



NEW COURSE STARTING
SEPTEMBER 2014

NOCN LEVEL 3 CERTIFICATE IN GARDEN DESIGN

Reaseheath College Design Studio, Cheshire

Course Aims

The NOCN Level 3 Certificate in Garden Design (QCF) has been designed to enable learners to develop the drawing skills and the plant knowledge required to enter the garden design industry. The qualification can be used in conjunction with other horticultural qualifications for those new to the land based sector.

The specific aims of the NOCN Level 3 Certificate in Garden Design (QCF) are to develop:

Basic drawing skills to produce garden and planting plans

Generic representation skills

Knowledge and understanding of plant and soil science relevant to garden design

Knowledge of plant identification, selection and care criteria as they relate to garden design

Knowledge of the design process.

Achievement of the NOCN Level 3 Certificate in Garden Design (QCF) meets the minimum required standard for occupational competence to function as a professionally competent garden designer.

Module Overview



- Garden Design Principles
- Garden Design Detailing
- Garden Design Process and Development (Double module)
- Garden Design Solutions
- Plant Studies (Double module)
- Garden Design Styles
- Hard landscaping Materials and Features

Classes will include:



- Illustrated lectures
- Design workshops
- Graphics workshops
- Group discussions
- Plant identification walks in college grounds and classroom based activities
- Garden Visits
- Show garden build (optional)

Assessment Overview

- Assessment will be predominantly based upon development of vocational skills through progressive development of skills evidenced within a design portfolio. This will demonstrate a range of industry relevant methods of developing design proposals for domestic garden design and will be assessed on learners achieving acceptable levels of competence in tasks.
- Assessment tasks will also include some presentation of reports or group discussions or role play/ design simulations. See Assessment sections for each unit for further detail, these additionally state where assessment methods are mandatory based upon NOCN (underlined) or are centre selected methods. Centre based assessment methods have been selected and developed by the Design Team at Reaseheath College and are designed to support the development of employability skills.
- Assessment briefs will be given with tasks to give guidance. Formative tasks should be collated to demonstrate progression of skills and to gain feedback on areas for development.
- Assessment for NOCN is a competency certificate (ie Pass/ Fail) . Learners will be given feedback to support differentiated understanding of skills and a **Reaseheath College Certificate** will be awarded recognition of Merit in unit achievement.

Principles of Design (Credit Value 3)



1. Be able to use graphic and presentation skills in garden design.

1.1. Produce a graphic layout sheet for a garden design to include:

- a) Border and title block
- b) Use of different pen lines
- c) Drawn to a scale
- d) Labelling to be read from bottom or right hand edge
- e) Dimensions
- f) Use of industry standard graphic symbols for hard and soft landscape features
- g) North indicator
- h) Levels

2. Understand the principles of design.

2.1. Explain the features of a given design.

2.2. Evaluate the effectiveness of the design for a given outdoor space.

Principles of Design (Credit Value 3)



3. Understand the importance of mass and void in garden design.

3.1. Analyse the three dimensional structure of a given outdoor space.

4. Understand the importance of geometry in the design process.

4.1. Explain the geometry used in a formal garden design.

Principles of Design: What will be covered...

- Plan graphics and layout for use in inked design proposals.
- The Principles of Garden Design: Illustrated lectures and group discussions. Will also be looked at during garden visits.
- Understanding use of space and mass and application of proportion and scale in designing 'garden rooms'. Lecture and design workshop.
- Understanding rectilinear and curvilinear design concepts through lectures and design workshops.

Assessment methods (Underlined is Mandatory method set by NOCN)

Garden Design Principles (Credit Value 3)

1. Be able to use graphic and presentation skills in garden design.
 - 1.1. Produce a graphic layout sheet for a garden design to include:
 - a) Border and title block
 - b) Use of different pen lines
 - c) Drawn to a scale
 - d) Labelling to be read from bottom or right hand edge
 - e) Dimensions
 - f) Use of industry standard graphic symbols for hard and soft landscape features
 - g) North indicator
 - h) Levels
2. Understand the principles of design.
 - 2.1. Explain the features of a given design.
 - 2.2. Evaluate the effectiveness of the design for a given outdoor space.
3. Understand the importance of mass and void in garden design.
 - 3.1. Analyse the three dimensional structure of a given outdoor space.
4. Understand the importance of geometry in the design process.
 - 4.1. Explain the geometry used in a formal garden design.

Produce Artefact: Plan

2.1 Produce artefact with annotated features

2.2 Report on a site visited.

3.1 Report/ including sketches or photos on same site as 2.2 additionally sketches of 3D design proposals

4.1 Produce Artefact: Annotated Concept Plans for different geometric shapes with short rationales.

Garden Design Detailing (Credit Value 3)

1. Know how to survey and analyse a site for garden design.

1.1. Carry out a site survey and analysis.

1.2. Produce an accurate survey and analysis drawing using an appropriate scale.

1.3. Explain how site characteristics may influence choice of garden design style.

2. Know how to incorporate specified features into a design presentation plan.

2.1. Incorporate features specified in a client brief into a design presentation plan.

3. Understand the construction detailing of hard landscape features.

3.1. Produce detailed construction drawings for hard landscape features showing level changes, paving, walls, garden structures and other bespoke items.

4. Know how to source materials appropriate to the client brief.

4.1. Research sources for custom made and off the shelf materials required to meet the client brief.

Garden Design Detailing: What will be covered...

- Introducing use of visual surveys and sourcing and scaling from base plans.
- Introduction to linear surveys.
- How to record and present spot levels on a site.
- Introduction to site appraisal.
- Introduction to gathering info and producing a Client brief.
- How to produce scale Site Analysis plans.
- Identification of sources of information to support selection of materials to meet client brief requirements.
- Construction detailing presentation to cover range in learning outcomes.

Assessment methods (Underlined is Mandatory method set by NOCN)

Garden Design Detailing (Credit value 3)

1. Know how to survey and analyse a site for garden design.

- 1.1. Carry out a site survey and analysis.
- 1.2. Produce an accurate survey and analysis drawing using an appropriate scale.
- 1.3. Explain how site characteristics may influence choice of garden design style.

2. Know how to incorporate specified features into a design presentation plan.

- 2.1 Incorporate features specified in a client brief into a design presentation plan.

3. Understand the construction detailing of hard landscape features.

- 3.1 Produce detailed construction drawings for hard landscape features showing level changes, paving, walls, garden structures and other bespoke items.

4. Know how to source materials appropriate to the client brief.

- 4.1 Research sources for custom made and off the shelf materials required to meet the client brief.

1.1 Production of Artefact:

1.2 Production of Artefact:

1.3: Report

2.1 Production of Artefact:

3.1 Production of Artefact:

4.1 Production of Artefact:

Garden Design Process and Development

(Credit Value 6)

1. Understand and interpret a given client brief.

- 1.1. Produce a concept board which clearly supports the design development.
- 1.2. Produce a presentation plan for a given client brief, which includes specific functions, steps and change of level and features to improve disabled access.
- 1.3. Explain how current planning legislation could impact on the design process.

2. Understand the garden design process.

- 2.1. Demonstrate the process of garden design from initial drawings through to the presentation plan.
- 2.2. Use geometry, design principles, mass and void to complete the design process.



Garden Design Process and Development

(Credit Value 6)

3. Know how to use section-elevations as forms of visual communication.

3.1. Produce section-elevations illustrating vertical elements in the design and the construction details used in the structure.

4. Use water in a design.

4.1. Select an appropriate water feature for a given site and brief.

4.2. Incorporate a water feature into a presentation plan.

5. Understand how rendering can be used to enhance a presentation plan.

5.1. Apply colour effectively to a presentation plan.

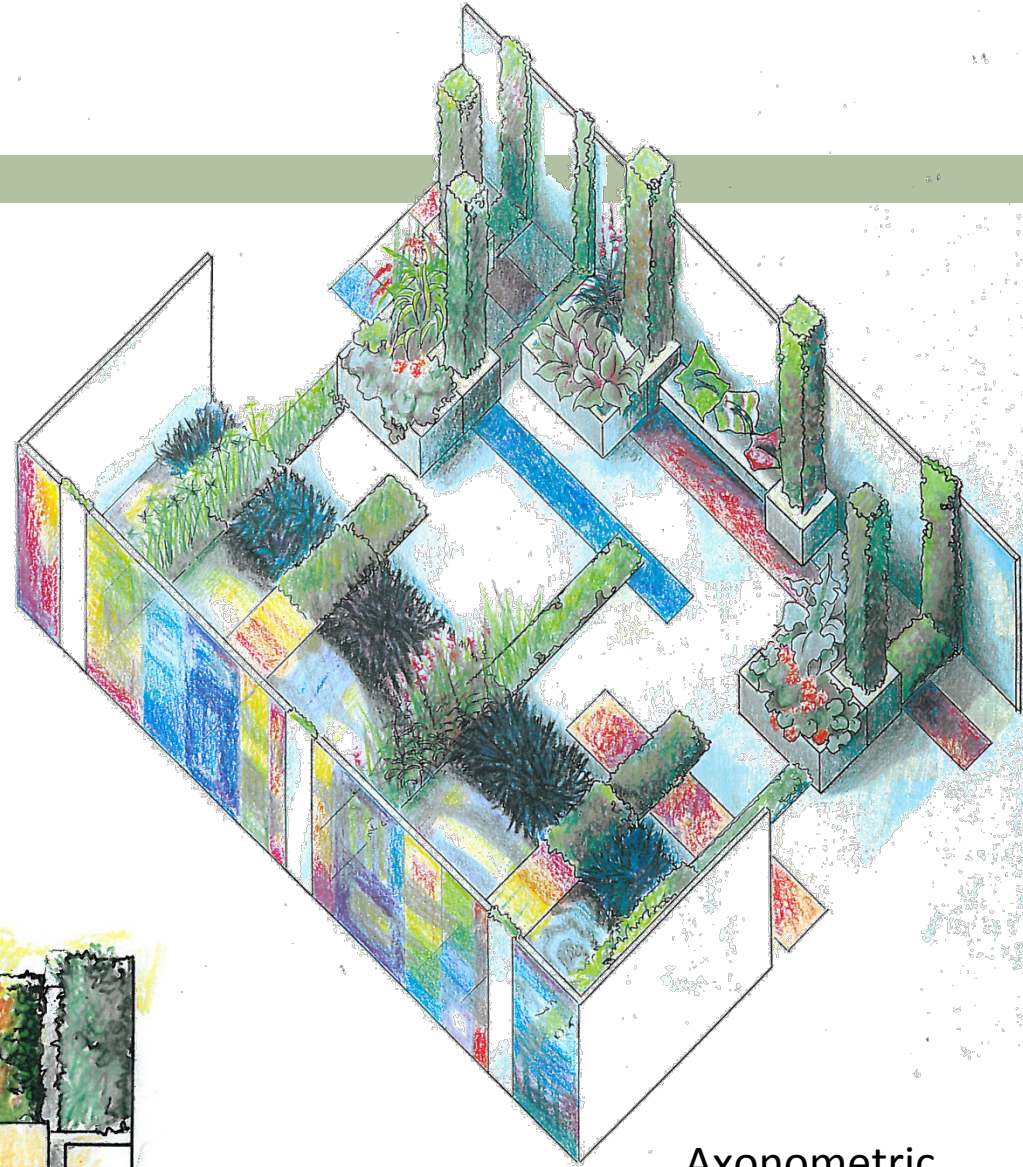
6. Know how to express design ideas three dimensionally.

6.1. Produce an axonometric or isometric drawing to illustrate design ideas.

Introduction and development of graphic presentation skills



Plan view



Axonometric projection



Elevation

Garden Design Process and Development: What will be covered...

- Follow the design process in development of a range of projects to different stages including one project to ink presentation stage.
- Produce concept plans.
- Produce mood boards.
- Designing for disabled access workshop.
- Introduction to Planning constraints and implications on design (Embedded across a range of lectures and site visits).
- Colour render a plan and elevation.
- Produce a sectional elevation of part of a design.
- Produce an axonometric of part of a design.
- Designing with water.

Assessment methods (Underlined is Mandatory method set by NOCN)

Garden Design Process and Development (Credit Value 3)

1. Understand and interpret a given client brief.
 - 1.1. Produce a concept board which clearly supports the design development.
 - 1.2. Produce a presentation plan for a given client brief, which includes specific functions, steps and change of level and features to improve disabled access.
 - 1.3. Explain how current planning legislation could impact on the design process.
2. Understand the garden design process.
 - 2.1. Demonstrate the process of garden design from initial drawings through to the presentation plan.
 - 2.2. Use geometry, design principles, mass and void to complete the design process.
3. Know how to use section-elevations as forms of visual communication.
 - 3.1. Produce section-elevations illustrating vertical elements in the design and the construction details used in the structure.
4. Use water in a design.
 - 4.1. Select an appropriate water feature for a given site and brief.
 - 4.2. Incorporate a water feature into a presentation plan.
5. Understand how rendering can be used to enhance a presentation plan.
 - 5.1. Apply colour effectively to a presentation plan.
6. Know how to express design ideas three dimensionally.
 - 6.1. Produce an axonometric or isometric drawing to illustrate design ideas.

Project

Production of artefact

1.2 Role play / simulation

1.3 onwards Practice file/ artefact

Garden Design Styles (Credit Value 3)

1. Know a range of garden design styles.

1.1. Compare and contrast a range of garden design styles, for example, formal, Japanese, cottage.

2. Know the work of a named garden designer.

2.1. Research the work of a named garden designer.

2.2. Analyse the style of a named garden designer.

2.3. Acknowledge the research sources used.

3. Understand the development of a named garden designer's work.

3.1. Visually record the work of a named garden designer.

3.2. Discuss how the designer's work has developed.



Garden Design Styles : What will be covered...

- Introductions to Garden styles to include over the course: Chinese & Japanese; Formal Italian renaissance, French Baroque & English landscape movement; Victorian styles including kitchen gardens, formal displays, garden rooms such as woodland, rockery etc and cottage; Arts and Crafts style and contemporary. Across the range covered through illustrated lectures or visits or design workshops.
- Research and presentation skills development through project on selected designer.
- Presentation/ discussion with peers about selected designer.

Assessment methods (Underlined is Mandatory method set by NOCN)

Garden Design Styles* (Credit Value 3)

1. Know a range of garden design styles.
 - 1.1. Compare and contrast a range of garden design styles, for example, formal, Japanese, cottage.

2. Know the work of a named garden designer.
 - 2.1. Research the work of a named garden designer.
 - 2.2. Analyse the style of a named garden designer.
 - 2.3. Acknowledge the research sources used.

3. Understand the development of a named garden designer's work.
 - 3.1. Visually record the work of a named garden designer.
 - 3.2. Discuss how the designer's work has developed.

LO1 Written description.

LO2, LO3

Production of an artefact

Garden Design Solutions (Credit Value 3)

1. Be able to respond effectively to different garden sites and client briefs.

1.1. Use ideas creatively to produce sustainable garden planting designs for a range of different sites and client briefs.

2. Be able to work to an acceptable timescale to provide planting and design solutions.

2.1. Research plants and develop design ideas in order to produce design solutions to meet given deadlines.

3. Be able to provide planting design solutions for domestic sites.

3.1. Produce planting plans for domestic schemes.

3.2. Produce planting plans to a given scale.

4. Be able to evaluate own garden design work and that of others.

4.1. Evaluate own design solutions and those of others for a given garden site and brief.

Garden Design Solutions: What will be covered...

- Design workshops on: Sustainable approaches to garden design; Microclimates; Designing on multiple levels/ slopes; Designing for accessibility.
- Includes some garden visits.
- Development of Client briefs, site analysis plans, concept plans and mood boards.
- Development of planting solutions as planting plans based around these themes (linking to Plant Studies and Plants and Their Environments units).
- Evaluation of design projects.

Assessment methods (Underlined is Mandatory method set by NOCN)

Garden Design Solutions (Credit Value 3) Shared

1. Be able to respond effectively to different garden sites and client briefs.
 - 1.1. Use ideas creatively to produce sustainable garden planting designs for a range of different sites and client briefs.
2. Be able to work to an acceptable timescale to provide planting and design solutions.
 - 2.1. Research plants and develop design ideas in order to produce design solutions to meet given deadlines.
3. Be able to provide planting design solutions for domestic sites.
 - 3.1. Produce planting plans for domestic schemes.
 - 3.2. Produce planting plans to a given scale.
4. Be able to evaluate own garden design work and that of others.
 - 4.1. Evaluate own design solutions and those of others for a given garden site and brief.

Production of an artefact:

Plant Portfolio

LO1; LO2:LO3, Produce sustainable planting plans at appropriate scales for a range of different domestic settings to meet client briefs within a time constraint.

Project:

LO4: Evaluate your own design work and those of others within design group.

Hard Landscaping Materials and Features

(Credit Value 3)

1. Understand how hard landscaping materials can be used in the garden.

- 1.1. Research hard landscaping materials used in garden design.
- 1.2. Define garden terms and specific features used in hard landscaping.
- 1.3. Compare the advantages and disadvantages of a range of hard landscaping materials.

2. Know how to use hard landscaping materials in specific situations.

- 2.1. Select appropriate hard landscaping materials for a range of given sites and briefs.
- 2.2. Produce presentation plans demonstrating the appropriate use of hard landscaping materials for given sites and briefs.

3. Understand the use of hard landscaping features in enhancing garden design.

- 3.1. Research hard landscaping features which may enhance a given design.
- 3.2. Evaluate ways of constructing hard landscaping features in relation to a given design.

4. Know how to specify hard landscaping materials and methods.

- 4.1. Explain how to specify quantities and types of hard landscaping materials and the methods to be used.

Hard Landscaping Materials and Features : What will be covered...

- Lectures on specific types of hard landscape material and feature to include a range of: Horizontal surfaces, vertical features (walls/ fencing), water features, structures such as pergolas, archways.
- Developing evaluative skills to support selection criteria to include aesthetics, functionality, maintenance, installation/construction including appropriate consideration of sourcing and costs.
- Production of outline costs for materials or features.
- Explain construction process and method through production of construction details with annotated specification.

Assessment methods (Underlined is Mandatory method set by NOCN)

Hard Landscaping Materials and Features (Credit Value 3)

1. Understand how hard landscaping materials can be used in the garden.
 - 1.1. Research hard landscaping materials used in garden design.
 - 1.2. Define garden terms and specific features used in hard landscaping.
 - 1.3. Compare the advantages and disadvantages of a range of hard landscaping materials.

2. Know how to use hard landscaping materials in specific situations.
 - 2.1. Select appropriate hard landscaping materials for a range of given sites and briefs.
 - 2.2. Produce presentation plans demonstrating the appropriate use of hard landscaping materials for given sites and briefs.

3. Understand the use of hard landscaping features in enhancing garden design.
 - 3.1. Research hard landscaping features which may enhance a given design.
 - 3.2. Evaluate ways of constructing hard landscaping features in relation to a given design.

4. Know how to specify hard landscaping materials and methods.
 - 4.1. Explain how to specify quantities and types of hard landscaping materials and the methods to be used.

Production of artefact

Written description
Reflective log/ diary

Project

Practice File

Practice File

Practice File

Plant Studies (Credit Value 6)

1. Understand the role played by trees, shrubs, wall shrubs and climbing plants in the garden.

1.1. Research and select a range of trees, shrubs, wall shrubs and climbing plants that are appropriate for specific roles in the garden.

2. Understand how to use herbaceous plants and bulbs to extend the seasons of interest in the garden or landscape.

2.1. Analyse how herbaceous plants and bulbs can be used to extend the seasons of interest in the garden or landscape.

3. Understand the design qualities of plants.

3.1. Analyse how form, texture, habit and colour are used in planting design.

3.2. Research a range of plants and planting companions appropriate for a given site.

Plant Studies (Credit Value 6)

4. Know a wide range of plants.

4.1. Identify and name thirty each of annuals, herbaceous perennials, trees and shrubs using current botanical nomenclature.

4.2. Specify whether each species identified is tender or hardy in Britain.

5. Know factors to consider when using poisonous and hazardous plants in the garden.

5.1. Identify ten poisonous and ten hazardous plants which may be used in the garden.

5.2. Explain precautions that should be taken when using poisonous and hazardous plants.

6. Understand plant association.

6.1. Research plants and plant associations suitable for specified situations giving reasons for choice.

6.2. Create a planting scheme showing both unity and contrast of form and texture.

Plant Studies: What will be covered...

- Introduction to the selection and use of trees, shrubs, climbers, herbaceous perennials, bulbs and annuals for a range of garden settings through lectures, garden visits (including campus walks) and planting design exercises and plant idents.
- Explore use factors such as hardiness and growing requirements and seasonality.
- Introduction to the use of form, texture and colour theories to planting design and development of planting design associations for a range of settings and styles utilising principles.
- Development of understanding of risks of hazardous plants, research methods to identify risks and development of understanding of methods of design to mitigate risk.
- Presentation of planting plans and plant schedules.

Assessment methods (Underlined is Mandatory method set by NOCN)

Plant Studies (Credit Value 6) Shared

1. Understand the role played by trees, shrubs, wall shrubs and climbing plants in the garden.
 - 1.1. Research and select a range of trees, shrubs, wall shrubs and climbing plants that are appropriate for specific roles in the garden.
2. Understand how to use herbaceous plants and bulbs to extend the seasons of interest in the garden or landscape.
 - 2.1. Analyse how herbaceous plants and bulbs can be used to extend the seasons of interest in the garden or landscape.
3. Understand the design qualities of plants.
 - 3.1. Analyse how form, texture, habit and colour are used in planting design.
 - 3.2. Research a range of plants and planting companions appropriate for a given site.
4. Know a wide range of plants.
 - 4.1. Identify and name thirty each of annuals, herbaceous perennials, trees and shrubs using current botanical nomenclature.
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 - 6.1. Research plants and plant associations suitable for specified situations giving reasons for choice.
 - 6.2. Create a planting scheme showing both unity and contrast of form and texture.

LO1, 2, 3, 4, 6

Project /Practice File

Identify in planting schemes how you have used

Herbaceous perennials and bulbs to extend period of interest.

Design projects: Analyse how used form/ texture/ habit and colour for specific locations.

Written question and answer/ test/exam and planting design project.

LO5: Project : Produce a Poster.

LO6: Practice File/ Project
Produce a plant portfolio of planting schemes

Course Structure

Classes will predominantly be on Fridays with some additional days allocated for garden visits.

Start: Friday 19th September 2014 to Friday 10th July 2015

9.30am to 4.45pm (within this there is 15mins at beginning and end of day for tutorial support)

Plus additional garden visit on

- Wednesday 4th March 2015 9.00- 4.30pm Dunham Massey Winter Garden
- Wednesday 24th June 2015 9.00am-6.30pm (Hidcote Manor Gardens and Kiftsgate Manor Gardens)

No college due to Public/ College holidays on

19th, 26th December 2014

2nd January 2015

3rd, 10th April 2015 Due to college closure for holidays.

Course Fees

The course fees for this programme will be

£1750 (incl VAT and NQF Qualification Registration.)

This additionally includes entrance fees to all gardens visited and college transportation.

This can be paid by Standing Order with your bank by arrangement with the college finance department.

Equipment:

You will be advised on an equipment list of drawing materials and equipment you will need for your course at the interview events or at the start of your course.

Course Information Events

There will be presentations for students interested in finding out more about the

NOCN Level 3 Certificate in Garden Design

NOCN Level 3 Certificate in Plants and Planting Design

with information and guidance from the course manager Carol Adams

at The Design Studio, Horticulture Department, Reaseheath College, Nantwich, Cheshire CW5 6DF

- Tuesday 4th March 2014 6.30-7.30pm
- Wednesday 2nd April 2014 6.30-7.30pm
- Tuesday 6th May 2014 6.30-7.30pm
- Wednesday 4th June 2014 6.30-7.30pm
- Tuesday 1st July 2014 1.30-2.30pm 6.30-7.30pm
- Tuesday 12th August 2014 1.30-2.30pm 6.30-7.30pm
- Tuesday 19th August 2014 1.30-2.30pm 6.30-7.30pm
- Tuesday 9th September 2014 1.30-2.30pm 6.30-7.30pm

Presentations will start at 1.30pm and 6.30pm and normally take 1 hr including question and answer time/ guidance on training for career changers. Equipment lists and guidance on college resources available.

Please book with Sue Parkinson

How to Apply

Contact Sue Parkinson Horticultural Programme Administrator on
Tel 01270 613211

Email suepa@reaseheath.ac.uk

for a course application form. Applicants must be over the age of 19 years.

Once we have received this you will be invited in to Reaseheath to meet with the Course Manager Carol Adams for an informal interview/ course information event. We will then send you an enrolment form.

