

UCC CAREER PATHWAYS Drafting Technology

EARLY PATHWAYS

- Career Exploration
- Skill Competitions
- Informational Events

POINTS OF ENTRY

- College Now Program
- High School Graduate or GED
- Bridge Program
- General College Student
- Job Opportunity Basic Skills (JOBS)
- Unemployment Career Changer

DRAFTING TECHNICIAN CAREER PATHWAYS CERTIFICATE
 16 Credits
 Math 111 Algebra (4)
 CIV 112 CAD 1 (3)
 CIV 113 CAD II (3)
 CIV 116 CAD - Structural (3)
 ENGR 245 Engineering Graphics and Design (3)

DRAFTING TECHNOLOGY 1 YEAR CERTIFICATE
 + 29 Credits
 ENGR 111 - Intro to Engineering (3)
 ENGR 112 - Computer Problem Solv (3)
 CIV 114 - CAD - Civil 3D (3)
 CIV 134 - GIS I - (3)
 CIV 135 - GIS II - (3)
 MTH 112 - Elementary Functions (4)
 WR 121 - English Composition (3)
 Human Relations (3)
 CWE 161 Seminar (1)
 CWE Work Experience (3)

ENGINEERING TECHNOLOGY: CIVIL AAS DEGREE
 + 45 Credits
 CIV 215 - Contract Docs (3)
 CIV 225 - Municipal Engr (3)
 CIV 227 - On-site Systems (3)
 CIV 229 - Principles of Engr (3)
 CIV 261 - Fluid Mechanics (4)
 CIV 223 - Properties of Materials (4)
 SUR 161 - Surveying I (5)
 SUR 162 - Surveying II (5)
 SUR 163 - Surveying III (5)
 SUR 175 - Survey Plat & Comp (3)
 SUR 242 - Casdastre Survey (4)
 WR 122 or 227 - Technical Writing (3)
 For more program information:
 UCC
 website: www.umpqua.edu/Programs/Er

TRANSFER TO A 4 YEAR DEGREE PROGRAM AND BEYOND
 Surveying specific courses will transfer to the OIT Surveying and Geomatics Program. <http://www.oit.edu/provost/learningoutcomes/geomatics/surveying>
 Students planning to transfer to a 4 year program in Engineering should consider the A.S. Engineering Transfer Program at UCC. Transfer students can take the majority of lower division courses required to transfer to nearly all branches of engineering (civil, mechanical, electrical, etc.) at Oregon State Univ. (<http://engr.oregonstate.edu/>), Oregon Institute of Technology, (<http://www.oit.edu/programs/civil/>) and Portland State University (<http://www.cee.pdx.edu/>) by selecting relevant transfer courses.

CAREER OPPORTUNITIES
Drafting Technician I
 Salary Range: \$10.00 - \$20.00 per hour
 OLMIS Link for more information on skills, wages, and job openings in Douglas County and statewide.
www.qualityinfo.org/olmisj/O

CAREER OPPORTUNITIES
Drafting Technician II
 Salary Range: \$12.00 - \$28.00 per hour
 OLMIS Link for more information on skills, wages, and job openings in Douglas County and statewide.
www.qualityinfo.org/olmisj/OI

CAREER OPPORTUNITIES
Civil Engineering Technician
Surveying and Mapping Technician
 Salary Range: \$16.00 - \$30.00 per hour
 OLMIS Link for more information on skills, wages, and job openings in Douglas County and statewide.
www.qualityinfo.org/olmisj/OIC

CAREER OPPORTUNITIES
Engineers
Surveyors
 Salary Range: \$26.75 - 41.61 per hour
 OLMIS Link for more information on skills, wages, and job openings in Douglas County and statewide.
<http://www.qualityinfo.org/olmi:areacode=4105000006&rptype=>