

STEM-related occupations, fast-growing in CT

STEM (science, technology, engineering, and mathematics) -related occupations including those that are able to be serviced within a standard science classroom or laboratory environment; have 300 or more current positions in Connecticut; faster (or much faster) than average expected annual growth (through 2020); and are related to STEM.

- 1) growth occupations that we can service
 - a) biological technicians
 - b) chemists
 - c) engineers (biomedical, environmental, materials, operations or construction)
 - d) operations research analysts
 - e) statisticians
 - f) electricians
 - g) hazardous materials management
 - h) industry-specific occupations
 - i) manufacturing
 - 1) extrusion & drawing machine setters and operators
 - 2) industrial machinery mechanics
 - 3) medical equipment repair
 - ii) health-care
 - 1) pharmacists
 - 2) pharmacy technicians
 - 3) clinical laboratory technicians and managers
 - 4) medical scientists
- 2) growth occupations that will be difficult to service
 - a) aircraft assemblers
 - b) computer controlled machine operators
 - c) computer systems developers, analysts, administrators
 - d) surveyors

references consulted

- 1) Connecticut Economic Digest (Sept. '14): long-term industry and occupational projections (2012-2022). <http://www1.ctdol.state.ct.us/lmi/digest/pdfs/cedsep14.pdf>
- 2) Connecticut Department of Labor (industry and occupation statistics): <http://www1.ctdol.state.ct.us/lmi/careerpaths.asp>
- 3) Connecticut Career Paths: projections through 2020 including education and training, wages, and estimated annual openings for career clusters and specific occupations therein. Note that later this year, the CT DOL will issue updated projections. <http://www1.ctdol.state.ct.us/lmi/pubs/ConnecticutCareerPaths2013.pdf>