CAREER PATHWAY TO DESIGN ENGINEER SURVEYOR

CORE

- 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 486- DRONE MAPPING & APPLICATIONS
- SURV 487- ROUTE GEOMETRICS & DESIGN
CAREER PATHWAY TO
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HELPFUL SKILLS

- GPS and Autocad
- Be able to understand vertical control and other survey data
- Be able to work as a team
- Be a good communicator

MAIN DUTIES

- Design, develop, and operate systems for collecting and analyzing spatial information about the land, the oceans, natural resources, and man-made features.

AVERAGE ANNUAL WAGE

- National - $68,880
- Illinois - $85,529
- Missouri - $62,000