

Industrial Technology Outreach Programs

Degree Requirements

University Core Curriculum

English Composition I	3 sem hrs
English Composition II	3 sem hrs
Speech	3 sem hrs
Biology	3 sem hrs
Social Science	6 sem hrs
Fine Arts	3 sem hrs
Humanities	6 sem hrs
Health	2 sem hrs
Multicultural	3 sem hrs
Interdisciplinary	3 sem hrs

Departmental Requirements

College Algebra & Trig	4 sem hrs
Physics I + lab	4 sem hrs
Physics II + lab	4 sem hrs
IT 240 First-Line Supervision	3 sem hrs
IT 307 Applied Calculus	3 sem hrs

Manufacturing Specialization

IT 110 Geometric Dimensioning & Tolerancing	3 sem hrs
IT 208 Manufacturing Processes	3 sem hrs
IT 305 Industrial Safety	3 sem hrs
IT 375 Production & Inventory Control / IT 494d Applied Project	3 sem hrs
IT 382 Motion & Time Study	3 sem hrs
IT 390 Cost Estimating	3 sem hrs
IT 392 Facilities Planning / IT 494c Applied Project	3 sem hrs
IT 445 Computer-Aided Manufacturing	3 sem hrs
IT 450 Project Management I	3 sem hrs
IT 465 Lean Manufacturing	3 sem hrs
IT 470A Six Sigma Green Belt I	3 sem hrs
IT 470B Six Sigma Green Belt II	3 sem hrs

Technical Electives

IT 480 Six Sigma Black Belt	3 sem hrs
IT 494a Motion & Time Applied Project	1 sem hrs
IT 494c Facilities Planning Applied Project	1 sem hrs
IT 494d Production & Inventory Control Applied Project	1 sem hrs

Senior Institution Hours	60 sem hrs
Technical Electives	24 sem hrs

*IT courses will provide 48 hours

***Lacking Senior hours or Technical Elective credits may possibly be received through work experience via resume**