**Course Outline – Unit 4**

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| **Week** | **Area of study** | **Book reference** | **Key knowledge** | **Production task** | **Activities** |
| 1  (15th July) | **1: Implementing a design plan** | Chapter 5  Developing a design plan | * Implementing the plan * Planning processes * Properties of foods * Safety and hygiene practices | SAT production 1   * Bring plates and plan plating presentation * Bring anything for food styling and set up for photography | **Design plan draft due**  Production plans  Ordering food  Revising knowledge |
| 2  (22 nd July) |  | Chapter 6  Implementing a design plan | * Recording evidence * Evaluating items, product, processes and production | SAT production 2 | **Evaluation 1 due**  refer back to brief and the evaluation criteria, evaluate sensory properties, complex processes, chemical and physical properties. Discuss improvements, changes  Test your knowledge  Practice exam question |
| 3  (29th July) | **2: Food product development** | Chapter 7  Factors driving product development  Chapter 8  Product development | * Factors of food product development * Process of product development * Types of product development | SAT production 3 | Food for health  LoGiCane sugar  Time trial  Berocca performance Twist N Go drink  What's for dinner?  Researching new products  Briefly speaking  Creating criteria  Summarise this  Successful line extensions  New products  Test your knowledge  Practice exam question |
| 4  (5th Aug) |  | Chapter 9:  Packaging and marketing | * Food product marketing * Promotional strategies * Ethical marketing | SAT production 4 | Target markets  Identifying markets  McDonalds marketing  Practicing the marketing mix  Slogan power  Market your product  Media analysis  Class debate  Test your knowledge  Practice exam question |
| 5  (12th Aug) |  | Chapter 10:  New and emerging foods | * Analysis of food products | SAT production 5 | How does bread measure up?  Descriptors  Sensory testing  Difference test  Get tasting  Test your knowledge  Practice exam question |
| 6  (19th Aug) |  | Chapter 11  Environmental issues | * Environmental issues: food manufacturing, food packaging | SAT production 6 | How aware are you?  Brymaroo catchment case study  Soil erosion in Victoria  Chemical for crops  Taste the difference  Investigating organics  Summarise this  Test your knowledge  Practice exam question |
| 7  26th Aug) |  | Chapter 13: Food packaging | * Purpose of packaging * Packaging systems | SAT production 7 | Explain this statement  The silent salesman  Summarise this  Investigate further  Are there any disadvantages?  Tetra Pak  MAP and food spoilage  Plastic coding systems  Test your knowledge  Practice exam question |
| 8  (2nd Sept) |  | Chapter 14: New and emerging foods | * New and emerging foods | SAT production 8 | **Full folio draft due**  Targeting products  Coke is IT  Plant Sterols  More functional foods  Taste test  Cooking with Splenda |
| 9  (9th Sept) |  |  | * Innovations and emerging technologies: genetic modification, high-pressure processing, microencapsulation, membrane technology | SAT production 9 | GM stakeholders  Researching non-browning potatoes  Media analysis  Survey  Sensory analysis  Media analysis  Taste test  Test your knowledge  Practice exam question |
| 10  (16th Sep)  END TERM 3 |  |  | **SAT due:**  **‘Safely and hygienically implement the production plans for a set of four to six food items that comprise the product, evaluate the sensory properties of the food items, evaluate the product using the evaluation criteria, and evaluate the efficiency and effectiveness of production activities.’** | !8th October is the cut off date for entry in to Top Designs. | Revision for SAC 1 Outcome 4 |
| 11  Start TERM 4  (7th Oct) |  |  | **SAC 1 Outcome 4:**  **‘Analyse driving forces related to food product development, analyse new and emerging food products, and explain processes involved in the development and marketing of food products.’** | Exam revision | Exam revision |
| 12  (14th Oct) |  |  | Exam revision |  | Exam practice questions  Practice exam (Teacher CD-ROM) |
| 13  (21st Oct) |  |  | Exam revision |  | Exam practice questions |