

Applied Science

Linking Majors to Careers

APPLIED SCIENCE

For CPS Undergraduate Students

The Bachelor of Applied Science degree (BAS) available to CPS undergraduate students is a versatile degree. It allows students who have earned a community college Associate of Applied Science (A.A.S.) degree to further develop professional skills in writing, critical thinking, communication, leadership and management crucial to success in professional roles in the workplace. Typically, A.A.S. degrees focus on skilled and paraprofessional occupations. The BAS degree broadens the student's skills, thus increasing employability. Leadership development is a major skill focus for this degree creating the potential for success in a number of career areas such as social services, management, counseling, criminal justice, law enforcement and security, technical fields, and government.

SKILLS:

- Leadership and critical thinking
- Oral and written communication
- Research and written presentation skills
- Conflict management
- Technological management in a corporate, government or non-profit environment
- Ways to focus skill sets learned from the A.A.S. degree in the workplace

TIPS FOR SUCCESSFUL MOVEMENT INTO THE WORKPLACE:

1. Complete a specialization that augments the A.A.S. degree in areas such as Peace and Social Justice, Social Violence, Homeland Security and Disaster Response, or Practical Psychology.
2. Join and participate in a professional organization in a specialty area to meet others, continue professional development, and facilitate movement into a career field.
3. Complete an internship for credit to gain experience in a career area
4. Conduct information interviews with professionals in the field to gain insight on career paths and trends in the field.
5. Meet with a Career Services counselor to develop job search strategies, practice interviewing, or discuss career clarification and direction.

RELATED JOBS:

The Bachelor of Applied Science prepares students, with technical/scientific A.A.S. degrees, to take on positions emphasizing leadership and management. Therefore, job titles such as manager, supervisor, coordinator, or director will be found within the technical/scientific fields themselves. Examples would be, but are not limited to, “Manager, Hazardous Waste Materials”, “Fire Chief”, “Director, Community Policing”, “Emergency Management System Director”, “Logistics Manager”, “Transportation Planner”, “Construction Superintendent”, “Community Sign Language Interpreter”, or “Social Services Case Manager Supervisor”. For more information on similar job titles in applied science fields go to www.online.onetcenter.org or to a website for a professional association in an applied science field of interest.

USEFUL WEBSITES RELATED TO SELECTED APPLIED SCIENCE FIELDS:

American Society for Public Administration - www.aspanet.org
American Society of Criminology - www.asc41.com
Colorado Criminal Justice Association - www.ccja.net
Construction Management Association of America (CMAA) - www.cmaanet.org
Green Mechanical Council - www.greenmech.org
International Association of Fire Chiefs - www.iafc.org
International Association of Firefighters - www.iaff.org
Mechanical Contractors Association of America - www.mcaa.org
National Association of Emergency Medical Technicians - www.naemt.org
National Security Agency - www.nsa.gov
Registry of Interpreters for the Deaf - www.rid.org
World Association of Sign Language Interpreters - www.wasli.org