

CAREER PATHWAY TO SURVEYING MANAGER/ BUSINESS OWNER



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 SURVEYING MANAGER/ BUSINESS OWNER



MAIN DUTIES

- **Oversee surveying projects and direct field crews on assigned projects**
- **Consult with clients and prepare contracts**
- **Business owners are involved with various aspects of the company's management.**

AVERAGE ANNUAL WAGE

Survey Manager-

- **National - \$108,430**
- **Illinois - \$95,534**
- **Missouri - \$98,886**

Business Owner-

- **National - \$103,695**
- **Illinois - \$100,346**
- **Missouri - \$107,576**



JOB SKILLS

Survey Manager & Business Owner

- **Leadership**
- **Communication**
- **Problem Solving**