

Example Industrial Engineering Capstone Design Projects - 2017

GE Oil & Gas – Radial dimensional stack-up analysis

Regional Food Bank – Warehouse SOP and standard design

United Parcel Service – Reduction of congestion on the Air Dock

Johnson Controls – material flow into and out of warehouse

Hitachi Systems – “Dead-man” brake systems

Norman Regional Hospital – Pre-surgical admission process improvement

FAA – Flight inspection process improvement

Tinker Air Force Base – Control humidity in multiple facilities

GE Oil & Gas – Stator build process lean-out

Johnson Controls – Traffic flow for in-bound and out-bound shipments

Williams Corporation – Cherwell (software application) process conversion and sunset

Sabre Corporation – Analysis and definition of default implementation configurations

FAA – User friendly interface to optimization models

GE Oil & Gas – Process documentation and lean-out

Claims Resource Management – Process mapping and improvement for arbitration referrals

FAA – Selection of training management software and transition planning

Tinker Air Force Base – Paint booth/hangar pressure drop electronic monitoring