentations |  |  |