



GABM

Global Academy of
Business & Management

GABM Global Academy of Business and Management is most renowned online academy offering graduate and designation qualification's, short courses and mini-MBA in 10 management specializations through quality education and management certification around the world.

CONSTRUCTION MANAGEMENT

Programme specification and Study guide



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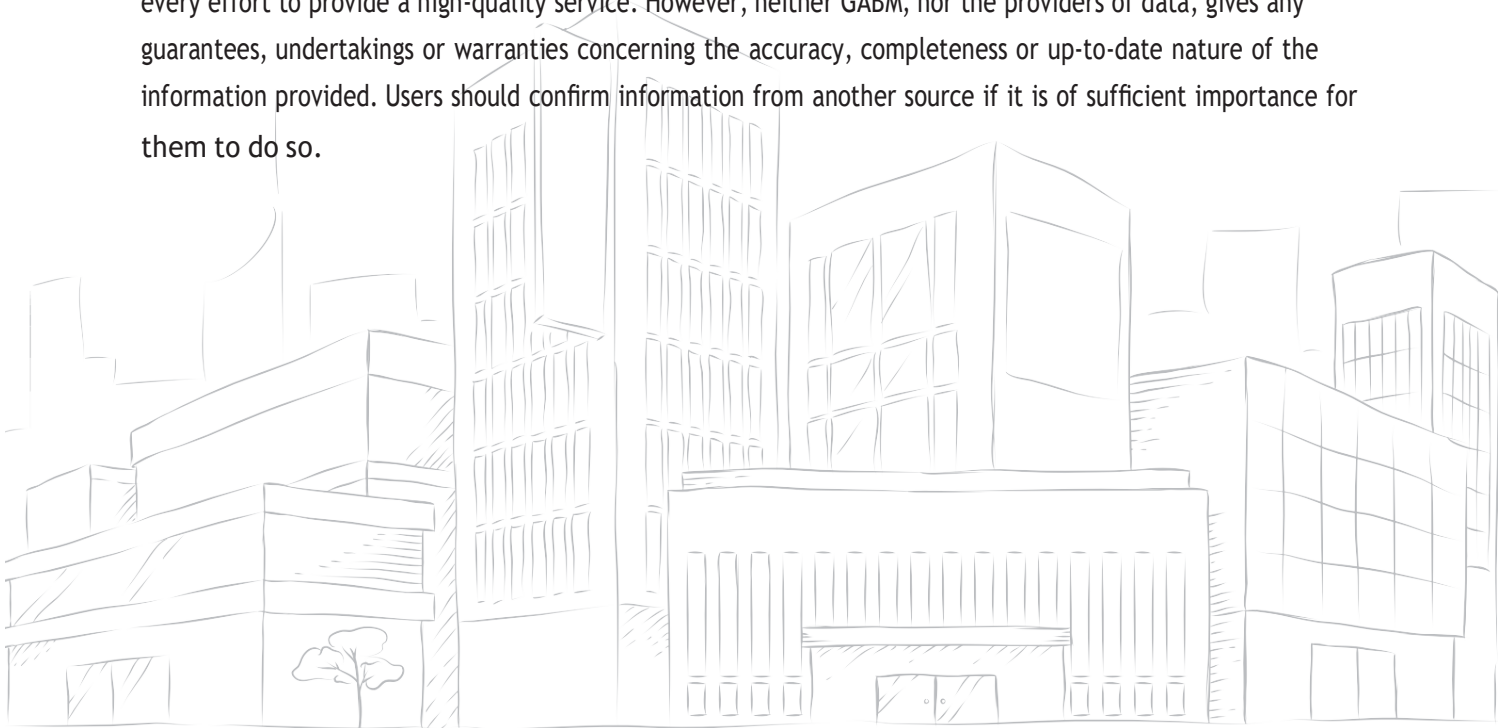
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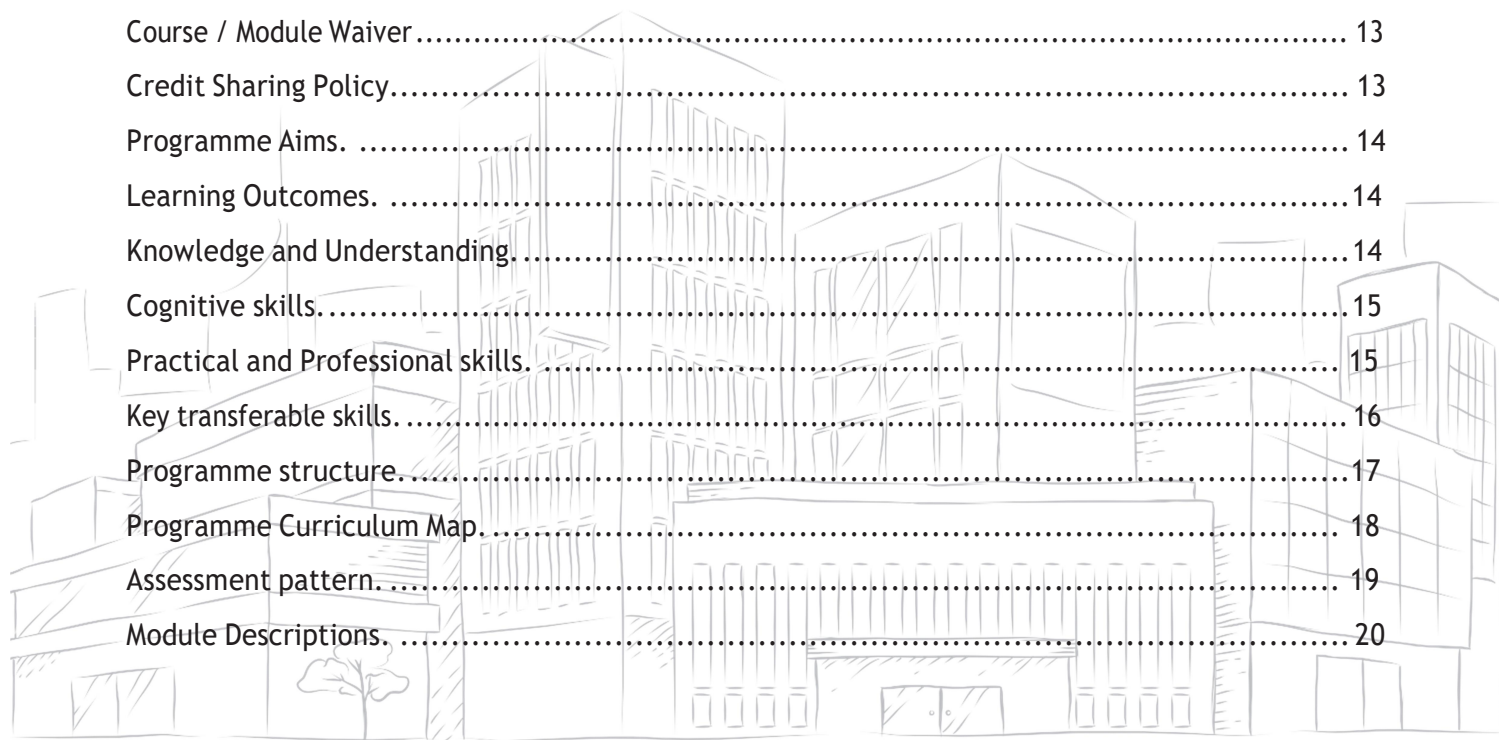
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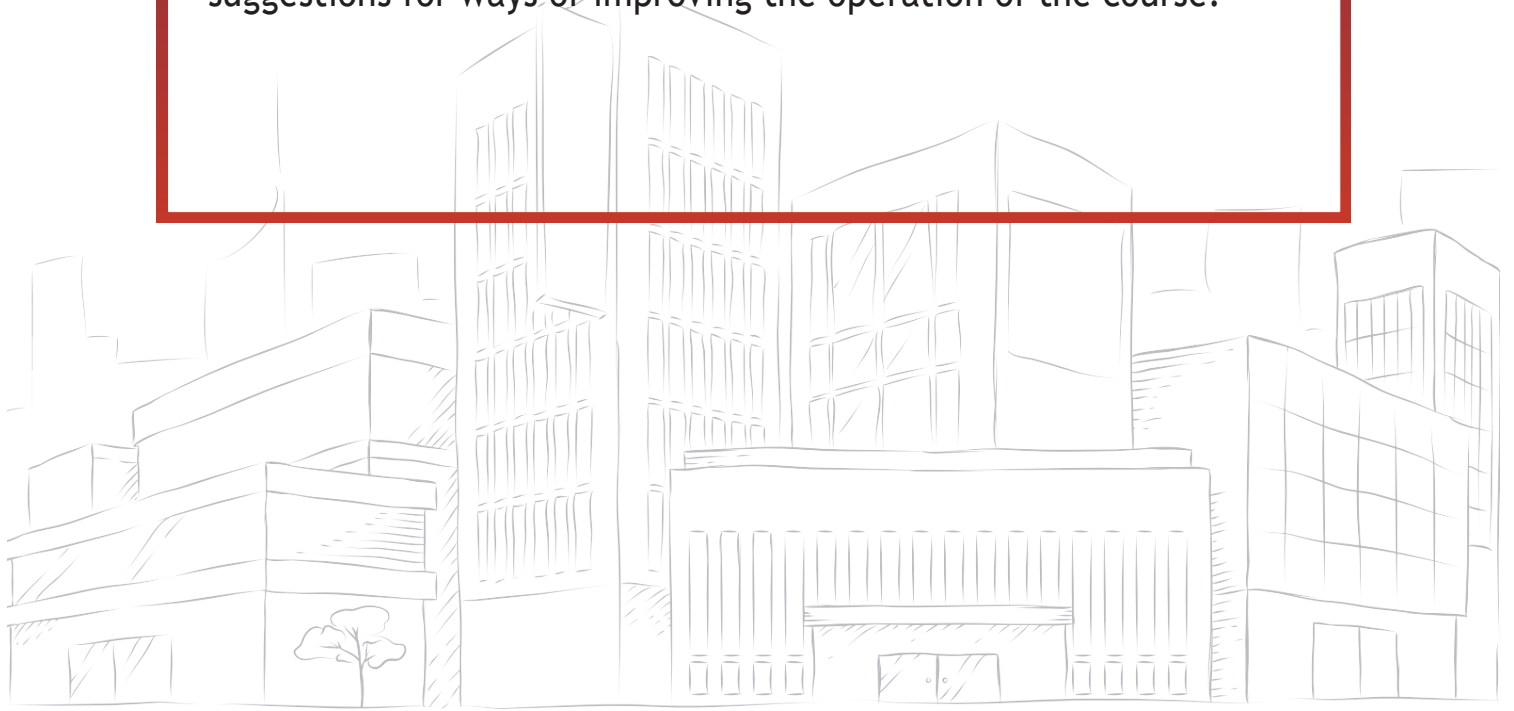
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FOREWORD

It is not expected that all answers will be found in this text. Unforeseen question will arise and answers will be needed. Students should begin addressing their questions to office of the executive education and professional certification of the academy. In most cases the student's academy officer or director or graduate secretary or associate director will be able to provide the required information. Complex issues may require further advice or action from the academy board or commission.

Please note that in order to develop and improve the course, it may be necessary on occasions to amend or revise the details given in this course guide. We are pleased to hear your views and welcome suggestions for ways of improving the operation of the course.



ABOUT THIS GUIDE

This course guide has been designed to help you plan your course. You are encouraged to read this guide through now. It will be a considerable advantage to you to be familiar from the outset with the various aspects of your study that are described. It may be that the relevance of some of the sections will not be immediately obvious. Keep it somewhere accessible, so that you can refer to it as needed.

This programme specification provides a concise summary of the main features of the programme and the learning outcomes that a typical student might reasonably be expected to achieve and demonstrate if he/she takes full advantage of the learning opportunities that are provided.



WELCOME

On behalf of GABM Global Academy of Business and Management Team I would like to extend to you a very warm welcome and wish you every success in your studies at GABM.

The Academy experience and academic success is all about the effort you put into learning and making the most of the wide range of opportunities available to you. We welcome students who are eager to think for themselves to take control of their own learning and who are ready to get involved in developing the skills required in a highly competitive job market.

You will need to demonstrate good time management skills, independent learning, flexibility and discipline in order to achieve a study work-life balance. We believe it is important that you are encouraged to make your own contribution to the effective operation and development of your chosen course. We are, therefore keen to hear your views and would welcome any suggestions that you may have about ways of improving any aspect of your course and / or the student experience here at GABM Global Academy.

I congratulate on securing your place on our GABM Global academy qualifications. I hope you find your time with us demanding, rewarding and enjoyable. The programme has been developed following themes implemented upon various professional training and management development courses.

Our training and education aimed at enhancing the skills of qualified professionals, engineers and managers. Our qualification formalizes this training and education into a full academic qualification, for which there is a strong demand both in India and Overseas.

May I wish you the very best of luck in your training, education and indeed in your career.

CONSTRUCTION MANAGEMENT

Summary Programme Details

GRADUATE QUALIFICATION

Title of the qualification award (1)	
Credits Points	Graduate Certificate in construction management 200
Level of award	5(Refer Global academy qualifications framework for more info)
Entry Requirements	Secondary school / Graduate/ Fresher's
Modules	7 Core
Electives	3 Electives
Fees	Indian Students : 14,999 / - Rs (including GST) International Students : 250 (USD)
Title of the qualification award (2)	
Credits Points	Graduate Diploma in construction management 300
Level of award	5 (refer Global academy qualifications framework for more info)
Entry Requirements	Bachelor Degree / Final year students can apply
Modules	10 Core
Electives	5 Electives
Fees	Indian Students : 18,999 / - (including GST) International Students : 300 (USD)

DESIGNATION QUALIFICATIONS

Designation Title	Certified Construction Professional (CCP)
Credit points	400 Points
Level of award	6(refer Global academy qualifications framework for more info)
Entry Requirements	Bachelor degree with Graduate certificate from GABM.
Modules	10 Core and 5 electives with PR
Fees	Indian Students : Rs. 18,999 / - (including GST) International Students : 300 (USD)
Designation Title	Certified Construction Manager (CCM)
Credit points	480 (all Modules core and electives) with PR
Level of award	6(refer Global academy qualifications framework for more info)
Entry Requirements	Bachelor degree with 2 years' experience
Fees	Indian Students : Rs. 24,999 /-(including GST) International Students :350 (USD)
Designation Title	Certified Construction Director (CCD)
Credit points	480 (all Modules and electives) with PR
Level of award	7(refer Global academy qualifications framework for more info)
Entry Requirements	Bachelor degree with 5 years' experienceIndian
Fees	Students :29,999 / - Rs (including GST) International Students : 400 (USD)

SUMMARY PROGRAMME DETAILS (CONT.)

VALIDATION

Validating Institution	GABM Global Academy of Business and Management
Date of Last Validation	October 2020
Date of next periodic review	October 2023

PROFESSIONAL ACCREDITATION

Accrediting body:	American Management Institute (AMI)
Date of last programme accreditation	October 2022
Date of next periodic review	September 2023
Accrediting body:	International Accreditation organization
Date of last programme accreditation	October 2020
Date of next periodic review	October 2025
Accrediting body:	European accreditation council for online learning
Date of last programme accreditation	October 2022
Date of next periodic review	September 2023
Accrediting body:	United states distance learning association
Date of last programme accreditation	October 2022
Date of next periodic review	September 2023
Accrediting body:	The international association for continuing education and training
Date of last programme accreditation	October 2022
Date of next periodic review	September 2023
Accrediting body:	International accreditation bureau for distance learning
Date of last programme accreditation	September 2022
Date of next periodic review	September 2023

LEARNING MATERIAL APPROVAL

Approving and Reviewing Body	American Management Institute (AMI)
Status	Approved
Approving and Reviewing Body	World certification Institute
Status	Approved
Approving and Reviewing Body	The CPD Certification Service, UK
Status	Approved
Approving and Reviewing Body	CPD Group , UK
Status	Approved
Approving and Reviewing Body	International Board of Certified Trainers (IBCT)Netherlands
Status	Approved

PROGRAMME OVERVIEW

RATIONALE

The Construction Management prepares students for a professional role in the management of construction projects by providing students with an understanding of both the people-related and technical requirements necessary for the successful management of projects, as well as their organizational and strategic aspects. The course enables theoretical and conceptual exploration of construction project management issues whilst also stressing the essential practical aspects such as project control mechanisms, resource management, budgeting and cost management, stakeholder management, contract management, IT applications and information management.

Engagement with important and emerging construction industry issues is built into course Unit learning and assessment activities; the core Construction Project Management Professional Practice unit being delivered in partnership with industry partner organizations so that students are exposed to the challenging and exciting environment of contemporary civil engineering and construction projects..

QUALIFICATION FRAMEWORK

The Programme maps closely to the Global academy qualifications framework prepared by office of executive education and professional certification.

ENTRY REQUIREMENTS

Entrants to this programme are normally required to have attained the following.

- Applicants should either have at least Secondary school or entry to bachelor degree for Graduate certificate
- Students who have completed bachelor degree / fresher or final year students can apply for Graduate diploma.
- Bachelor degree with one of the graduate certificate from GABM for professional certificate
- Bachelor degree with 2 years' experience for Managerial certificate.
- Bachelor degree with 5 years' experience for Director Certificate.
- A good honors degree or equivalent in a relevant subject or equivalent industrial and work experience in construction management or other related field.

WHAT CAN I DO WITH THIS MAJOR IN CONSTRUCTION MANAGEMENT

Entrants to this programme are normally required to have attained the following.

- | | | |
|------------------------------|-------------------------------------|---------------------|
| - Architectural technologist | - Facilities manager | - Financial manager |
| - Building control surveyor | - Further education teacher | - Quantity Surveyor |
| - Building services engineer | - Management Consultant | - Site Engineer |
| - Building Surveyor | - Planning and development surveyor | - Site manager |
| - Construction Manager | - Town Planner | - Cost estimator |
| - Environmental Engineer | - Sustainability consultant | - Project manager |

PROGRAMME PROGRESSION

All modules on this Programme are set at Global academy qualification framework level 6 (Masters level) and there are no co-requisites or prerequisites in the study programme. Assessments are conducted in accordance with the GABM General and Academic Regulations for Students and the GABM Postgraduate Programme Assessment, Progression and Award Regulations.

AWARDS

- Graduate certificate in construction management
- Graduate Diploma in construction management
- Certified Construction Professional (CCP)
- Certified Construction Manager (CCM)
- Certified Construction Director (CCD)

Awards are conferred in accordance with the GABM General and Academic Regulations for Students and the GABM Postgraduate Programme Assessment, Progression and Award Regulations.

CAREER PROSPECTS

This programme equips students with the essential subject knowledge and postgraduate skills and expertise to enable them to enter and work within the Construction and Project Management areas of practice within the construction industry. The opportunities available are fairly extensive and include the following areas of professional practice:

- Property management
- Construction management
- Project management
- Maintenance and refurbishment sector
- Property development
- Environmental manager

WHO SHOULD ATTEND

- Construction business owners and their employees (including general contractors, speciality contractors and subcontractors)
- Public and private sector project owners and their representatives.
- Architects and Engineers
- Developers
- Construction insurers and sureties.
- Construction lenders
- Construction consultants (accountants and attorneys)
- Individuals preparing to take professional exam.
- All whose work requires a strong grasp of construction management fundamentals.

LEARNING AND TRAINING METHODS

The construction management programme uses a number of different assessment techniques that will allow you to demonstrate your understanding of concepts and issues covered. These may be broadly categorized as 'coursework' which may be in the form of individual or group assignments, practical problem-solving exercises and presentations.

It should be emphasized that the purpose of assessment is not only grade you, and provide information to facilitate management of the course, but also to provide feedback to you. In this manage it accordingly. You should keep all the returned assessment work in a file as you may have to submit this at the end of the programme for the academy to assess.

Individual model leaders will distribute information on the methods of assessment used, and their weighing at the start of each module.

ASSESSMENT STRATEGY

The assessment strategy for each module will be outlines within the module. The modules will be assessed as coursework. Each of the assessments that you complete will assess a series of learning outcomes defined in the modules. Note that within some modules you may complete assessments that do not carry marks, these are termed formative and are an opportunity for you to gain feedback on your progress that will help you in your summative (marks carrying) assessments.

NOTIFICATION OF ASSIGNMENTS

You will be notified of assessments by the academy. They will advise you of the requirements, the marking criteria and of the respective submission dates during one or more of the timetabled sessions.

Submission of coursework assignments is typically by one of two methods. Paper submissions are made to the address of the academy. Electronic submissions are made through email or through myglobal platform.

REFERENCING

For most of your assignments you will be expected to do some further reading and you are required to think and produce increasingly original work, around the work of others. You need to give suitable credit to those that have produced the work that you are using.

The default referencing is the GABM referencing system (a guide to this system can be found on the course space, accessed through the student portal). Please use this unless you are directed differently within your assignment brief.

FEEDBACK FOLLOWING ASSESSMENTS

You will be provided with generic feedback for in module formative and summative elements of assessment which contribute to a module within 15 working days of the scheduled submission date.

Generic feedback on end of module assessment will be made available within 15 days of publication of results. Feedback may be oral, written, posted on a website or other.

The module tutors have a variety of methods for helping you to improve your performance. They will often give you direction prior to the deadline in the form of feed forward pointers based on their experiences of delivering similar learning and assessment before use this to gain a better understanding of what is expected of you.

STUDY SUPPORT

INDUCTION MODULE

All students are expected to complete the non-credit bearing Induction Module before the programme commences. The Induction Module is designed to equip students with the skills they need to study at GABM. The topics covered include:

- Studying at a distance
- Understanding your learning style
- How to manage your time
- Reading actively and critically
- Introduction to the e-library
- Developing academic writing
- Writing in your own words - a guide to how to reference your work

The resources within the Induction Module are available to students throughout the duration of their study with GABM.

STUDENT LEARNING SUPPORT

The Programme is delivered via the online and distance learning and support is provided online giving students' access to GABM tutors and other students worldwide.

The GABM Programme administrator or Director of the academy will act as the main point of contact to students throughout the duration of their Programme. The academic team will guide and support students' learning. Other GABM teams provide support for assignments, exams and technical issues.

Each student, whatever their location, will have access to a wealth of library and online materials to support their studies.

ENGLISH LANGUAGE SUPPORT

English is the common language for all programmes. It is appreciated that some students will need additional support. Therefore, the GABM provides learning resource to help students whose first language is not English.

ASSESSMENT

Assessment for the course is based primarily on coursework. In some modules tests are used to confirm knowledge and understanding of core concepts. In modules where enquiry-based learning is used, the scenarios adopted will provide the vehicles for the coursework. For the dissertation / thesis module, the assessment is based on an individual piece of research conducted by the student and culminating in the submission of a dissertation / thesis.

ACADEMIC PERFORMANCE

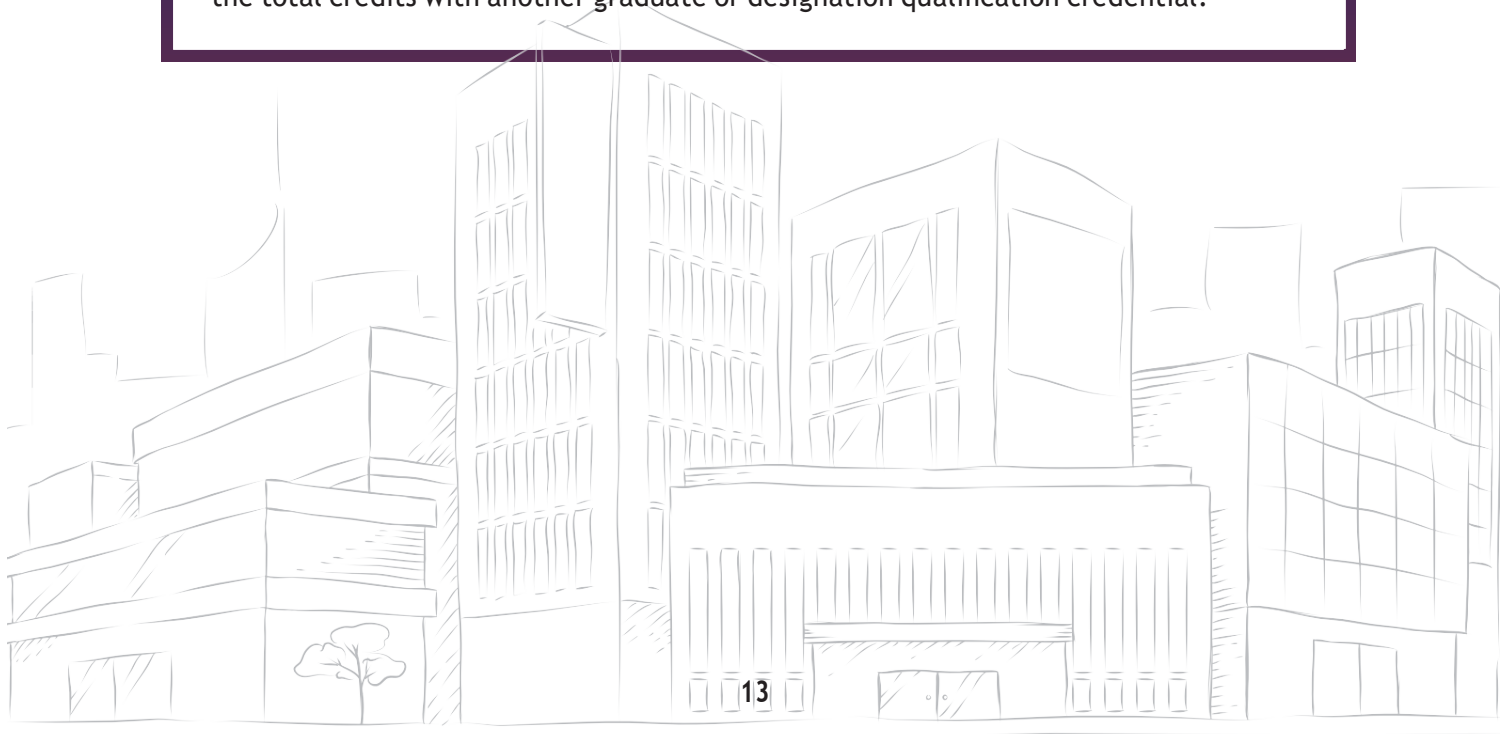
Students will receive a written evaluation of their academic progress, performance and professional potential. This evaluation will assist students to define their strength and weakness allowing the student to work on improving the weaker performance areas.

COURSE / MODULE WAIVER

Students requesting course waivers must compile suitable documentation for how the proposed course is comparable. Suitable documentation may include but is not limited to course syllabi, examinations, term papers, bibliographies, textbooks, reading lists and lecture notes. Lack of suitable documentation may result in denied request. Once documentation is compiled, students will request written permissions from their committee and the instructor of the course to be waived. After completing the proceeding steps, students must submit all materials to the academy.

CREDIT SHARING POLICY

If your programme includes more than 200 points, then you may share up to 30% of the total credits with another graduate or designation qualification credential.



PROGRAMME AIMS

PROGRAMME AIMS

This course aims to provide you with the highly sought-after knowledge and skills needed to manage construction process, particularly collaborating with numerous stakeholders.

The Construction Management course will help you:

- Gain a broad foundation in technical knowledge and managerial skills for a rewarding career in construction management.
- Acquire knowledge in finance, contracts and other areas critical to delivering large-scale projects.
- Understand the major issues involved with collaborating and managing multiple stakeholders and applying academic knowledge to inform objective decision-making
- Learn how information technology can increase productivity and communicate results obtained through analysis, design and management of all resources
- Develop interpersonal skills, enhancing the ability to manage large and small teams and collaborate effectively with a wide range of stakeholders.

The Programme also aims to provide students with a foundation for further professional development and extension of their knowledge in preparation for further academic study at level 8.

LEARNING OUTCOMES

A. KNOWLEDGE AND UNDERSTANDING LEARNING OUTCOMES

By the end of the Programme students should be able to demonstrate knowledge and understanding of:

- Comprehension of the wider business context and the integration of the role of construction management within it
- A critical awareness and systematic understanding of issues in the construction management sector as informed by research and practice
- Selection and evaluation of the theories and techniques appropriate to construction management

TEACHING/LEARNING METHODS AND STRATEGIES

Module delivery follows a standard format incorporating a range of subject appropriate resources suitable for the online distance learner. This may include, but is not limited to, video visual presentations, interactive case studies and online journals. Modules will be supported by a core e- book.

In the Postgraduate Research Project module, self-directed learning and problem solving combined with supervisor consultation further enhances knowledge and understanding, focusing on students' own chosen research topics.

Throughout the programme, students are encouraged to undertake independent study and enquiry to broaden their knowledge and understanding of the subject.

TEACHING/LEARNING METHODS AND STRATEGIES

Formative assessment opportunities and feedback are provided throughout the programme. These vary in format and may include self-assessment assignments and tutor guided discussion. All are designed to motivate and support the student.

Summative assessment methods and formats vary across the modules and are appropriate to the module and its stated learning outcomes.

B. COGNITIVE SKILLS LEARNING OUTCOMES

By the end of the Programme students should be able to demonstrate how to:

- Synthesis of a range of information and solve complex problems involving the creative application of construction management knowledge together with further research and enquiry
- Evaluate the rigor and validity of published research and its relevance to construction management issues

TEACHING/LEARNING METHODS AND STRATEGIES

Students are encouraged to develop and apply their knowledge and understanding through a range of online activities and exercises. These require students to apply research and analysis to construction and project management issues.

ASSESSMENT METHODS

Intellectual skills are assessed through a range of coursework artifacts, examinations and a research project report.

C. PRACTICAL AND PROFESSIONAL SKILLS LEARNING OUTCOMES

By the end of the Programme students should be able to demonstrate how to:

- Acquire, analyze and evaluate data and judge its relevance and validity to a range of construction management situations
- Conduct research into construction management situations using appropriate methodologies to develop and interpret knowledge in the field of construction management

TEACHING/LEARNING METHODS AND STRATEGIES

Students are encouraged to share knowledge and ideas in relation to construction management. A range of online activities require students to analyze given information and make reasoned decisions.

ASSESSMENT METHODS

A range of formative assessment activities are utilized to help develop the ability to analyze problems and provide reasoned advice.

Summative assessment tests that the students have formulated appropriate strategies for construction and project management

D. KEY TRANSFERABLE SKILLS LEARNING OUTCOMES

By the end of the Programme students should be able to demonstrate how to:

- Communicate complex academic and professional ideas and concepts in written, graphical and oral formats as appropriate. Convey information clearly and succinctly to specialist and non-specialist audiences.
- Work effectively in a group, either as a leader or a group member. Use interpersonal skills to negotiate and prioritize group tasks, making optimum use of the capacities of group members. Deal confidently with tensions and conflict.
- Ts3 Make use of a wide range of information sources and learning resources, including traditional library resources, web-based resources, software, electronic media and audio-visual resources. Manage the retrieval and organization of information efficiently and effectively
- Take full responsibility for their own learning as independent and self-critical learners. Reflect on their academic and professional practice and demonstrate commitment to personal and professional development and the concept of lifelong learning



PROGRAMME STRUCTURE

Module Code	Module	Core / Elective	
CM - 601	Introduction to construction management	Core	20
CM - 602	Fundamentals of Construction management	Core	20
CM - 603	Construction project management framework	Elective	20
CM - 604	Project Construction Equipment	Elective	20
CM - 605	Risk management at construction site	Core	20
CM - 606	Construction contract pros and cons	Elective	20
CM - 607	Preparing Bid Documents	Core	20
CM - 608	The Construction Contract	Core	20
CM - 609	Organizing for the construction process	Core	20
CM - 610	Change orders	Elective	20
CM - 611	Disputes and Claims	Elective	20
CM - 612	Supply Chain Management in Construction	Elective	20
CM - 613	Progress Payment	Elective	20
CM - 614	Pre Project Phase	Core	20
CM - 615	Planning and Design Phase	Core	20
CM - 616	Contractor selection phase	Core	20
CM - 617	Project Mobilization phase	Core	20
CM - 618	Project Operation phase	Core	20
CM - 619	Project Closeout and termination phase	Core	20

DISTINCTIVE FEATURES OF THE PROGRAMME

- The Induction Module.
- The flexibility to choose the start date.
- Syllabus maps fully to the Global Academy Qualifications Framework.
- The flexibility for students to choose the pace of their study.
- The ability to interact with students from different Programmes and in varied geographical locations locally and internationally via the myglobal.
- International professional, personal and academic networking opportunities.
- The programme and its syllabus is internationally recognized.
- Availability of interim awards either Graduate Certificate or Graduate Diploma.
- Availability of Designation Qualifications in Construction Management.

PROGRAMME CURRICULUM MAP

Module Code	Graduate Certificate	Graduate Diploma	Certified Construction Professional	Certified Construction Manager	Certified Construction Director
Introduction to construction management	✓	✓	✓	✓	✓
Fundamentals of Construction management	✗	✗	✗	✓	✓
Construction project management framework	✓	✓	✗	✓	✓
Project Construction Equipment	✗	✗	✓	✓	✓
Risk management at construction site	✗	✓	✓	✓	✓
Construction contract pros and cons	✗	✓	✗	✓	✓
Preparing Bid Documents	✗	✗	✓	✓	✓
The Construction Contract	✗	✓	✗	✓	✓
Organizing for the construction process	✓	✓	✓	✓	✓
Change orders	✓	✓	✓	✓	✓
Disputes and Claims	✗	✓	✓	✓	✓
Supply Chain Management in Construction	✗	✗	✓	✓	✓
Progress Payment	✓	✓	✓	✓	✓
Pre Project Phase	✓	✓	✓	✓	✓
Planning and Design Phase	✓	✓	✓	✓	✓
Contractor selection phase		✓	✓	✓	✓
Project Mobilization phase	✓	✓	✓	✓	✓
Project Operation phase	✓	✓	✓	✓	✓
Project Closeout and termination phase	✓	✓	✓	✓	✓
Assignments	✓	✓	✓	✓	✓
Project Report - 100 Points	✗	✗	✓	✓	✓
Credit Points	200	300	400	480	480

ASSESSMENT PATTERN

The GABM global academy consists of variety of assessment modes.

Assessed assignments (in essay , report, problem, case studies or short question format)

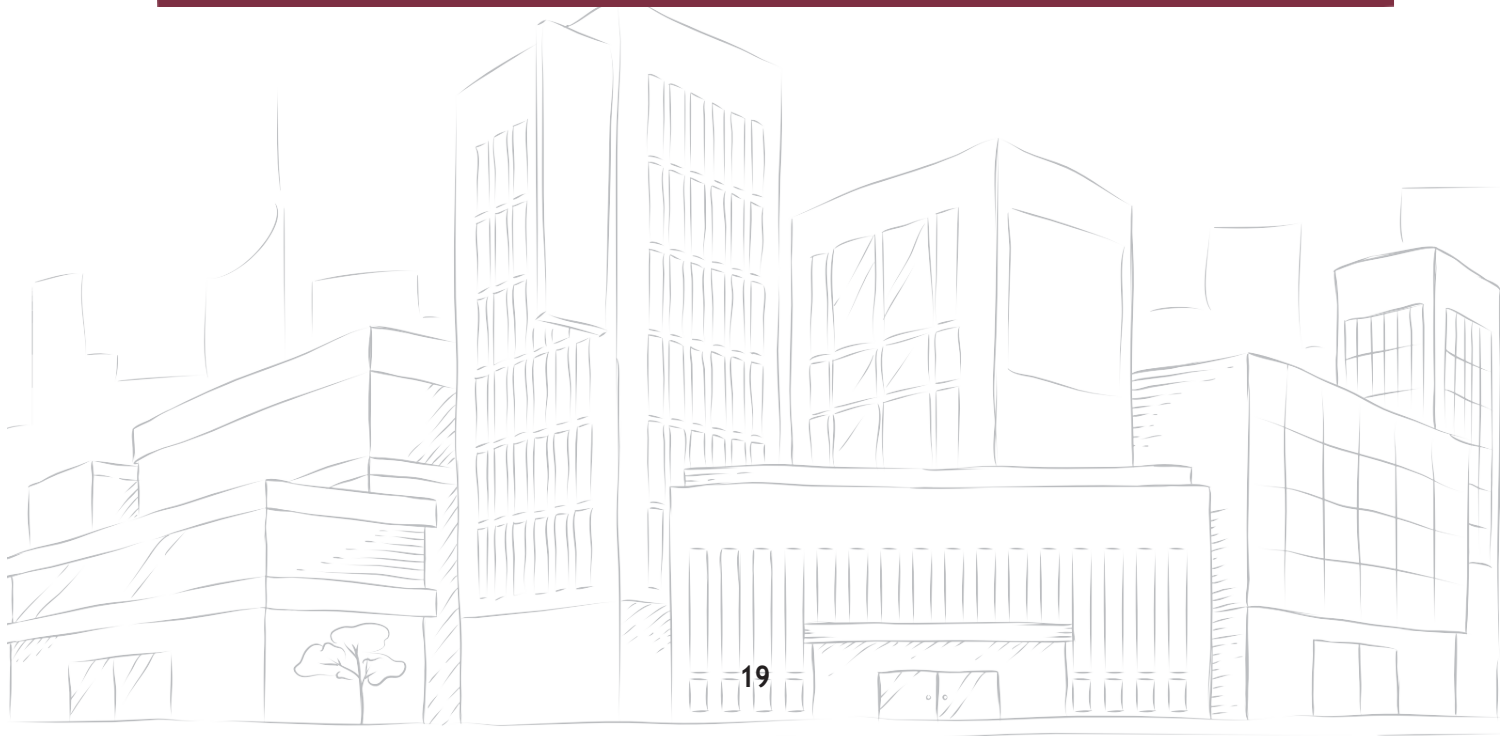
Written examination papers.

Project report submission.

The exact combination of assessment vary from programme to programme and from module to module.

Graduate certificate in construction management	1 Assignment	200
Graduate Diploma in construction management	2 Assignments	300
Certified Construction Professional (CCP)	3 Assignments	400
Certified Construction Manager (CCM)	3 assignments with project report	480
Certified Construction Director (CCD)	3 assignments with project report	480

Note: Assignments and patterns are subject to change without notice; candidates are required to contact office of executive education and professional certification of the academy for respective programme before start of the course.



MODULE DESCRIPTIONS

Module Code	CM -601
Module Title	Introduction to construction management
Credit Value	20
Pre-requisites	None
Co-requisites	None
Prohibited combinations	None
Telephone	080 - 26591957
Email	studentsupport@myglobalacademy.org

MODULE DESCRIPTION

This module is an introduction to construction management. The main objective of this module is,

- Provide the fundamentals of how construction projects are developed, organized and executed.
- Provide the basics of construction projects goals and objectives.

MODULE LEARNING OUTCOMES

- Describe project management and construction management
- Explain the roadmap of construction management
- Identify project goals and objectives.
- Detail the project delivery system.
- Develop terms of reference.
- Evaluate the qualifications of construction manager.

MODULE SYLLABUS

a.	Introduction
b.	Project management and construction management
c.	Roadmap for construction management
d.	Project Goals and objectives
e.	Select project delivery system
f.	Construction management delivery system
g.	Establish terms of reference
h.	Qualifications of construction manager

MODULE DESCRIPTIONS

Module Code	CM -602
Module Title	Fundamentals of Construction management
Credit Value	20
Pre-requisites	None
Co-requisites	None
Prohibited combinations	None
Telephone	080 - 26591957
Email	studentsupport@myglobalacademy.org

MODULE DESCRIPTION

This module is an introduction to Fundamentals of Construction management. The main objective of this module is,

- Provide the fundamentals and characteristics of construction industry.
- Provide the overview of construction project life cycle.

MODULE LEARNING OUTCOMES

- Describe the construction industry segments and identify general building construction.
- Explain construction industry segments.
- Detail the overview of construction project life cycle.

MODULE SYLLABUS

a.	Construction industry segments
b.	General building construction
c.	Engineered construction
d.	Construction industry characteristics
e.	Overview of construction project life cycle
f.	Pre project phase
g.	Planning and design phase
h.	Contractor selection phase
i.	Project Mobilization phase
j.	Project operation phase
k.	Project closeout and termination phase

MODULE DESCRIPTIONS

Module Code	CM -603
Module Title	Construction project management framework
Credit Value	20
Pre-requisites	None
Co-requisites	None
Prohibited combinations	None
Telephone	080 - 26591957
Email	studentsupport@myglobalacademy.org

MODULE DESCRIPTION

This module is an introduction to construction project management framework. The main objective of this module is,

- Provide the concepts and features of construction project and its characteristics.
- Provide the basics of construction project development, its phases and processes.

MODULE LEARNING OUTCOMES

- Explain the construction landmarks and scope.
- Describe project concepts and features.
- Evaluate construction project characteristics.
- Identify construction project development phases and process and its practice.
- Develop construction project management organization.
- Explain the roles and functions of construction project manager.
- Define main causes of project failure.
- Evaluate importance of integrated planning, scheduling and controlling of construction projects.

MODULE SYLLABUS

a.	Construction landmarks
b.	Construction scope
c.	Project concepts and features
d.	Construction project characteristics
e.	Construction project development :phases and processes
f.	Construction project management practice
g.	Construction project management organization
h.	Role and functions of construction project manager
i.	Main causes of project failure
j.	Importance of integrated planning, scheduling and controlling of construction projects.

MODULE DESCRIPTIONS

Module Code	CM -604
Module Title	Project Construction Equipment
Credit Value	20
Pre-requisites	None
Co-requisites	None
Prohibited combinations	None
Telephone	080 - 26591957
Email	studentsupport@myglobalacademy.org

MODULE DESCRIPTION

This module is an introduction to Risk management at construction site. The main objective of this module is,

- Provide the fundamentals of construction project equipment its classification and its handling.

MODULE LEARNING OUTCOMES

- Explain the construction landmarks and scope.
- Describe project concepts and features.
- Evaluate construction project characteristics.
- Identify construction project development phases and process and its practice.
- Develop construction project management organization.
- Explain the roles and functions of construction project manager.
- Define main causes of project failure.
- Evaluate importance of integrated planning, scheduling and controlling of construction projects.

MODULE SYLLABUS

a.	Construction landmarks
b.	Construction scope
c.	Project concepts and features
d.	Construction project characteristics
e.	Construction project development :phases and processes
f.	Construction project management practice
g.	Construction project management organization
h.	Role and functions of construction project manager
i.	Main causes of project failure
j.	Importance of integrated planning, scheduling and controlling of construction projects.

MODULE DESCRIPTIONS

Module Code	CM -605
Module Title	Risk management at construction site
Credit Value	20
Pre-requisites	None
Co-requisites	None
Prohibited combinations	None
Telephone	080 - 26591957
Email	studentsupport@myglobalacademy.org

MODULE DESCRIPTION

This module is an introduction to Project Construction Equipment. The main objective of this module is,

- Provide risk management strategy at construction site and develop a plan to control risk.
- Provide risk mitigation and allocation plans to manager risks and benefits of managing risk.

MODULE LEARNING OUTCOMES

- Define risk.
- Develop project risk management strategy.
- Develop risk identification and assessment approach.
- Identify risk mitigation and allocation.
- Develop project risk response plan and control methodology.
- Describe MNC's operation risk.
- Perform internal audit guidelines. Explain human side of risk management.
- Explain role of project manager in managing risk.
- Evaluate benefits of managing risk.

MODULE SYLLABUS

a.	Risk definition
b.	Project risk management strategy development
c.	Risk identification
d.	Risk assessment approach
e.	Risk quantitative assessment
f.	Risk mitigation and allocation
g.	Project risk response plan development and control methodology
h.	Multinational corporation (MNC) operations risk
i.	Performance internal audit guidelines
j.	The human side of risk management
k.	Role of project manager in managing risk
L.	The benefits of managing risk.

MODULE DESCRIPTIONS

Module Code	CM -606
Module Title	Construction contract pros and cons
Credit Value	20
Pre-requisites	None
Co-requisites	None
Prohibited combinations	None
Telephone	080 - 26591957
Email	studentsupport@myglobalacademy.org

MODULE DESCRIPTION

This module is an introduction to Construction contract pros and cons
The main objective of this module is,

- Provide fundamental of types of contracts in construction industry its benefits and its drawbacks.
- Provide general conditions to the contracts for construction.

MODULE LEARNING OUTCOMES

- Define letter of intent
- Explain types of contracts.
- Describe value engineering.
- Evaluate the process of construction contracts.
- Define general conditions to the contract for construction.

MODULE SYLLABUS

a.	The letter of intent
b.	Types of construction contracts
c.	Stipulated or lump sum contract
d.	Value engineering
e.	Cost of the work plus a fee contract
f.	Cost plus fee with a guaranteed maximum price contract
g.	Construction management contract
h.	Design build contract
i.	The general conditions to the contract for construction
j.	The AIA general conditions document

MODULE DESCRIPTIONS

Module Code	CM -607
Module Title	Preparing Bid Documents
Credit Value	20
Pre-requisites	None
Co-requisites	None
Prohibited combinations	None
Telephone	080 - 26591957
Email	studentsupport@myglobalacademy.org

MODULE DESCRIPTION

This module is an introduction to Preparing Bid Documents of construction projects. The main objective of this module is,

- Provide fundamental contractor qualification processes
- Provide fundamentals of safety and quality issues in construction projects including invitation to bid, insurance, bonds, general conditions of bid, evaluating the bid and contractor section.

MODULE LEARNING OUTCOMES

- Define contractor qualification process.
- Evaluate safety and quality issues in construction projects.
- Define invitation to bid.
- Differentiate about insurance and bonds.
- Define owner and contractor controlled insurance programmes.
- Describe construction surety bonds and sub guard.
- Define letter of credit in construction projects.
- Define general conditions of construction project.
- Evaluate the bid documents.
- Explain contractor selection methods.

MODULE SYLLABUS

a.	The contractor qualification processes
b.	Safety and quality issues
c.	References
d.	The invitation to bid
e.	Insurance and bonds
f.	Owner and contractor - controlled insurance programs
g.	Construction surety bonds
h.	Sub guard
l.	Letter of credit
j.	General conditions
k.	Evaluation of the bid
L.	Contractor selection.

MODULE DESCRIPTIONS

Module Code	CM -608
Module Title	The Construction Contract
Credit Value	20
Pre-requisites	None
Co-requisites	None
Prohibited combinations	None
Telephone	080 - 26591957
Email	studentsupport@myglobalacademy.org

MODULE DESCRIPTION

This module is an introduction to the construction contracts.

The main objective of this module is,

- Provide fundamentals about all costs incurred in any construction project contract and documenting the general conditions of the contracts.
- Provide the basics of change order in a construction contract including overheads and profits.

MODULE LEARNING OUTCOMES

- Define schedule of values exhibit in construction contract.
- Describe unit prices and guaranteed maximum price contract.
- Explain limiting an owner's exposure to final plan development costs.
- Evaluate documenting general conditions costs.
- Explain change order processes.
- Describe controlling overheads and profits in construction contracts.
- Define liquidated damages in construction contracts.

MODULE SYLLABUS

a.	Introduction
b.	Schedule of values exhibit
c.	Exhibits Alternate exhibits
d.	Allowance exhibits
e.	Unit prices
f.	Guaranteed maximum price (GMP) contract
g.	Limiting an owner's exposure to final plan development costs
h.	Documenting general conditions costs
i.	Change orders
j.	Controlling overhead and profits
k.	Including a "definitions" selection in the contract
L.	Liquidated damages
m.	Additional contract provisions

MODULE DESCRIPTIONS

Module Code	CM -609
Module Title	Organizing for the construction process
Credit Value	20
Pre-requisites	None
Co-requisites	None
Prohibited combinations	None
Telephone	080 - 26591957
Email	studentsupport@myglobalacademy.org

MODULE DESCRIPTION

This module is an introduction to the organizing for the construction process in construction projects. The main objective of this module is,

- Provide the fundamentals of architectural form, project meeting and shop drawings in construction.
- Provide the basics of material and equipment substitutions.
- Provide basics of submittal log, pace of construction and contracts application for payment.
- Define offsite material and equipment storage including project closeout.

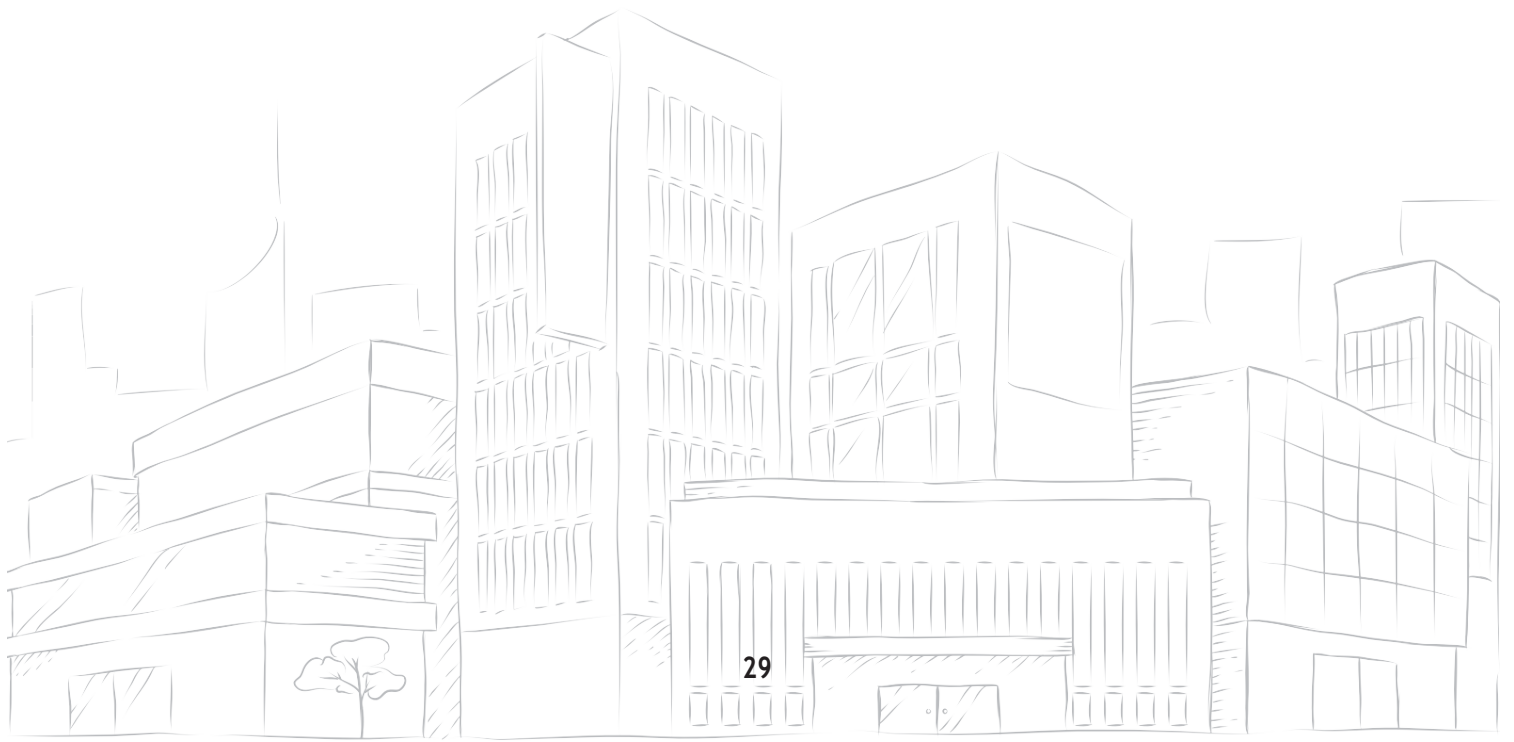
MODULE LEARNING OUTCOMES

- Define architectural form.
- Evaluate importance of project meeting.
- Define importance of shop drawing.
- Differentiate material and equipment's.
- Define the importance of owner's role.
- Evaluate architects supplemental instruction and field instruction.
- Define submittal log and pace of construction.
- Identify contractor application for payment.
- Explain project closeout.
- Define offsite material and equipment storage.

MODULE SYLLABUS

a.	Introduction
b.	Architectural forms
c.	The project meeting
d.	Shop drawings
e.	Material and equipment substitutions
f.	Value engineering
g.	Project schedule
h.	Importance of the owners role

l.	Requests for information
j.	Architects supplemental instruction and field instructions.
k.	The submittal log
L.	Pace of construction
m.	Contracts application for payment
n.	Offsite material and equipment storage
o.	Project closeout



MODULE DESCRIPTIONS

Module Code	CM -610
Module Title	Change orders
Credit Value	20
Pre-requisites	None
Co-requisites	None
Prohibited combinations	None
Telephone	080 - 26591957
Email	studentsupport@myglobalacademy.org

MODULE DESCRIPTION

This module is an introduction to the change orders. The main objective of this module is,

- Provide the fundamentals of how change orders in projects are developed, organized, managed and executed.
- Provide the basics of change order work and review procedures of change order.

MODULE LEARNING OUTCOMES

- Evaluate change order provisions in general conditions document.
- Identify review procedures for change orders.
- Describe cost issues in implementing change orders.
- Explain change order and scheduling.
- Explain float and schedule.
- Define quantum merit and unjust enrichment.

MODULE SYLLABUS

a.	Introduction
b.	Change order provisions in general conditions document
c.	Review procedures for change orders
d.	Documentation of change order work Cost issues
e.	Changes in scope of work
f.	Change order and scheduling Float and the schedule
g.	Quantum merit and unjust enrichment

MODULE DESCRIPTIONS

Module Code	CM -611
Module Title	Disputes and Claims
Credit Value	20
Pre-requisites	None
Co-requisites	None
Prohibited combinations	None
Telephone	080 - 26591957
Email	studentsupport@myglobalacademy.org

MODULE DESCRIPTION

This module is an introduction to the Disputes and Claims

The main objective of this module is,

- Provide the fundamentals of documentation in bidding process, and principle causes of disputes and claims in construction contracts.
- Provide the basics of plans and specification containing errors and omissions in construction contract.

MODULE LEARNING OUTCOMES

- Define documentation in bidding process.
- Evaluate principle cause of disputes and claims.
- Describe contract issues.
- Describe plans and specification containing errors and omissions.
- Evaluate result of inadequate administration of the project.
- Evaluate result of unwillingness to comply with the intent of the drawings.
- Explain legal precedents relating to construction claims.
- Identify contractor's guarantee of design.
- Evaluate delays and problems they cause.

MODULE SYLLABUS

a.	Documentation in the bidding process
b.	Documentation during construction
c.	Principle causes of disputes and claims
d.	Contract issues
e.	Plans and specification containing errors and omissions
f.	Lack of proper drawing coordination
g.	Incomplete or inaccurate responses
h.	Inadequate administration of the project
i.	Unwillingness to comply with the intent of the drawings
j.	Site conditions that differ materially from the contract documents

k.	Unforeseen subsurface conditions
L.	A change in conditions
m.	Discrepancies in the plans and / or specifications
n.	Disruptions to the normal pace of construction
o.	Inadequate financial strength of any party
p.	Delays and the problems they cause
q.	Legal precedents relating to construction claims
r.	Contractors guarantee of design
s.	Generic guidelines for coordination drawing.



MODULE DESCRIPTIONS

Module Code	CM -612
Module Title	Supply Chain Management in Construction
Credit Value	20
Pre-requisites	None
Co-requisites	None
Prohibited combinations	None
Telephone	080 - 26591957
Email	studentsupport@myglobalacademy.org

MODULE DESCRIPTION

This module is an introduction to the Supply Chain Management in Construction. The main objective of this module is,

- Provide the fundamentals of how supply chain management in construction is executed.
- Provide basics of procurement and management of subcontractors.

MODULE LEARNING OUTCOMES

- Define principles of supply chain management.
- Evaluate pros and cons of subcontracting in construction industry.
- Describe procurement and management of subcontractors.
- Define purchase of materials and equipment's.
- Describe how to coordinate between suppliers and subcontractors.
- Describe lean construction.

MODULE SYLLABUS

a.	Introduction to supply chain management
b.	The construction supply chain
c.	Pros and cons of subcontracting in the construction industry
d.	Procurement and management of subcontractors
e.	Purchase of materials and equipment's
f.	Coordination of suppliers and subcontractors
g.	Lean construction



MODULE DESCRIPTIONS

Module Code	CM -613
Module Title	Progress payment
Credit Value	20
Pre-requisites	None
Co-requisites	None
Prohibited combinations	None
Telephone	080 - 26591957
Email	studentsupport@myglobalacademy.org

MODULE DESCRIPTION

This module is an introduction to the progress payment. The main objective of this module is,

- Provide the fundamentals of progress payment in projects including payments in all types of contracts and procedures of progress payment.

MODULE LEARNING OUTCOMES

- Define progress payment.
- Define types of contracts.
- Describe progress payment procedures.

MODULE SYLLABUS

a.	Introduction to progress payment
b.	Lump sum contract
c.	Unit price contract
d.	Cost plus contract
e.	Incentive contract
f.	Percentage of construction fee contract
g.	Progress payment procedures

MODULE DESCRIPTIONS

Module Code	CM -614
Module Title	Pre Project Phase
Credit Value	20
Pre-requisites	None
Co-requisites	None
Prohibited combinations	None
Telephone	080 - 26591957
Email	studentsupport@myglobalacademy.org

MODULE DESCRIPTION

This module is an introduction to the pre project phase in construction management. The main objective of this module is,

- Provide fundamental concept of pre project phase from design to build stages.
- Define role of construction manager and project manager.
- Provide basics of types of contracts and how it is managed and organized and executed.

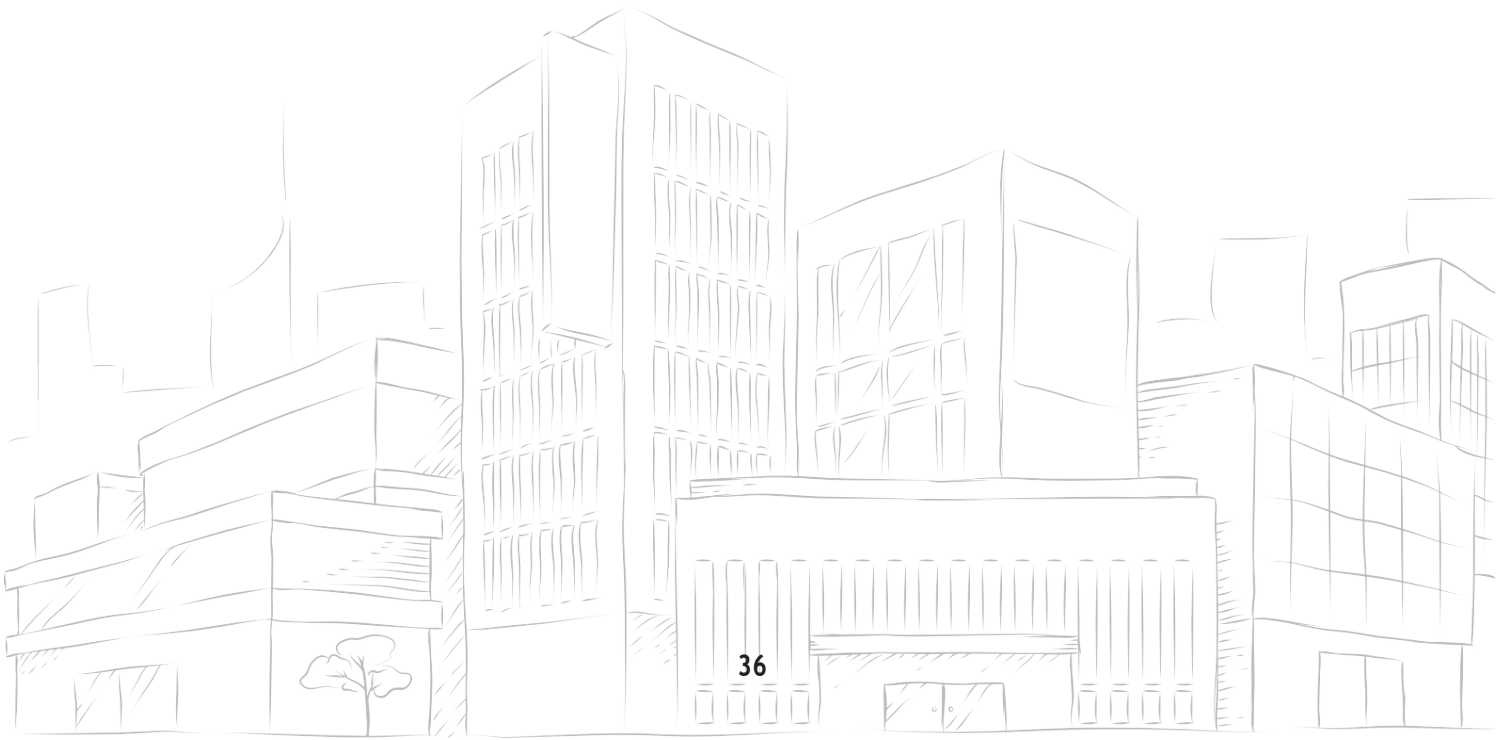
MODULE LEARNING OUTCOMES

- Define project delivery system.
- Describe role of construction manager.
- Describe role of project manager.
- Identify different types of contracts.
- Define selecting a type of contract.

MODULE SYLLABUS

a.	Introduction
b.	Selection of project delivery system
c.	Traditional design - tender - build
d.	Design build
e.	Construction manager
f.	Project manager
g.	Document and construct
h.	Separate prime contracts
i.	Turnkey
j.	Build -own- operate -transfer
k.	Joint venture
L.	Force account
m.	Phased construction
n.	Evaluation and comparison of project delivery system
o.	Selection of type of contract

p	Lump sum / fixed price
q	Unit price / measure and value
r	Cost plus
s	Variations of basic cost plus
t	Time and materials



MODULE DESCRIPTIONS

Module Code	CM -615
Module Title	Planning and design phase
Credit Value	20
Pre-requisites	None
Co-requisites	None
Prohibited combinations	None
Telephone	080 - 26591957
Email	studentsupport@myglobalacademy.org

MODULE DESCRIPTION

This module is an introduction to the planning and design phase in construction projects. The main objective of this module is,

- Provide the fundamentals of planning and design phase in construction projects, how it is developed, managed and implemented.
- Provide basics of different stages in planning and design.

MODULE LEARNING OUTCOMES

- Define different parties and their role involved in design and planning stage of construction project.
- Evaluate planning and feasibility study stage.
- Define design stage.
- Evaluate contract document development stage.
- Summarize the planning and design stages.

MODULE SYLLABUS

a.	Introduction
b.	The parties and their roles
c.	Planning and feasibility study stage
d.	Design stage
e.	Contract document development stage
f.	Summary of planning and design

MODULE DESCRIPTIONS

Module Code	CM -616
Module Title	Contractor selection phase
Credit Value	20
Pre-requisites	None
Co-requisites	None
Prohibited combinations	None
Telephone	080 - 26591957
Email	studentsupport@myglobalacademy.org

MODULE DESCRIPTION

This module is an introduction to the contractor selection phase in construction projects. The main objective of this module is,

- Provide the fundamentals of how contractor is selected in the construction project, its methods and its decision about selection.
- Provide the basics of proposal submittal and opening process of submittal for contractor selection.

MODULE LEARNING OUTCOMES

- Define methods of contractor selection.
- Evaluate contractor tender decision.
- Define preliminary job planning.
- Define cost estimating.
- Describe how to select a successful contractor through bidding process.
- Define subcontractor qualification and criteria.
- Describe notice to process and contract agreement.

MODULE SYLLABUS

a.	Introduction
b.	Methods of contractor selection
c.	The contractors tender decision
d.	Preliminary job planning
e.	Cost estimating
f.	Proposal, preparation, submittal and opening
g.	Turning the estimate into a tender
h.	Submittal and opening process
i.	Selecting the successful contractor
j.	Criteria
k.	Qualifications
L.	Notice to proceed and contract agreement

MODULE DESCRIPTIONS

Module Code	CM -617
Module Title	Project mobilization phase
Credit Value	20
Pre-requisites	None
Co-requisites	None
Prohibited combinations	None
Telephone	080 - 26591957
Email	studentsupport@myglobalacademy.org

MODULE DESCRIPTION

This module is an introduction to the mobilization phase in construction projects.

The main objective of this module is,

- Provide the fundamentals of how mobilization phase is developed, organized and executed in construction project.
- Provide the basics of legal and contractual issues during project mobilization phase.

MODULE LEARNING OUTCOMES

- Define legal and contractual issues.
- Define programming, planning and scheduling.
- Define budgeting and cost system.
- Describe organizing the work site.
- Define material procurement.
- Define subcontracting.
- Describe worksite organization structure.
- Define union labor.
- Define special consideration in mobilizing for some projects.

MODULE SYLLABUS

a.	Introduction
b.	Legal and contractual issues
c.	Programming, planning and scheduling
d.	Budgeting and cost systems
e.	Organizing the work site
f.	Buying out the job
g.	Material procurement
h.	Subcontracting
i.	Project staffing
j.	Worksite organization structure
k.	Union labor
L.	One shop and merit shop nonunion contracting
m.	Special consideration in mobilizing for some projects

MODULE DESCRIPTIONS

Module Code	CM -618
Module Title	Project operation phase
Credit Value	20
Pre-requisites	None
Co-requisites	None
Prohibited combinations	None
Telephone	080 - 26591957
Email	studentsupport@myglobalacademy.org

MODULE DESCRIPTION

This module is an introduction to the operation phase in construction projects.

The main objective of this module is,

- Provide the fundamentals of operation phase in construction projects including monitoring, controlling and how the phase is developed and executed.
- Provide the basics of cost control and other aspects of financial control.
- Provide the basics of quality, safety, resource and material management in operation phase.

MODULE LEARNING OUTCOMES

- Describe monitoring and control.
- Define schedule updating and cost control.
- Describe cost related issues in operation phase.
- Define quality management.
- Define safety management.
- Describe environmental management.
- Define resource management.
- Describe documentation and communication in operation phase of construction.

MODULE SYLLABUS

a.	Introduction
b.	Monitoring and control
c.	Schedule updating
d.	Cost control
e.	Data sources
f.	Cost reports
g.	Quantity section
h.	Cost section
i.	Unit cost section
j.	Other aspects of financial control
k.	Quality management
L.	Safety management
m.	Environmental management

n.	Resource management
o.	Personnel supervision
p.	Labor productivity
q.	Materials management
r.	Documentation and communication
s.	Electronically enhanced project communications



MODULE DESCRIPTIONS

Module Code	CM -619
Module Title	Project closeout and termination phase
Credit Value	20
Pre-requisites	None
Co-requisites	None
Prohibited combinations	None
Telephone	080 - 26591957
Email	studentsupport@myglobalacademy.org

MODULE DESCRIPTION

This module is an introduction to the project closeout and termination phase in construction projects. .

The main objective of this module is,

- Provide the fundamentals of closeout and termination phase in construction project and how it is implemented.
- Provide the basics of completing the work and proceeding with payments and closure procedures in final phase of construction projects.

MODULE LEARNING OUTCOMES

- Describe how to complete the work.
- Describe closing out the project.
- Define subcontractor payment.
- Describe how final quantities are measured.
- Define all aspects of final payment.
- Describe financial accounting and cost control completion.
- Define warranties, guaranties, and safety liability period.
- Define closing comment of the project.

MODULE SYLLABUS

a.	Introduction
b.	Completing the work
c.	Closing out the project
d.	Subcontractor payment
e.	Final release or waiver of liens
f.	Consent of surety
g.	Final quantities
h.	Requests for final payment
i.	Liquidated damages
j.	Final payment and release of retinage
k.	Final accounting and cost control completion
L.	Certificates

m.	As - built drawings
n.	Operating and maintenance manuals
o.	Record archiving and transfer
p.	Training sessions
q.	Warranties, guarantees, and safety liability period
r.	Post project analysis, critique and report
s.	Owner feedback
t.	A closing comment





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