

WF - WILDLAND FIRE SCIENCE

Course Student Learning Outcomes (<https://catalog.tmcc.edu/cslo/wf/>)

WF 205 - Fire Operations in the Urban Interface Units: 3

WF 205 aligns with the National Wildfire Coordinating Group (NWCG) S-215 Fire Operations in the Wildland/Urban Interface curriculum. This course prepares students to effectively plan and operate in the Wildland/Urban Interface (WUI) environment. Students will learn to conduct incident size-up, perform structure triage, develop and implement structure protection strategies, and coordinate resources across multiple agencies. Emphasis is placed on firefighter and public safety, situational awareness, operational decision-making, and effective communication during WUI incidents.

Transferability: May not transfer towards an NSHE bachelor's degree

Enrollment Requirements: S-110, S-130, S-190, L-180, ICS 100 & 700 (FT 110)

Term Offered: Spring

WF 280 - Fire Service Leadership Units: 3

This course introduces entry level wildland firefighters to foundational leadership principles and practices in the fire service. Emphasis is placed on communication, decision making, situational awareness, crew dynamics, and personal responsibility in high risk environments. Students will explore key concepts such as followership, ethical leadership, emotional intelligence, and human factors in firefighting. This course aligns with NWCG leadership curriculum (L-180) and prepares students for increased responsibility on fireline and within fire organizations.

Transferability: May not transfer towards an NSHE bachelor's degree

Enrollment Requirements: Prerequisite: FS 107.

Term Offered: Spring