Fast Track equivalencies

Chemical Engineering Program

Graduate Course	Undergraduate course
CHEN 5334 Biochemical Engineering	CHEN 4311 Biochemical Engineering
CHEN 5333 Chemical & Catalytic Reactor Engineering	CHEN 4373 Chemical Reactor Engineering
CHEN 5309 Separation Process	

Computer Science Program

Graduate Course	Undergraduate Course
CSEN 5314 Database Systems	CSEN 3314 Database Systems
CSEN 5322 Operating systems	CSEN 4362 Operating Systems
CSEN 5323 Computer Comm Networks	CSEN 4320 Computer Networks

Electrical Engineering Program

Graduate Course	Undergraduate Course
EEEN 5304 Adv Computer Architecture	EEEN 4344 Computer Architecture and Design
EEEE 5333 Prin of VLSI Circuit Design	EEEE 4310 Intro to VLSI Circuit Design
MHEN 5371 Mechatronic Systems or EEEN 5303 Mechatronic Systems	EEEN 4336 Mechatronics
MHEN 5373 Embedded Mechatronic Sys or EEEN 5339 Embedded System Design	EEEN 4358 Embedded Systems or EEEN 4336 Embedded Systems
EEEN 5303 Nonlinear Systems	Nonlinear Systems
EEEN 5303 Intro Plasma Phys and Eng	EEEN 4336 Intro Plasma Phys and Eng
	EEEN 4336 Electromech Dyn and Stability

Industrial Engineering Program

Graduate Course	Undergraduate Course
IEEN 5335 Lean Manufacturing	MEEN 4372 Resource Optimization for DHS