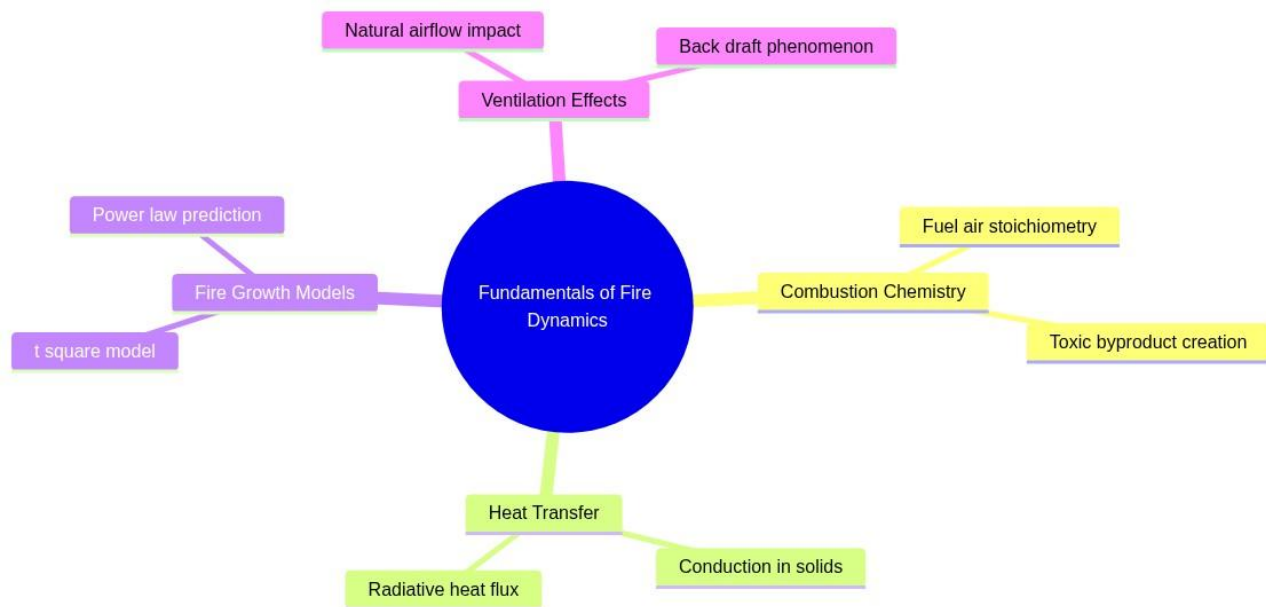


Professional Certificate in Fire Behavior Analysis (Higher)

Fundamentals of Fire Dynamics



mindmap

root((Fundamentals of Fire Dynamics))

Combustion Chemistry

Fuel air stoichiometry

Toxic byproduct creation

Heat Transfer

Conduction in solids

Radiative heat flux

Fire Growth Models

t square model

Power law prediction

Ventilation Effects

Natural airflow impact

Back draft phenomenon