Food and Drink Advanced Engineer Integrated Degree ST0529/V1.0

Level 6

5 Years

10 12 Months

Mechanical/Automation /Production

Assessment Methods

Work-Based Project

Technical Interview

Gateway Requirements

- Level 2 English and Mathematics
- Pass 320 on-programme credits
- Passed all on-programme modules
- Portfolio of Evidence
- Gateway Declaration Form
- Site Health & Safety and Risk Assessment Form

Occupational Profile

Food and Drink Advanced Engineers deliver efficient, effective and high-performance food and drink production processes and systems, many of which are specific to the industry. Combining engineering competence with an understanding of the principles of food safety, science and technology their focus is on developing and designing improved production systems, which are safe to operate and environmentally sustainable.

End Point Assessment

Work-Based Project

Apprentices must produce a report of 8,000 words (+/- 10%). All work relating to the project and report write-up, must be completed during the EPA period; excluding preliminary research to inform the project outline. The report must be submitted by the end of month 9 EPA. Apprentices must prepare and deliver a presentation, based on their work-based project to the IA and panel members. The presentation must last 25 minutes (+/- 10%).

Technical interview

Apprentices will complete a technical interview with the Independent Assessor and panel members. The apprentices will be able to refer to their portfolio of evidence when answering questions. The technical interview will typically last 40 minutes +/10%.

Grading

The standard is graded overall: Fail, Pass, Merit or Distinction.

Click here to view the Food & Drink Advanced Engineer assessment plan