

An Introduction to MSc Dietetics (Pre-registration) Course



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MSC DIETETICS TEAM



Course Structure (180 credits)



Year 1

Nutrition & Food
Composition
(15cr)

Dietetic Practice
in Long Term
Conditions
(15cr)

Evaluating
Research
Methodology
(15cr)

Applied
Nutrition
Support
(15cr)

Understanding
complexity in
Practice
(15cr)

Year 2

Leadership in Public Health
Nutrition
(15cr)

Evaluating Complexity
in Practice (15cr)

Complexity Dietetic Practice
(15cr)

Years 1/2 Professional Practice: - includes Placements A (P/T 10 days March-April), B1 (P/T 50 days Sept-Dec), B2 (P/T 20 days Feb-Mar) C (F/T 60 days May-July) (15cr)

Years 1½: Creating Original Practice (45cr)

Nutrition & Food Composition



Theory & Principles of Human Nutrition
Macro/micronutrient & functional foods

Food Composition, dietary analysis software/apps

Social, psychological, environmental issues- cost, choice, food access & poverty

UK Eating habits, Dietary guidelines & Recommendations & Consumer Research



Food services in care settings, nutritional Standards & menu planning

Healthy Eating, Educational Tools/ Platforms for dissemination of EBP

Product development skills, technology & impact on food- labelling & product claims

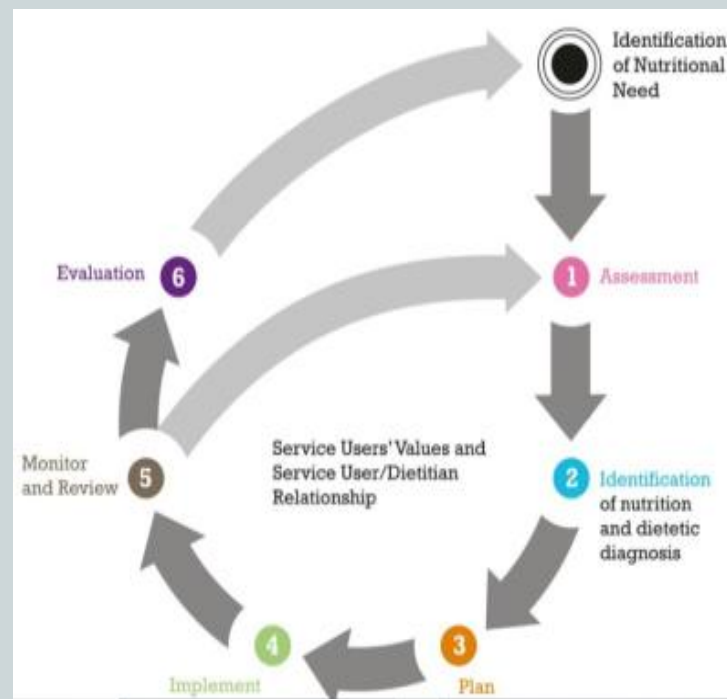
Food skills- healthy eating, multi-cultural foods, infant feeding & food safety certificate

Assessment: Full justification for new product development to meet food industry specification

Dietetic Practice in LTC



Care Planning Skills



Aetiology: genetics, biochemistry, physiology, immunology, drug, social, familial & psychological issues & eating behaviour

ICS/LTC Care pathways, guidelines & policy

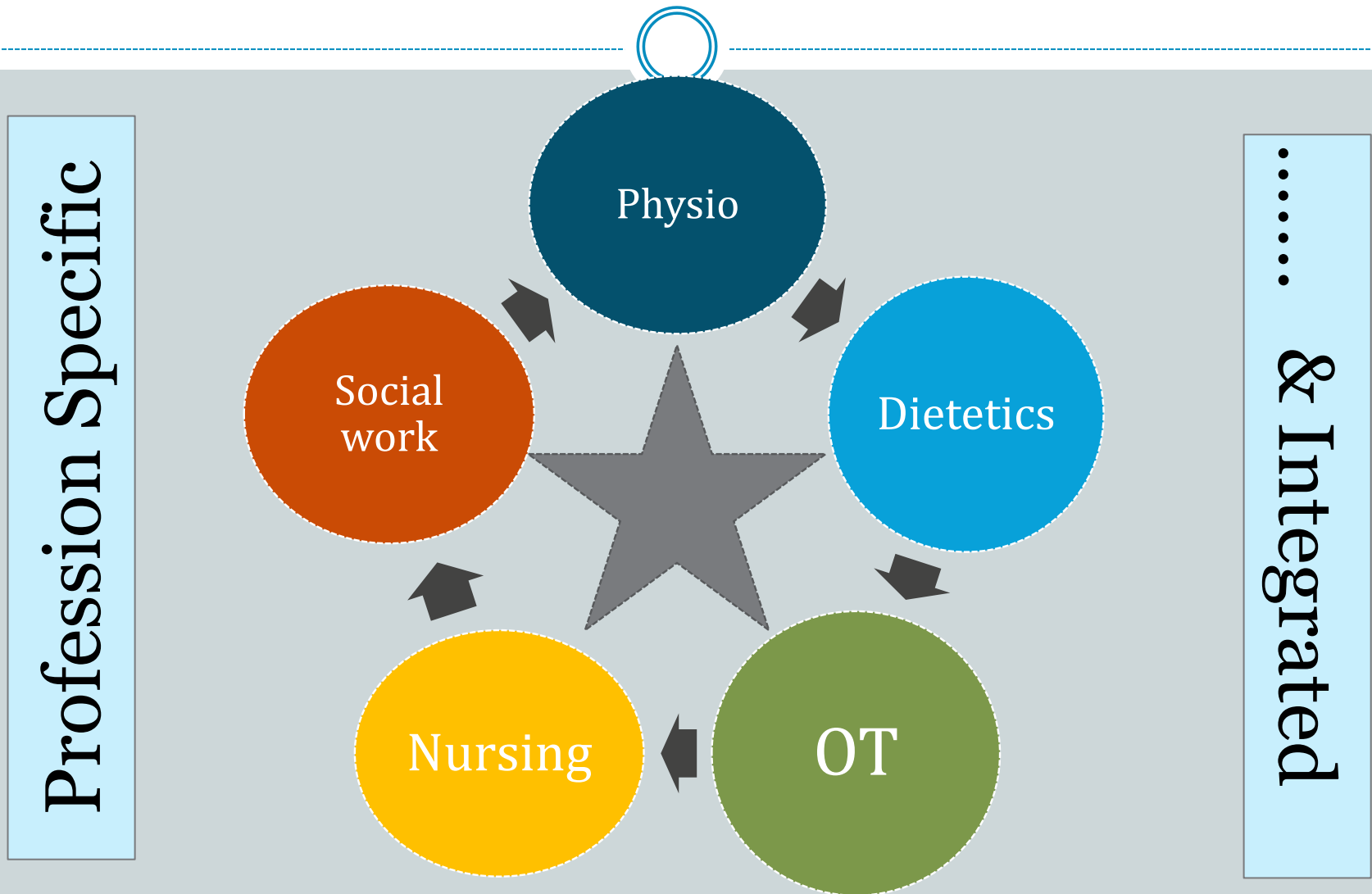
Service user & carer Perspectives

Practicals- portion sizes, GF cookery, energy modification, CHO counting, anthropometry

Evidence base for dietary intervention in LTC:- obesity management, CVD, T2D, T1D, IBS, coeliac disease, metabolic syndrome, NAFLD, NASH & food allergy

Assessment: Dietetic Care Plan

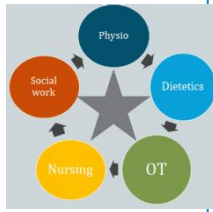
MSc Pre-Registration ICC Model



Rationale for an Integrated Approach

Every health & social care (pre-registration) course from 2019-20	High desirable learning experience, opportunity to learn with, from & about other professionals	Designed in collaboration with service users & employers- job ready graduates
Learning with students from different Professions- Physio, OT, Dietetics, Nursing & Social work	Develop team working skills, understanding of different contribution professionals make to care of families & Communities	Health & Social Care landscape is changing- services more integrated. This course prepares you for entering the workplace
SHU graduates to be confident & shape the Integrated Care System (ICS) one of eight in the country	Services are stronger when professionals work together & able to deliver integrated care for service users & communities	Placing integration & collaboration central in our learning & teaching

Understanding Complexity in Practice



Integrated

- Shared ethical decision making & practice
- Person centred health & social care
- Risk management & safeguarding
- Community resources & care navigation
- Solution focused person centred approaches across assessment, treatment, planning & evaluation

Profession Specific

- Applying dietetic care process with service users with mental health needs, children & families



Assessment: Reflective
Case Study

Applied Nutrition Support



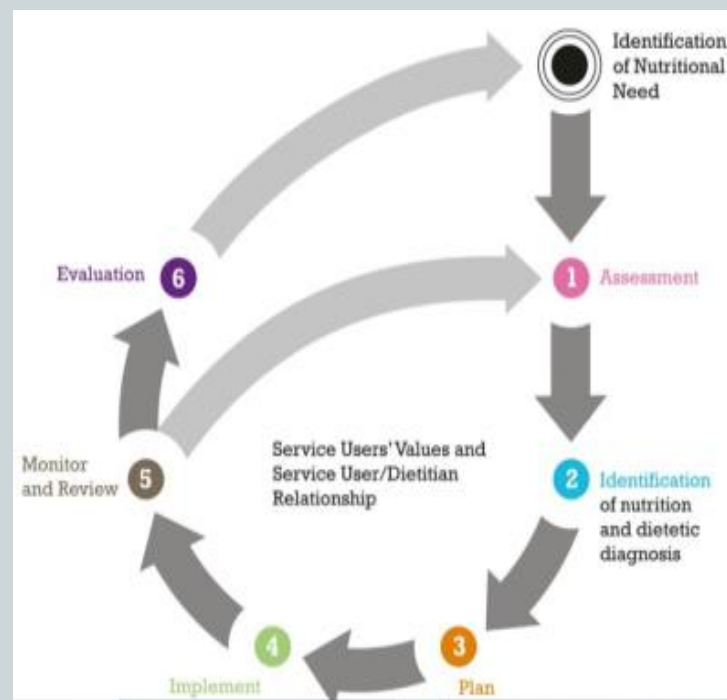
Aetiology: genetics, biochemistry, physiology, immunology, drug, social, familial & psychological issues

Nutrition screening & EB for Nutrition Support pathway

Ethical issues & withdrawal of Treatment

Microbiological aspects of infection control

Simulated Practice

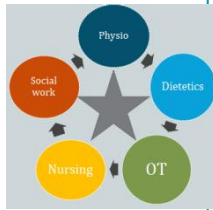


Practicals-food fortification/ONS, enteral feeding, CKD & liver disease.

Evidence base for dietary intervention in: acute/chronic conditions, gut, IBD, liver disease, chronic kidney disease, respiratory disease, neurological conditions, cancer, critical care

Assessment: Practical Exam & Oral Justification

Evaluating Complexity in Practice

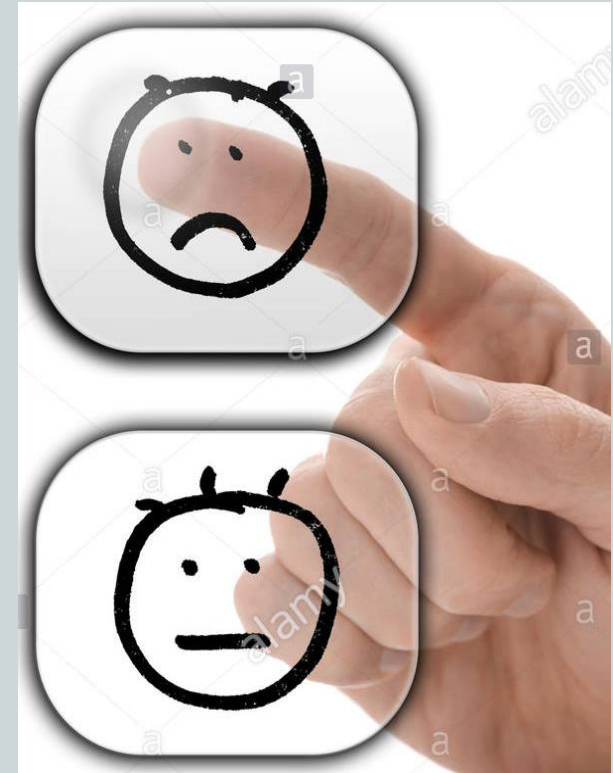


Integrated

- Integrated assessment & care service delivery
- Service user involvement, fluctuating capacity & consent
- Technology implications & law
- Dealing with uncertainty- populations, settings & complexity theories
- Health & Care management- hard to reach groups
- Personal care budgets

Profession Specific

- Clinical Governance, risk management, audit & evaluation
- Clinical effectiveness & outcomes to evaluate practice
- Pathways, positioning interventions for impact
- Service improvement frameworks & strategies
- Medicines optimisation



Assessment: Service Evaluation

Research Strand



Evaluating Research Methodologies

Emphasis on Researching Practice & how research questions are shaped.

- Research paradigms
- Research context
- Methodology
- Systematic literature reviews
- Data analysis
- Ethics & research governance
- Service user involvement

Assessment: Research Presentation

Creating Original Practice

Carrying out research of benefit to dietetic practice

- Project planning
- Proposal development
- Ethics & governance
- Data management & analysis
- Dissemination- BDA New to Research Conference

Research Proposal /Ethics (Year 1)
Dissertation (80%) 9000 words & viva (20%) 20 minutes (Year 2)

Leadership in Public Health Nutrition



PH strategy & commissioning frameworks

Writing a business case for a nutrition strategy- consultation, partnerships, resources, evaluation, leadership & enterprise skills

Health Promotion theories & interventions

Epidemiology, social determinants of health, inequality, food poverty & access



Leadership skills & application to nutrition strategy

Working with communities. Profiling & accessing health information

Multi-component interventions & integration of health wellbeing, nutrition, behaviour change & physical activity + Sports Nutrition

Careers in public health, NHS & other sectors

Assessment: Development PHN strategy & business case

Complexity in Dietetic Practice



Application of clinical effectiveness & outcomes

Critical discussion of dietetic practice drawing on EBP, policy, care pathways in range of practice

Employability, CPD and HCPC standards

Integration of clinical, ethical, legal & regulatory requirements



Preceptorship & clinical supervision

Justifying clinical decision making for different audiences

Advanced communication skills

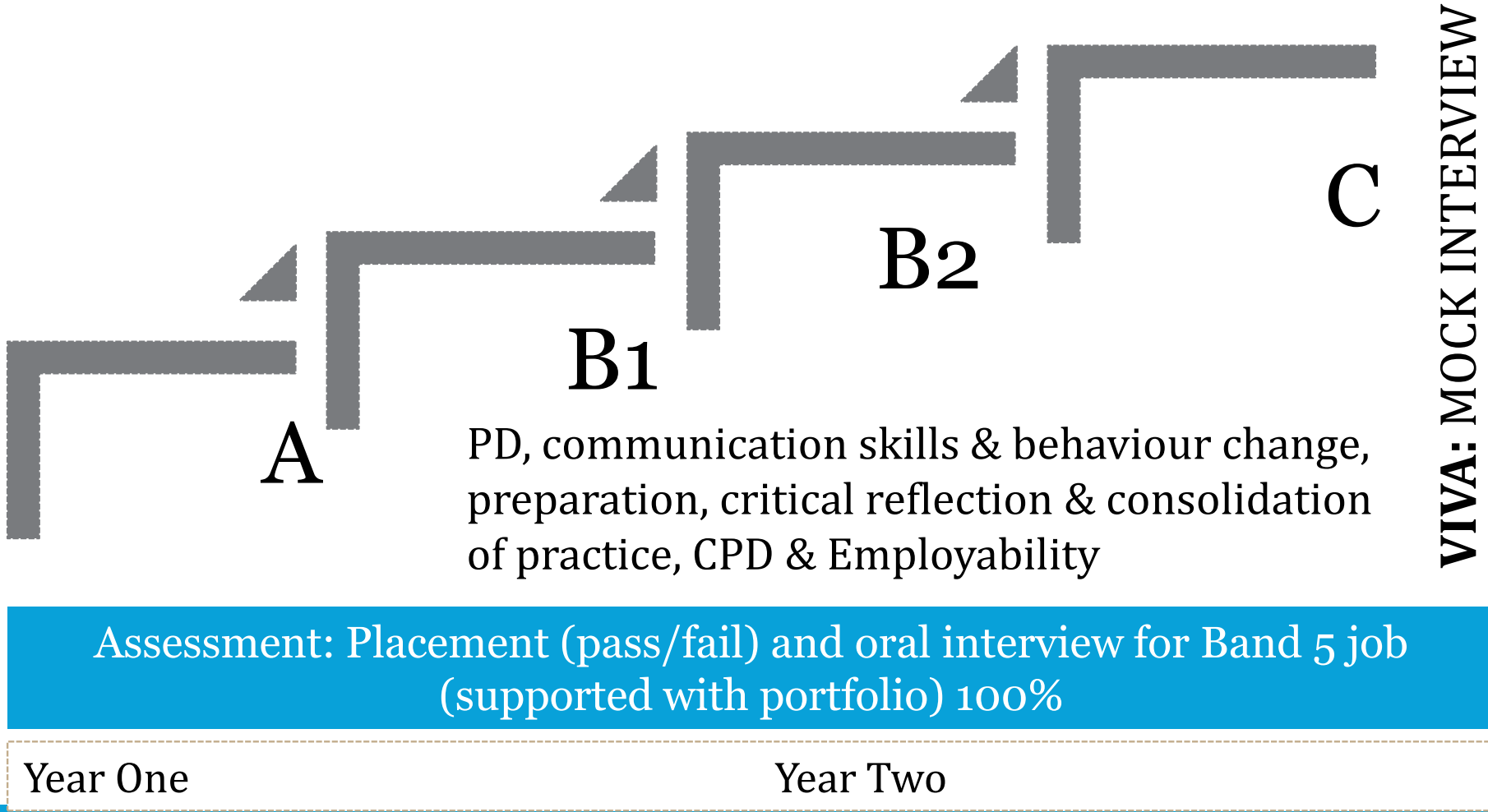
Introduction to specialist practice & prescribing

MDT working to deliver person centred integrated care in managing conditions with greater complexity

Challenging issues in practice & resilience

Assessment: Exam Complex Care Scenario

Professional Practice



Practice Based Learning (140 days)

- Placement A (P/T, 10 days) Observation & Task orientated
- Placement B1 (P/T 50 days) Developing Practice
- Placement B2 (P/T 20 days) Role Emergent settings. Extending Practice
- Placement C (F/T 60 days) Consolidation of Practice.

Range of Health & Social Care settings

