



UNIVERSITI TEKNOLOGI MARA

BCT672: PROFESSIONAL ETHICS AND INTEGRITY IN CONSTRUCTION

| | |
|--|---|
| Course Name (English) | PROFESSIONAL ETHICS AND INTEGRITY IN CONSTRUCTION APPROVED |
| Course Code | BCT672 |
| MQF Credit | 2 |
| Course Description | The general aim of the course is to provide a basic knowledge and understanding on the background of local construction industry scenario, organizations and practiced. The course also covers an introduction to building elements and plant machinery used, theoretical study with emphasis on the methods of executing preliminary works, temporary works, sub-structure and load bearing wall construction. |
| Transferable Skills | Knowledge, Value, attitudes and professionalism and Social skills |
| Teaching Methodologies | Lectures, Tutorial |
| CLO | CLO1 Explain the roles of professionals in the construction industry. CLO2 Integrate positive value, attitudes and ethics related to professional ethics and integrity in construction. CLO3 Demonstrate self confident and social responsibilities related to professional ethics and integrity in construction. |
| Pre-Requisite Courses | No course recommendations |
| Topics | |
| 1. Parties involved in building a project 1.1) the client, Architect, Technologist, Manufacturer, allied professionals, contractor etc. – their relationship, role and responsibility of each project participant. | |
| 2. Structure and organization of technologist office in the private sectors 2.1) Functions and duties of each category staff. | |
| 3. Forms of Technologist Practice 3.1) Sole Proprietorship, Partnership and Body Corporate, Multi-disciplinary practice etc. | |
| 4. Categories of Registered persons (comparison with Professional Architect, Architect, Registered Building Draughtsman) 4.1) N/A | |
| 5. Different roles of Technologist 5.1) As a client's agent, designer, submitting person, building team leader, specification writer, tender administrator and building contract administrator. | |
| 6. The process of good building and construction technology specification writing. 6.1) N/A | |
| 7. Introduction on Professional Legislation: rules and the regulatory body i.e. Malaysian Board of Technology (or related Board) 7.1) N/A | |
| 8. Introduction on Building Legislation 8.1) Street, Building and Drainage Act 1974, Building (Federal Territory of Kuala Lumpur) By-Laws 1985 and the local authorities. | |

| Assessment Breakdown | % |
|-----------------------|--------|
| Continuous Assessment | 50.00% |
| Final Assessment | 50.00% |

| Details of Continuous Assessment | Assessment Type | Assessment Description | % of Total Mark | CLO |
|----------------------------------|-----------------|---|-----------------|------|
| | Assignment | Written report covers topics related to the rules and regulation related to the technologist rules and regulations. | 10% | CLO2 |
| | Assignment | Written report related to construction technologist practices | 30% | CLO3 |
| | Test | Online test covers topics related to the roles of professionals in the construction industry. | 10% | CLO1 |

| Reading List | Reference Book Resources |
|--------------|--|
| | <ul style="list-style-type: none"> • Craig E. Johnson 2012, <i>Organizational Ethics</i>, SAGE Publications [ISBN: 1412987962] • Eduardo Victor Lopez, Alicia Medina 2016, <i>Ethics and Governance in Project Management</i>, Auerbach Publications [ISBN: 9781498743839] • Jon Bailey, Mary Burch 2016, <i>Ethics for Behavior Analysts</i>, Routledge [ISBN: 978113894920] • Leonard J. Brooks, Paul Dunn 2012, <i>Business & Professional Ethics</i>, Cengage Learning [ISBN: 0538478381] • Maria K. E. Lahman 2018, <i>Ethics in Social Science Research : Becoming Culturally Responsive</i>, Thousands Oaks, CASAGE [ISBN: 9781506328614] • Rebecca Mirsky and John Schaufelberger 2015, <i>Professional ethics for the construction industry</i> [ISBN: 9780203808283] |

| Article/Paper List | This Course does not have any article/paper resources |
|--------------------|---|
|--------------------|---|

| Other References |
|---|
| <ul style="list-style-type: none"> • Website Law of Malaysia 2006, <i>Act 133 STREET, DRAINAGE AND BUILDING ACT 1974</i>, THE COMMISSIONER OF LAW REVISION, MALAYSIA UNDER THE AUTHORITY OF THE REVISION OF LAWS ACT 1968, Kuala Lumpur http://www.pht.org.my/legislation/Street%20Drainage%20Building%20Act_1974%20%281-50%29.pdf • Website Law of Malaysia 2015, <i>Technologists and Technicians Act 768</i>, Percetakan National Malaysia Berhad, Kuala Lumpur http://file:///C:/Users/sony_shakira/Downloads/4d17e358-9dfe-40a3-974f-c74e3b8e840f.pdf |