

HFSY215 Behavioural Based Safety

Level: 2

Credit Units: 5 Credit Units

Language: ENGLISH

Presentation Pattern: EVERY JULY

Synopsis:

Behaviour based safety is now commonly employed as part of the safety management programme in many different industries. This course not only teaches students how to employ behavioural psychology to promote safety at the workplace but also the principles underlying behaviour based safety. Topics covered include how to combat human nature and interpersonal factors and the impact of stress at work. In the later part of the course, students are taught how to develop, implement and evaluate behavioural based safety programme. Topics will also include the importance of engaging employees in a team effort towards removing work hazards and to identify and reward positive behaviours.

Topics:

- Principles underlying Behaviour Based Safety
- Basic Principles of Behaviour and its Barrier to Safety
- Critical Behaviours and Their Intervention with Different Factors
- Implementation and Evaluation of Behaviour Based Safety Process
- Obtaining and Maintaining Involvement. Improving the Process by Introducing ABC Analysis
- Improving the Process by Introducing Gauge R&R and the Case Studies

Textbooks:

Scott Geller: Working Safe: How to Help People Actively Care for Health and Safety (eBook) (alt e-isbn:9781482278682) 2nd Edition, 2001 CRC Publishers (Taylor & Francis)
ISBN-13: 9781351990448

Learning Outcome:

- Discuss the concepts of safety culture and principles underlying behavioural based safety.
- Explain the basic principles of behaviour and its barrier to safety.
- Describe how BBS principles and tools can be applied in industries to enhance workplace safety.
- Examine critical behaviour and their interactions with different factors which have an impact on safety.
- Apply the use of tools such as ABC Analysis and Gauge R&R and surveys in BBSP.
- Evaluate and implement the whole behavioural based safety process.

Assessment Strategies (Evening Class):

| Components | Description | Weightage Allocation (%) |
|-------------------------------|--------------------------|---------------------------------|
| Overall Continuous Assessment | QUIZ 1 | 10 |
| | GROUP BASED ASSIGNMENT 1 | 20 |
| Overall Examinable Components | ECA | 70 |
| Total | | 100 |