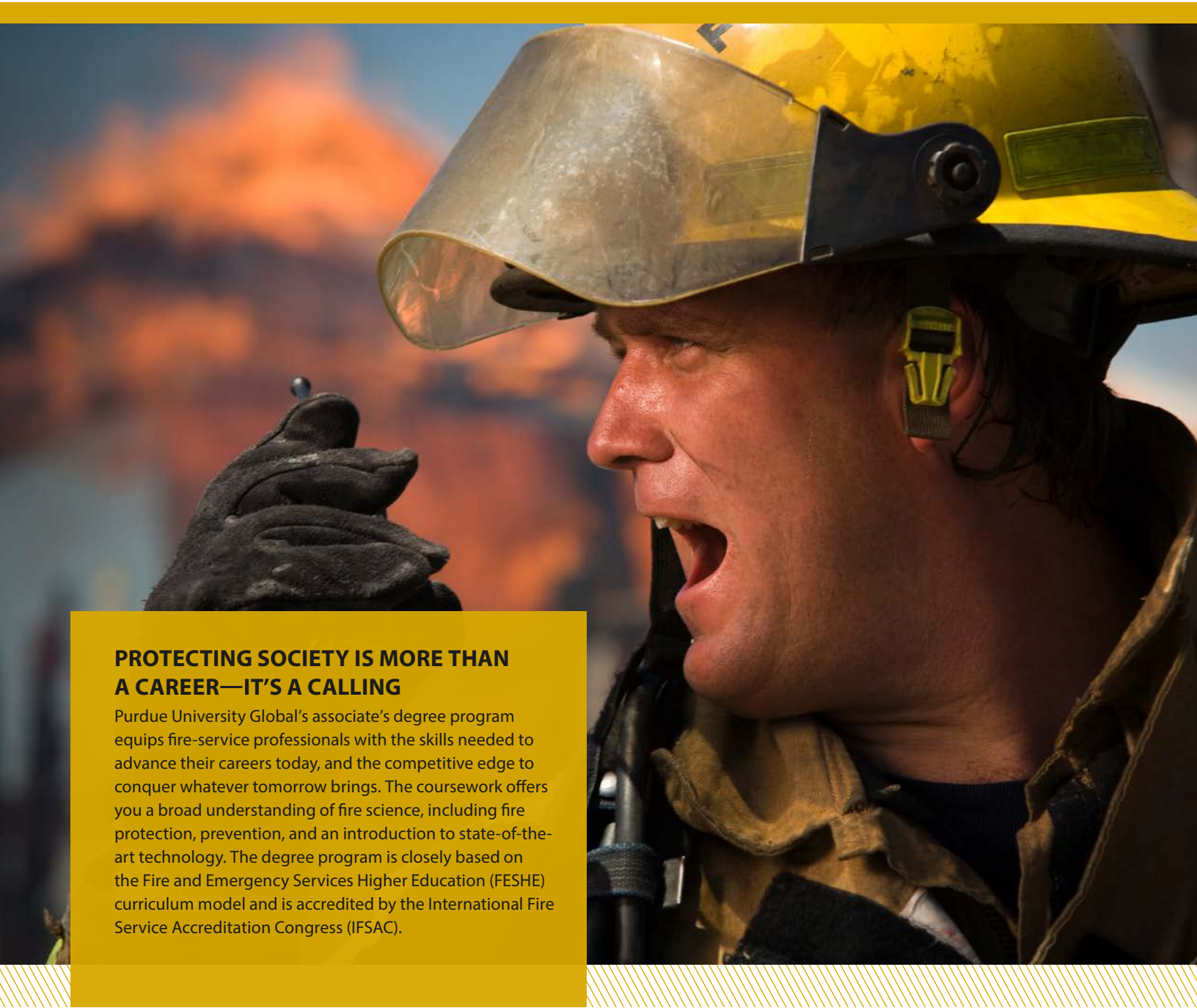


# ASSOCIATE OF APPLIED SCIENCE IN FIRE SCIENCE



## PROTECTING SOCIETY IS MORE THAN A CAREER—IT'S A CALLING

Purdue University Global's associate's degree program equips fire-service professionals with the skills needed to advance their careers today, and the competitive edge to conquer whatever tomorrow brings. The coursework offers you a broad understanding of fire science, including fire protection, prevention, and an introduction to state-of-the-art technology. The degree program is closely based on the Fire and Emergency Services Higher Education (FESHE) curriculum model and is accredited by the International Fire Service Accreditation Congress (IFSAAC).

# WHY STUDY FIRE SCIENCE AT PURDUE GLOBAL?

## ONLINE FLEXIBILITY FOR WORKING ADULTS

Earn your degree 100% online, on your schedule. This program is ideal if you're in the fire science or emergency management field and work unconventional hours. You can also visit one of our regional locations to take advantage of local, onsite support and services.

## FACULTY ARE EXPERTS IN THE FIELD

Learn from experienced professionals with a variety of backgrounds in public safety, emergency management, and firefighting. Many are currently working in fire safety; they understand your career requirements and the challenges you face, and offer real-world perspectives you can respect.

## CREDIT FOR YOUR EXPERIENCE AND INDUSTRY CERTIFICATIONS

Receive credit for previously completed courses, professional learning, and certifications. We work closely with fire academies and fire service associations to make earning your degree as affordable and efficient as possible.<sup>1</sup>

## IAFF PARTNERSHIP AND TUITION REDUCTION

Purdue Global partners with the IAFF to provide members, staff, and immediate family members a significant tuition reduction.<sup>2</sup>



## ONE-ON-ONE MENTORING

Work directly with faculty through online discussion boards and faculty office hours, and enjoy no-cost individual tutoring. In addition, academic and career advisors are dedicated to helping you balance school with your career and life responsibilities.

## INTRODUCTORY TRIAL PERIOD

Make sure online learning at Purdue Global is right for you. Enroll in the University and try our classes for 3 weeks before you owe any tuition. That's the Purdue Global Commitment.<sup>3</sup>

## NATIONALLY RANKED AND RESPECTED

Purdue Global is part of the respected Purdue University system. One of the most prestigious research universities in the world, Purdue University is ranked in the top 10 best public universities in the U.S. by *The Wall Street Journal/Times Higher Education*.<sup>4</sup>



Recognized by the U.S. Fire Administration as an Official **FESHE** Institution



**IFSAC** Accredited Program

"The fire service [industry] has been experiencing rapid changes, and the duties and responsibilities placed upon the individuals within each department must adapt and evolve to meet these new challenges. Formal education is critical to individual and departmental success in the future. A degree from the University could provide the formal education that an individual can immediately put to use in his/her department for this service of their community."

### Jake Rhoades

Faculty Member<sup>5</sup>

Fire Chief for the Kingman Fire Department, Kingman, AZ



# TAKE THE NEXT STEP IN YOUR CAREER AND YOUR EDUCATION

|   |  |
|---|--|
| <h2>Advance Through the Fire Department Chain of Command</h2>   | <h2>Gain the Skills and Experience That Employers Demand</h2>  |
| <p>Build your career from firefighter to driver/operator, lieutenant or captain, battalion chief, deputy chief, assistant chief, and even fire chief. Positions beyond battalion chief may require a bachelor's degree in fire science or a related field.</p>                | <p>This program is designed to teach you the following:</p> <ul style="list-style-type: none"> <li>• How building construction impacts firefighter safety, building codes, and fire prevention</li> <li>• The behavior of fire, including testing procedures used to determine fire resistance and flame spread</li> <li>• Firefighting strategy and tactics, including fire defense planning and the use of computer technology</li> <li>• Components of fire investigation and analysis, including fire dynamics, flame spread, and incident investigation</li> <li>• Analytical approaches to fire protection and investigation, such as scientific methods of inquiry and reasoning</li> <li>• The psychological effects of fire dynamics</li> </ul> |
| <h2>Build a Pathway to a Bachelor's or Master's Degree</h2>   |  |
| <p>The program prepares students with the foundation to pursue additional education. Once you earn your associate's degree credential, you can transfer it directly into your Purdue Global bachelor's, which includes an accelerated master's degree option.<sup>6</sup></p> |  |

## CURRICULUM

The courses focus on interagency coordination, fire incident command, and life safety education. The curriculum is reviewed and revised regularly by industry experts to ensure it reflects the most recent developments and technical advances in the field.

### MAJOR COURSES INCLUDE

- Human Relations in a Diverse Society
- Introduction to Fire and Emergency Services
- Fire Behavior and Combustion
- Building Construction for Fire Protection
- Fire Protection Hydraulics and Water Supply
- Fire Protection Systems
- Fire Prevention Practices
- Strategy and Tactics
- Principles of Emergency Services
- Occupational Safety and Health for Emergency Services
- Legal Aspects of Emergency Services

### PROGRAM DETAIL

- Credit Hours:** 90
- Program Length:** 1–2 years<sup>7</sup>
- Course Load:** 1–2 courses per term
- Terms:** 10 weeks long
- Start Dates:** Every 10 weeks
- Delivery:** 100% online

### ADDITIONAL PROGRAMS

- Associate of Applied Science in Public Safety and Security
- Bachelor of Science in Fire Science
- Bachelor of Science in Fire and Emergency Management
- Master of Science in Homeland Security and Emergency Management
- Master in Public Administration

# CAREER AND NETWORKING OPPORTUNITIES

## INDUSTRY OUTLOOK<sup>8</sup>

- Employment of **fire inspectors and investigators** is projected to grow faster than the average from 2016 to 2026.
- Job prospects for **firefighters** will also be good in that time frame. Having some postsecondary firefighter education should help enhance employment opportunities.

## CAREER PATHWAYS AND OUTCOMES<sup>9</sup>

### Roles

- Firefighter
- Fire inspector
- Fire investigator
- First line supervisor
- Fire protection sales agent

### Settings/Industries

- Fire stations/departments
- Police departments
- Private industry fields such as insurance companies

Note: Additional academy training and education may be required for firefighting or emergency management jobs.

## CAREER SERVICES

Our Career Specialists connect fire science students with job and networking opportunities and offer the following assistance:

- Career assessment/exploration
- Resume and cover letter review
- Interview preparation/mock interviews
- Portfolio development to showcase your skills
- Assistance in building an online presence
- Job search and networking support
- Virtual career fairs
- 24/7 online access to job openings and career development tools

## Purdue Global Is Accredited by The Higher Learning Commission

This accreditation covers all academic programs, all regional locations, and all programs provided via distance education. Contact the HLC at [HLCommission.org](http://HLCommission.org) or call 800-621-7440.

## Military Friendly

We offer reduced tuition rates for servicemembers, veterans, and spouses.

This accolade was awarded prior to the March 2018 purchase of Kaplan University by Purdue University and subsequent creation of Purdue University Global. Purdue Global cannot guarantee future accolades.



Contact an Admissions Advisor at **844-PURDUE-G** or visit **[www.PurdueGlobal.edu](http://www.PurdueGlobal.edu)**.

### IMPORTANT INFORMATION: PLEASE READ

For comprehensive consumer and gainful employment information, visit [Info.PurdueGlobal.edu](http://Info.PurdueGlobal.edu).

- 1 Purdue Global does not guarantee transferability of credit from any of these sources. See the University Catalog for Prior Learning Assessment policy.
- 2 Eligible family members include spouses, domestic partners, parents, siblings, and children. Must be an employee or member of an organization with which Purdue Global has an educational relationship. Contact an Admissions Advisor for details. May not be combined with grants, military tuition reductions, tuition vouchers, other discounts, Purdue Global Tuition Cap or ExcelTrack™ pricing.
- 3 No financial obligation beyond the application fee. Classes count toward a degree if satisfactorily completed. No credits are earned if the student withdraws during the introductory period (3 weeks for new qualifying undergraduate students), which begins day one of the first term. Students who choose to continue their studies at Purdue Global will need to meet specific requirements. Graduate programs not included. Additional terms may apply to international and non-U.S. citizen students. For further information, see the University Catalog.
- 4 Source: [www.timeshighereducation.com/student/best-universities/best-public-universities-united-states](http://www.timeshighereducation.com/student/best-universities/best-public-universities-united-states). Rankings apply to Purdue University West Lafayette and not to Purdue Global.
- 5 This testimonial was obtained by Kaplan University. Purdue University acquired Kaplan University in March 2018 and created Purdue University Global, which is following the same curriculum format and instructional delivery methods as developed and used by Kaplan University. The views and opinions expressed are those of the individual; student experiences may vary.
- 6 While many of Purdue University Global's degree programs are designed to prepare graduates to pursue continued education, the University cannot guarantee that students will be granted admission to any future programs.
- 7 Purdue Global online associate's degree students who graduated in the 2017–2018 academic year and applied eligible external (transfer, experiential, or credit by exam) credits earned an average of 45 credits or 4 terms toward their degree. This excludes undergraduate nursing students. Term estimates are based on completion of two 5- or 6-credit courses per term. Individual credits earned will vary. Please see the University Catalog for Purdue Global's Prior Learning Assessment policy. Source: Purdue Global Office of Records Analysis and Reporting.
- 8 Source: U.S. Department of Labor, Bureau of Labor Statistics, *Occupational Outlook Handbook*, Firefighters, Fire Inspectors. National long-term projections may not reflect local and/or short-term economic or job conditions, and do not guarantee actual job growth.
- 9 Purdue Global cannot guarantee employment or career advancement. In addition, job titles and responsibilities may vary from organization to organization.