



Course Booklet 2012

THE IGCSE PROGRAMME
Grades VIII to X



UNIVERSITY of CAMBRIDGE
International Examinations

INTERNATIONAL GENERAL CERTIFICATE OF SECONDARY
EDUCATION

International education,
the Chempaka Way

International Centre Status Awarded by



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INTERNATIONAL GENERAL CERTIFICATE OF SECONDARY EDUCATION

The IGCSE is a comprehensive programme for Grades IX and X offered by the University of Cambridge International Examinations [CIE]. It is a balanced mix of practical experience and theoretical knowledge, and is a universally recognised qualification, worldwide. Educational skills developed in this course go beyond knowledge and understanding, to the application level. The curriculum develops in line with changing needs, and is regularly updated and extended.

At LCI, we begin the programme in Grade VIII to give our students an additional year to settle in to the course.

AIMS

1. To encourage international understanding and support modern curriculum development
2. To set standards that are recognised worldwide by encouraging innovative modes of teaching
3. To enable students to become confident and well-informed in a modern, technological world

MODE OF ASSESSMENT

• By CIE:

Cambridge IGCSE examination sessions occur twice a year, in May/June and October/November. Results are issued in August and January. Each learner's performance is benchmarked using eight internationally recognised grades. There are clear guidelines which explain the standard of achievement for different grades.

• At LCI:

Our students will appear for the exams in

the May/June session of 2014 (first batch), and 2015 (second batch) respectively.

In school, students are assessed on a periodic basis through monthly tests, and the term exams conducted at the end of each of the three school terms.

The month of March will be devoted solely to revision and the annual school examinations. For continual assessment, daily activity-based class sessions in school are always concluded with a question session. Field trips result in reports and Workshops in projects.

Most of the syllabus in each of the subjects will be completed by Grade IX, to allow for a thorough recap and Model Examinations in Grade X, to prepare the students well for the board examinations.

COURSE SCHEDULE AND DURATION

• First Batch:

Grade VIII: June 2011 - March 2012,

Grade IX: June 2012 - March 2013,

Grade X: June 2013 -

Board Examinations:

May/June 2014

• Second Batch:

Grade VIII: June 2012 - March 2013,

Grade IX: June 2013 - March 2014,

Grade X: June 2014 -

Board Examinations:

May/June 2015

SUBJECTS

We have identified 12 subjects to give our students a broad base in Grade VIII. These subjects are carefully selected for the all-round development of the student, to inculcate a life-long love and ability for

learning. Though our students are encouraged to appear for as many subjects as they can in the board exams, one of the advantages of the IGCSE course is that students may opt out of subjects in which they have no aptitude/ interest, aiming for at least 7, as required for the Cambridge ICE Group Award.

List of 12 subjects currently offered in LCI:

Group I	Group II	Group III	Group IV	Group V
Languages	Humanities & Social Sciences	Sciences	Mathematics	Creative, Technical & Vocational
1. First Language English (Compulsory) 2. French (Compulsory)	3. English Literature 4. Geography 5. History	6. Physics 7. Chemistry 8. Biology	9. Mathematics (Compulsory)	10. Information & Communication Technology 11. Art & Design 12. Music

Group I [Languages] and IV [Mathematics] are compulsory. Students may do all, or opt for AT LEAST ONE subject each from Groups II [Humanities and Social Sciences], III [Sciences] and V [Creative, Technical and Vocational], aiming for a minimum of NINE subjects.

Our students do all TWELVE subjects in Grade 8 so that they have a wide base and can make an informed choice when they come to Grade 9 and start focusing on exam preparation. Along with the sports hour, this also takes care of their all-round co-curricular activities, and gives them excellent exposure.

The International Certificate of Education [ICE] is a group award, equivalent to the ICSE / CBSE certificates, awarded to students who take up at least seven subjects in IGCSE in the prescribed range of subjects [Groups I to V as tabulated above]. The certificate is awarded to students in three different categories: Distinction, Merit and Pass.

SUBJECT DESCRIPTIONS

1. FIRST LANGUAGE ENGLISH – 0500

In the First Language English

[Extended] Course, students work on writing descriptive, discursive, argumentative and narrative essays. Directed writing based on passages includes report writing, letter writing, dialogue writing, interviews, speeches, brochures, magazine articles, diary entries and summary writing. In addition to this, students also analyze the language of writers.

Assessment: The students take two papers: Paper 2, Reading Passages, in which the students are assessed on three tasks – directed writing, analysis of how writers achieve effects, and summary writing, and

Paper 3, in which the students are assessed on two tasks – Directed writing and Composition.

2. ENGLISH LITERATURE – 0486

This course encourages students to appreciate literature and to communicate a sensitive response to literary texts. The genres studied are drama, prose and poetry.

Assessment Objectives (AOs):

Candidates are assessed on their ability to: AO1: Show detailed knowledge of the content of literary texts in the three main forms (Drama, Poetry, and Prose); AO2: Understand the meanings of literary texts and their contexts, and explore texts beyond surface meanings to show deeper awareness of ideas and attitudes; AO3: Recognise and appreciate ways in which writers use language, structure, and form to create and shape meanings and effects; AO4: Communicate a sensitive and informed personal response to literary texts.

Assessment: The students take two papers: Closed Books A: [Paper 4] and Closed Books B: [Paper 5]

Prescribed texts chosen for the June 2014 and 2015 Examinations are:

1. Drama: William Shakespeare Julius Caesar [2014 Examination], William Shakespeare The Tempest [2015 Examination]
2. Poetry: from Songs of Ourselves from Part 4 (Poems from the Nineteenth and Twentieth Centuries): Poems 110 to 123 inclusive, i.e. the following fourteen poems: Sujata Bhatt, 'A Different History', Gerard Manley Hopkins, 'Pied Beauty', Allen Curnow, 'Continuum', Edwin Muir, 'Horses', Judith Wright, 'Hunting Snake', Ted Hughes, 'Pike', Christina Rossetti, 'A Birthday', Dante Gabriel Rossetti, 'The Woodspurge', Kevin Halligan, 'The Cockroach', Margaret Atwood, 'The City Planners', Boey Kim Cheng, 'The Planners', Norman MacCaig, 'Summer Farm', Elizabeth Brewster, 'Where I Come From', William Wordsworth, 'Sonnet Composed Upon Westminster Bridge'.

3. Prose: from Stories of Ourselves The following ten stories: no. 6 Thomas Hardy, 'The Son's Veto', no. 12 Katherine Mansfield, 'Her First Ball', no. 14 V.S. Pritchett, 'The Fly in the Ointment', no. 15 P.G. Wodehouse, 'The Custody of the Pumpkin', no. 20 Graham Greene, 'The Destroyers', no. 27 R.K. Narayan, 'A Horse and Two Goats', no. 29 Ted Hughes, 'The Rain Horse', no. 38 Morris Lurie, 'My Greatest Ambition', no. 42 Ahdaf Soueif, 'Sandpiper', no. 46 Penelope Fitzgerald, 'At Hiruhamara'.

4. Paper 5 set text: Helen Dunmore The Siege

3. FOREIGN LANGUAGE FRENCH – 0685

Assessment: Extended curriculum, Paper 1 Listening, 45 minutes, Paper 2 Reading and Directed Writing, 1½ hours, Paper 3 Speaking, 15 minutes, Paper 4 Continuous Writing, 1¼ hours

Five topic areas are prescribed: Everyday activities, Personal and social life, The world around us, The world of work, The international world. Further details of curriculum content including grammar, vocabulary etc can be found in the 'Defined Content Booklet' on the CIE website.

4. MATHEMATICS – 0580

In Extended Mathematics, students cover topics like Algebra, Trigonometry, Mensuration, Transformations Vectors, Statistics and Probability. The knowledge gained gives students clarity of concepts and helps them to recognize the appropriate mathematical procedure for a given situation.

Students take two papers : Paper 2- Short answer questions for 70 Marks and Paper 4- Structured questions for 130 marks.

5. PHYSICS – 0625

The students take 3 papers: Paper 1: 45 minutes for Multiple Choice questions, Paper 3: 1h 15min extended written paper with structured and short answer questions, Paper 6: 1 hour Alternative to Practical written paper designed to test familiarity with laboratory based procedures

6. CHEMISTRY – 0620

The students take 3 papers: Paper 1: 45 minutes for Multiple Choice questions, Paper 3: 1h 15min extended written paper with structured and short answer questions, Paper 6: 1 hour Alternative to Practical written paper designed to test familiarity with laboratory based procedures

7. BIOLOGY – 0610

The students take 3 papers: Paper 1: 45 minutes for Multiple Choice questions, Paper 3: 1h 15min extended written paper with structured and short answer questions, Paper 6: 1 hour Alternative to Practical written paper designed to test familiarity with laboratory based procedures

8. HISTORY – 0470

Assessment Objectives: AO1: an ability to recall, select, organise and deploy knowledge of the syllabus content, AO2: an understanding of: _change and continuity, cause and consequence, similarity and difference, _ the motives, emotions, intentions and beliefs of people in the past, AO3: an ability to understand, interpret, evaluate and use a range of

sources as evidence, in their historical context.

Assessment: The students take 3 papers: Paper 1: 2 questions on 20th century history, 1 question on a Depth Study, Paper 2: A series of questions on a prescribed topic. Topic prescribed for May/June 2014 exam: 'How effectively did the USA contain the spread of Communism?', Paper 4: Candidates answer one question on a Depth Study. Chosen Depth Study: Germany, 1918–45

9. GEOGRAPHY – 0460

The curriculum is divided into three themes which have been designed to develop an understanding of both the natural and the human environment: 1 Population and settlement, 2 The natural environment, 3 Economic development and the use of resources

Assessment: Students take 3 papers: Paper 1: 1 h 45 min. Candidates answer any three questions out of six. There are two questions set on each of three themes. Questions are structured with gradients of difficulty and are resource-based, involving problem solving and free response writing; Paper 2: 1 h 30 min. Candidates answer all the questions. The paper is based on testing the interpretation and analysis of geographical information and on the application of graphical and other techniques as appropriate; Paper 4: 1h 30min Candidates answer two compulsory questions, completing a series of written tasks based on the three themes. The questions involve an appreciation of a range of techniques used in fieldwork studies.

10. INFORMATION & COMMUNICATION TECHNOLOGY – 0417

The Curriculum covers the following Units: Types and components of computer systems, Input and output devices, Storage devices and media, Computer networks, Data types, The effects of using ICT, The ways in which ICT is used, Systems analysis and design.

Practical tests cover: Communication, Document production, Data manipulation, Integration, Output data, Data analysis, Website authoring, Presentation authoring

Assessment: Paper 1: 2 hours, written paper, Paper 2: 2½ hours, Practical test, Paper 3: 2½ hours, Practical test

11. ART & DESIGN – 0400

Our students will be prepared for, and will take either OPTION B [Components 1 and 3] or OPTION D [Components 2 and 3]. Component 1: Observational/Interpretative Assignment, 8 hour practical examination assessed by Cambridge. Examination piece plus up to two sheets (four sides) of supporting studies (maximum size A2). Component 2: Design Assignment, 8 hour practical examination assessed by Cambridge. Examination piece plus up to two sheets (four sides) of supporting studies (maximum size A2). Component 3: Critical and Historical Assignment, Assessed by Cambridge; Free topic choice; Folder of 1500–2000 words with illustrative material (maximum size A2), to be submitted by 30 April for June exams.

Assessment Objectives: AO1 Gathering, recording, research and investigation, AO2 Exploration and

development of ideas, AO3 Organisation and relationships of visual and/or other forms, AO4 Selection and control of materials, media and processes, AO5 Personal vision and presentation

Timeline: Question papers will be uploaded for the Centre's use on 1 January for the June examination. Candidates must have at least eight weeks' preparation time. The last possible examination date is 30 April for June exams.

12. MUSIC - 0410

Assessment: Component 1: Listening, 1h 15 min, Component 2: Performing [Internal assessment], Component 3: Composing [Internal assessment]

Listening: This Component is based on CD recordings supplied by Cambridge. This Component is based on CD recordings supplied by Cambridge. The questions test understanding and perception of the music. In Sections A, B and C, candidates may be asked questions relating to rudiments, melody and rhythm, harmony [including recognition of chords, keys and cadences], ensembles, instruments and instrumental effects, structure, compositional devices, texture, style or genre, as appropriate to the music.

Section A: Unprepared Western Repertoire; Extracts from two works which may be instrumental and/or vocal selected from the Baroque, Classical and Romantic periods and the Twentieth Century. In addition to questions on the areas listed above, candidates may also be required to identify the period and suggest a possible composer.

Section B: Unprepared World Music; Extracts from two pieces of contrasting music selected from African and Arab, Latin American, Chinese, Indian, Indonesian and Japanese traditions. In addition to questions on the areas listed above, candidates will also be required to identify the possible continent/country of origin.

Section C: Skeleton Score; A single extract with skeleton score. In addition to questions on the areas listed above, candidates will be expected to undertake simple rhythmic and/or melodic dictation. They will also be required to identify the period of the music and/or to suggest the name of a likely composer.

Section D: World Music – Prescribed Focus; Arab Music and the Music of Africa (2014 and 2015)

Section E: Western Set Work; Candidates are expected to have prepared one set work; Mendelssohn: A Midsummer Night's Dream, Overture Op. 21 (2014 and 2015)

SPORTS, GAMES & PHYSICAL WELL-BEING

Students at LCI will have two one-hour sessions of dedicated Sports and Games activity every week.

Every day, a fifteen-minute period is set aside for PE/Yoga/Outdoor activity.

Aerobics lessons, team games such as basketball, volleyball and football are offered.

The students also have the option to be taken to the Golf Club for Golf Lessons, at an extra fee.

WORKSHOPS

Every first Saturday of the month, with at least 8 workshops in areas such as: Theatre / Dance / Creative Writing / Poetry

Software: Photoshop / Animation

Science

Film / Photography / Videography

Art / Design

Coding / Programming

Cooking

The outcome of each workshop will be a project / performance.

FIELD TRIPS

Field trips at LCI will be designed to enhance the curriculum, and will be organised every third Saturday of the month, aiming for at least 8

The outcome of each field trip will be a report / presentation.