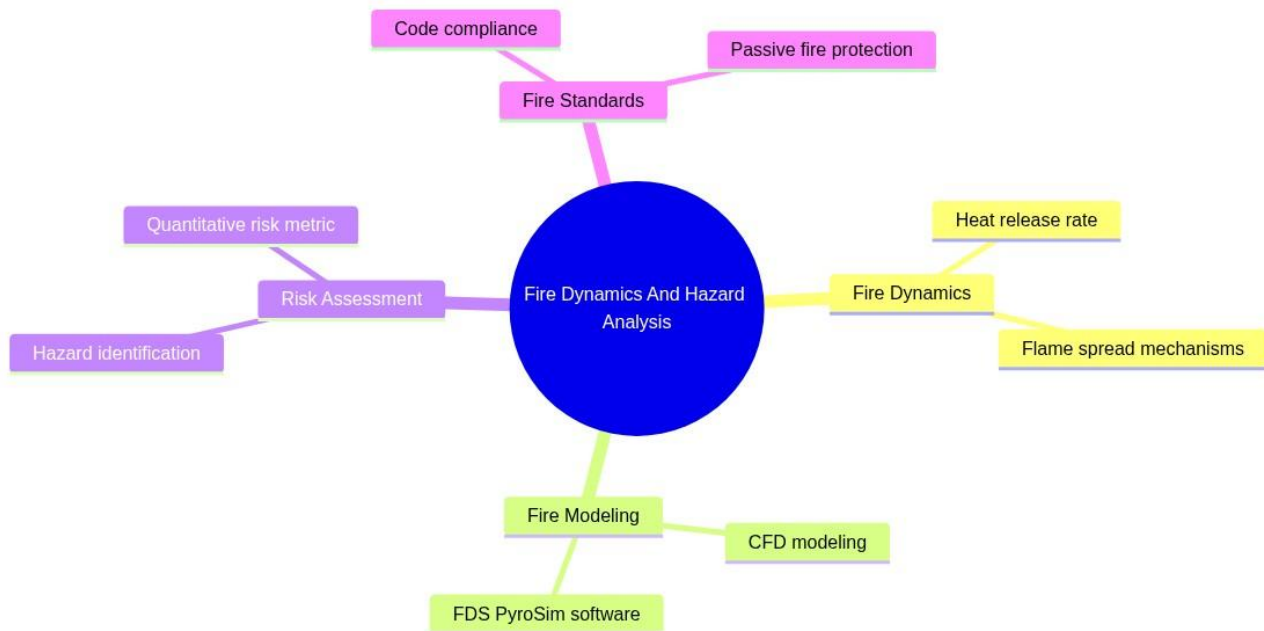


Graduate Certificate in Fire Prevention and Protection (Advanced)

Fire Dynamics And Hazard Analysis



mindmap

root((Fire Dynamics And Hazard Analysis))

Fire Dynamics

Heat release rate

Flame spread mechanisms

Fire Modeling

CFD modeling

FDS PyroSim software

Risk Assessment

Hazard identification

Quantitative risk metric

Fire Standards

Code compliance

Passive fire protection