**OBJECTIVES:** To provide knowledge and understanding of the principles and practices of commercial property, pecuniary, construction and engineering insurances, the cover available and the principles of claim settlement.

**PROPERTY AND PECUNIARY INSURANCE**

**DEVELOPMENT AND STRUCTURE OF PROPERTY AND PECUNIARY INSURANCE**
- Development of property and pecuniary insurances. 1
- Property and pecuniary insurance market. 1
- Market practices in relation to recommended policy wordings. 1
- Justification for recommended wordings. 2
- EC directives relevant to property insurance. 2
- Application of value added tax. 2
- Scope, terms and application of the Theft Act 1968, the Riot (Damages) Act 1886 and the Public Order Act 1986. 2

**PROPERTY INSURANCE COVER**
- The standard and possible additional perils covered by the principal policies. 3
- Provision of terrorism cover. 2
- The types of property insured (including use of the all other contents clause). 3
- Principal policy terms, conditions and exclusions (and availability of ‘buy backs’ on ‘all risks’ policies). 3
- Other clauses commonly found in property policies: day one and other reinstatement bases, stock declarations, old or obsolete buildings, long term undertakings, electrical, contract price, motor vehicle and metalworkers clauses. 3
- First loss, floating and blanket covers. 3
- Use of average conditions, warranties, excesses, deductibles and franchises. 3
- Extensions to theft policies including collusion, secretion and hold-up cover. 2
- Risks and property covered and excluded, extensions to and general terms of other commercial policies. 2
- Renewal procedures and considerations. 1

**PECUNIARY INSURANCE—BUSINESS INTERRUPTION INSURANCE**
- Need for and function of business interruption insurance. 2
- Explaining what needs to be insured and not insured. 3
- Distinction between accountants’ and insurers’ gross profit. 1
- Definition of the ‘difference’ basis of gross profit. 3
- Development of payroll coverage. 1
- Selection of the maximum indemnity period and rationale of choice. 3
- Calculation of gross profit sum insured from presented accounts. 2
- Standard and extra perils insured on interruption policies. 3
- Additional clauses commonly added to policies including suppliers and customers extensions, public utilities, denial of access, loss of attraction and notifiable diseases cover and other specially requested clauses. 2

**PECUNIARY INSURANCE—FIDELITY GUARANTEES AND BONDS, CREDIT INSURANCE**
- Coverage of fidelity insurance policies, including specific, floating and blanket policies. 2
- Distinction between fidelity guarantees and bonds. 2
- Scope of cover of commercial guarantees, administration and court bonds, government bonds, bankruptcy and liquidation bonds, customs and excise bonds, local government bonds and contract guarantees. 2
- Scope of cover provided by credit insurance policies. 2

**PACKAGE POLICIES AND COMBINED COVERS**
- Application of package policies to property and pecuniary insurance. 2
- Relationship of package policies to other branches of insurance. 1
- Development and operation of combined policies. 3

**RISK ASSESSMENT—PROPERTY AND PECUNIARY INSURANCE**
- The tasks of the risk underwriter. 1
- Presentation of risks for underwriting. 1
- Essential information needed for a risk presentation. 2
- Use of proposal and application forms in property and pecuniary insurance. 2
- Distinction between physical and moral hazards with examples from all classes of property and pecuniary insurance. 2

**ADMINISTRATION AND ACCOUNT MANAGEMENT**
- Financial aspects of the property and pecuniary portfolio. 2
- Methods of establishing earned premiums. 2
- Practices used in the calculation of reserves. 2
- Comparison between expense ratios, claims analysis and assessment of underwriting performance. 2
- Meaning of accumulation of risk and the application of IT. 2
- Use of IT in monitoring risk exposure. 2
- Data bank warnings on proposal forms. 1
- IT uses in rate calculation for insurance schemes and delegated authority schemes. 2
CLAIMS PRINCIPLES AND PROCEDURES
Application of the principles of insurance relating to claims, including the effect of warranties.  2
Examples of market agreements and trends in their use.  1
Application of ABI Statement of General Insurance Practice.  2
Role of the Insurance Ombudsman Bureau.  1
Relationship between underwriting and claims teams.  2
Claims notification and use and completion of claim forms.  1
Procedures for handling claims.  3
Use of loss adjusters and content of adjusters' reports.  3
Use of loss assessors.  1
Measurement of indemnity for various classes of property insured.  3
Distinction between indemnity and reinstatement settlements.  3
Calculation of claims involving the use of average conditions.  3
Apportionment of losses involving the principle of contribution.  1
Settlement of claims involving collective policies.  3
Use of policy ‘formula’ to calculate business interruption claims settlements.  3
Importance of the material damage proviso.  2
Calculation of gross profit claims on interruption policy including the other circumstances clause and treatment of increase in cost of working, savings and underinsurance.  3
Settlement of claims on commercial guarantees and bonds.  1
Practical settlement of claims in event of dispute including arbitration and use of Alternative Dispute Resolution.  2

CONSTRUCTION INSURANCE (INCLUDING ERECTION ‘ALL RISKS’)
DEVELOPMENT AND STRUCTURE
Development and need for construction insurance.  2
Legislation applicable to construction insurance.  3
Parties to construction contracts.  2
The construction market, including Home Foreign.  1
Construction and its potential effect on environmental issues.  2
Development and structure of other construction related insurances:
—latent defects insurances;  2
—professional indemnity insurance;  2
—contract guarantee insurance;  2
—civil engineering completed risks.  2

CONSTRUCTION CONTRACTS (OBLIGATIONS OF INTERESTED PARTIES UNDER INSURANCE AND INDEMNITY CLAUSES)
Joint Contract Tribunal (JCT), Institution of Civil Engineers (ICE), Government Contracts for Building and Civil Engineering Works (GC/Works/1), Contractors Plant Hire Association Model Conditions for Hiring of Plant (CPA Conditions), Engineering and Construction Contract (ECC).  3
International Conditions of Contract for Works of Civil Engineering Construction (FIDIC contract), Institution of Mechanical Engineers (IMechE), Institution of Chemical Engineers (IChemE), European Crane Association (ECA).  2
Private Finance Initiative (PFI).  2

POLICY COVER
Non-admitted risks and differences in policy conditions.  2
Contract works.  3
Machinery erection risks.  3
Contractors plant and equipment cover.  3
Employers’ liability and public liability.  2
JCT 21.2.1.  2
Latent defects.  2
Professional indemnity.  2
Contract guarantee insurance.  2
Civil engineering completed risks.  2

ENGINEERING INSURANCE
DEVELOPMENT AND STRUCTURE
Development of and need for engineering insurance.  2
Legislation applicable to engineering insurance.  2
Structure and organisation of engineering insurers.  3
EU standardisation and requirements for best practices.  2
The engineering market, including Home Foreign.  1

POLICY COVER
Inspected classes.  3
Computers.  2
Machinery movement.  2
Deterioration of stock.  2
Miscellaneous plant.  2

BUSINESS INTERRUPTION RELATING TO ENGINEERING AND CONSTRUCTION INSURANCES
DEVELOPMENT AND STRUCTURE
Development of and need for business interruption insurance.  2
Indemnity provided under business interruption policies.  3
The business interruption market including Home Foreign.  1
Application of reinsurance.  2

ENGINEERING BUSINESS INTERRUPTION
Engineering business interruption policy cover.  3
Computer and miscellaneous risks.  3

CONSTRUCTION BUSINESS INTERRUPTION
Advance profits policy cover.  3
JCT clause 22D Insurance.  2
Business interruption covers for contractors following loss or damage to contract works for increased cost of working and additional cost of construction for unbuilt works.  2
JCT 2.5.4.3 insurance for contractors for loss of liquidated damages arising out of negligence.  2

OTHER BUSINESS INTERRUPTION COVERS
Business interruption covers following latent defects insurance.  2
Business interruption covers following civil engineering completed risks insurance.  2
Cover for fines and damages and contract overrun.  2
The nature of business interruption insurance under Private Finance Initiative.  2

TECHNICAL MODULE
CLAIMS

| Principles of claims handling. | 3 |
| Claims procedures, including legal procedures and notification procedures. | 2 |
| Determining the extent of liability and application of policy conditions. | 3 |
| Estimating claims reserves, including incurred but not reported (IBNR). | 2 |

Knowledge ratings

Each sub-topic has been designated a numerical knowledge rating as follows:

1. General background awareness necessary.
2. Requires a knowledge of the major elements of procedures or concepts and their uses.
3. Requires the ability to evaluate concepts, issues, policies and procedures, together with an understanding of associated aspects of these items and their application to various situations.

Study materials

The following list provides details of various publications which may assist with your studies. The primary text for this syllabus is shown in bold type. Periodicals and publications listed as additional reading will be of value in ensuring candidates keep up to date with developments and in providing a wider coverage of syllabus topics. The reference materials cited are authoritative, detailed works which should be used selectively as and when required.

Most of these additional study materials can be borrowed or purchased from the CII library.

Primary text


Additional reading and reference materials


Periodicals

Civil engineer international. London: EMAP Construct.