

IE Tech Elective List

The following list applies to ALL catalog years. Choose 3 courses (9ch) -at least one must be IE course (3ch)

IE3699 Engineering Practice IE4426 Distributed Information Systems IE4427 eCommerce Engineering IE4462 Safety IE4465 Biomechanics IE4466 Human Computer Interaction IE4485 Systems Integration IE4540 Reliability Engineering IE4785 Special Topics	ACCT3121 Cost Analysis and Control ACCT3233 Internal Auditing I [IA] ACCT4121 Advanced Cost Analysis ACCT4234 Internal Auditing II [IA] BLAW 3201 Business Law [TECHS] CM1102 Construction Plan Reading CM2101 Construction Materials and Methods CM2102 Construction Equipment CM 2103 Construction Materials and Methods II CM 2501 Structural Principals and Practices CM 2215 Construction Safety CM3111 Construction Estimating CM4101 Construction Scheduling and Cost Control CM4206 Special Topics In Construction Management CM 4211 Construction Contracting ECON4320 Env Economics ECON4421 Health Care Economics ECON4400 Industrial Organization and Public Policy ENTR 3111 Entrepreneurship ENTR4702 Managing Technology Transfer ENVS4149 Design of Environmental Management Systems ENVS4262 Environmental Hazards Analysis ENVS4500 Health Effects of Environmental Pollutants EMS3040 Applied Environmental Management EMS3050 Environmental Regulations and Compliance EMS4020 Quantitative Risk Assessment FIN3715 Business Finance [BADM] ISDS4111 Enterprise Systems ISDS4112 Data Warehousing ISDS4168 Supply Chain Management KIN3514 Biomechanical Basis of Kinesiology ME3333 Thermodynamics ME4673 Intro to Modern Control Theory ME4683 Sensors & Actuators ME4733 Deformation /Fracture of Engineering Materials ME4763 Fundamentals of Corrosion Science MGT 3200 Principles of Management [BADM] [TECHS] MGT 4500 Introduction to Labor Relations MGT 3512 Public Sector Labor Relations MGT 3513 Negotiation and Dispute Resolution MGT 4620 Human Behavior in Organizations MKT 3401 Principles of Marketing [BADM] [ENT] [TECHS] MKT 3431 Retailing Management MKT 4500 Entrepreneurial Marketing & Sales [ENT] PSYC3050 Introduction to Personnel and Industrial Psychology PSYC4034 Physiological Psychology RNR4036 Forest Management RNR4038 Forest Resource Economics
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SQUARE BRACKETS INDICATE IF COURSE COUNTS TOWARDS MINOR Business Administration [BADM], Technical Sales [TECHS], Internal Audit [IA], Disaster Science & Management [DSM], and Entrepreneurship [ENT] minors shown)

NOTES CONCERNING COURSES ON RIGHT:

- 3ch of ROTC may be substituted for 1 GROUP B elective.
- Many of these courses have non-IE/engineering pre or co-requisite requirements which you may not have taken. In some cases, the prerequisites are required towards minors you may be interested in pursuing (Business, Disaster Science, etc). If you do not have the pre/co-requisite course exactly, but believe you have the appropriate background from your IE or engineering coursework, check with the professor for permission to take the course.
- The inclusion of courses on this list does not guarantee that the courses will be taught or that you will be allowed by the respective departments to take the courses (for instance, if you don't have the required prerequisites or a department decides to limit enrollment only to its own majors).