

CAREER PATHWAY TO DRONE PILOT/AERIAL MAPPER



CORE COURSES

- CNST 120- INTRO TO CONSTRUCTION
- CE 204- ENGINEERING GRAPHICS
- SURV 264- FUNDAMENTALS OF SURVEYING
- SURV 310- LEGAL ASPECTS OF SURVEYING
- CNST 211- CIVIL CNST MATERIALS & METHODS
- GEOG 202- NATURAL RESOURCES MGMNT & SUSTAINABILITY
- CNST 341- PLANS & SPECIFICATIONS
- GEOG 320- CARTOGRAPHY
- SURV 470- INTERNSHIP
- GEOG 321- QUANTITATIVE TECHNIQUES
- GEOG 322- AIR PHOTO INTERPRETATION
- SURV 482- ADV SURVEY SYSTEMS & SR ASSIGNMENT
- GEOG 418- GEOGRAPHIC INFORMATION SYSTEMS (GIS)
- GEOG 422- REMOTE SENSING
- SURV 484- SURVEY APPS & COMPS & SR ASSIGNMENT
- CNST 411- CONSTRUCTION CONTRACTS
- CNST 415- LAND DEVELOPMENT

TECHNICAL ELECTIVES

- SURV 481- COMPUTER MAPPING & APPLICATIONS
- SURV 485- GEOSPATIAL TECHNOLOGIES
- SURV 486- DRONE MAPPING & APPLICATIONS
- SURV 487- ROUTE GEOMETRICS & DESIGN
- SURV 495- HYDROGRAPHIC SURVEYING & APPLICATIONS



CAREER PATHWAY TO DRONE PILOT/AERIAL MAPPER



FUN FACTS

- Americans own the most drones!
- Estimates from retailers serving customers in the USA say that Americans bought more than 400,000 drones since they first became available.

MAIN DUTIES

- Fly drones/ aerial mapper
- They use the 3D models obtained from the images taken with the drone to build terrain model for mining, urban planning, and civil engineering prospects.

AVERAGE ANNUAL WAGE

- National - \$82,976
- Illinois - \$85,216
- Missouri - \$79,076

