 **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 practiceDescription: Review and discussion of standards / report writing process / review of safetyApplication: CAHPI (OAHI) Standards of Practice | Standards of Practice and text pages as assigned by instructorDVD/ defect recognition / case studies | **Assignment...** preparation for quiz next week / readings | Weekly progress and review of questions /quiz / assignmentsSubmitted work review | CAHPI / OAHI / ASHI Standards of PracticeOAHI DVD of defect recognitionComplete Book of Home Inspection – N. BeckerInspecting a House - R. Cauldwell |
| 2-3-4 | 1.6, 2, 3 | Review LectureLab  | 1.55.52 |  Review assignment / **quiz** at beginning of each following class / review / discussion of answersTopic: **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 shopi.e. speaker – ESA inspector /related building materials / discuss / performance  | Standards of Practice and text pages as assigned by instructorDVD/ 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 / assignmentsSubmitted work reviewCompletion of electrical system report | As above and camera |

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| 5-6 | 1.7, 2, 3 | Review LectureLab  | 141 | Review assignment / **quiz** at beginning of each following class / review / discussion of answersTopic: **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 shopi.e. speaker – HVAC contractor / equipment / discuss / performance  | Standards of Practice and text pages as assigned by instructorDVD/ 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 / assignmentsSubmitted work reviewCompletion of heating system report | As above and camera |
| 7 - 8 | 1.8, 2, 3 | Review LectureLab  | 141 | Review assignment / **quiz** at beginning of each following class / review / discussion of answersTopic: **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 shopi.e. speaker – HVAC contractor / equipment / discuss / performance  | Standards of Practice and text pages as assigned by instructorDVD/ 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 / assignmentsSubmitted work reviewCompletion of AC system report | As above and camera |
| 9-10 | 1.10, 2, 3 | Review LectureLab  | 141 | Review assignment / **quiz** at beginning of each following class / review / discussion of answersTopic: **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 shopi.e. speaker – HVAC contractor / equipment / discuss / performance  | Standards of Practice and text pages as assigned by instructorDVD/ 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 / assignmentsSubmitted work reviewCompletion of ventilation system report | As above and camera |
| 11-12 | 1.9, 2, 3 | Review LectureLab  | 141 | Review assignment/**quiz** at beginning of each following class / review / discussion of answersTopic: **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 shopi.e. speaker – related building materials / discuss / performance test and review  | Standards of Practice and text pages as assigned by instructorDVD/ 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 / assignmentsSubmitted work reviewCompletion of interior system report | As above and camera |
| 13  | 1, 2, 3 | LabGroup # 1Lab Group # 2 | 22 | 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 instructorDVD/ 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 / assignmentsSubmitted work review | As above and camera |
| 14-15  | 1, 2, 3 | LectureLab  | 33 | 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 instructorDVD/ defect recognition / case studies | Test Week 15**Final assignment to be submitted** | Weekly progress review of questions /quiz / assignmentsSubmitted work review | As above and camera |
| 16 | 1, 2, 3 | Lecture  | 3 | Review / take up final testPresentation , sharing and discussion of final projects |  | Review and presentations |  |  |