

**FRANK H. DOTTERWEICH COLLEGE OF ENGINEERING
MINOR CHECK OUT FORM**

NAME: _____ K# _____
 MAJOR: _____ EXPECTED GRADUATION DATE: _____

Please check all minors that student is obtaining:

Math Physics Chemistry
 Computer Science Nuclear Engineering Security Engineering
 BUAD Other (Please list): _____

For each minor checked above, please note the letter grade that you received in that course. If you are currently enrolled for that course, please note an IP.

REQUIREMENTS FOR MINOR IN MATHEMATICS: 18 hours, with six or more advanced (3000 or 4000) hours. Advanced hours may not be transferred as 2000 level courses. Test credit counts. Statistics does not count. Check all courses for which student received a passing grade:

MATH 1314 MATH 1316 MATH 1348
 MATH 2413 MATH 2414 MATH 3320
 MATH 3415 MATH 4341 OTHER: _____

TOTAL #HOURS TAKEN FOR MATH MINOR: _____

REQUIREMENTS FOR MINOR IN PHYSICS: PHYS 2325/2125, 2326/2126 and 3343 are required, plus additional PHYS courses to total 18-24 semester hours. At least three of the additional hours must be advanced (3000 or 4000). Prospective PHYS minors should consult with their adviser and physics faculty to identify courses. Check all courses for which student received a passing grade:

PHYS 2325/2125 PHYS 2326/2126 PHYS 3343
 PHYS _____ PHYS _____ PHYS _____

TOTAL #HOURS TAKEN FOR PHYS MINOR: _____

REQUIREMENTS FOR MINOR IN CHEMISTRY: Minimum of 24 hours (or six 3 or 4 credit hours courses) excluding CHEM 1405, 1407, 1481. CHEM 2421 and CHEM 3323/3123 may not both be counted for the minimum number of hours. List all courses for which student has received a passing grade:

CHEM 1311/1111 CHEM 1312/1112 CHEM _____
 CHEM _____ CHEM _____ CHEM _____
 CHEM _____ CHEM _____ CHEM _____

TOTAL #HOURS TAKEN FOR CHEMISTRY MINOR: _____

REQUIREMENTS FOR A MINOR IN BUSINESS ADMINISTRATION: A minor consists of 18 credit hours. Check all courses for which student has received a passing grade:

Nine credit hours selected from:

ACCT 2301 ECON 2301 ISYS 2302

Nine additional hours selected from (two must be 3000 or 4000 level):

ACCT 2302 BCOM 2206 BCOM 2207
 BUAD 2374 BUAD 3211 BUAD 3335
 ECON 2302 FINC 2331 MGMT 2210
 MGMT 3312 MGMT 3322 MKTG 3324

TOTAL #HOURS TAKEN FOR BUAD MINOR: _____

REQUIREMENTS FOR MINOR IN COMPUTER SCIENCE: 18 hours, with six or more advanced (3000 or 4000) hours. Check all courses for which student received a passing grade:

Required courses:

CSEN 2304 CSEN 2306 CSEN 2310
 CSEN 4316

Two advanced courses selected from (other choices must be approved by EE/CS chair):

CSEN 4314 CSEN 4315 CSEN 4317
 CSEN 4320 CSEN 4340 CSEN 4362
 CSEN 4366

TOTAL #HOURS TAKEN FOR COMPUTER SCIENCE MINOR: _____

REQUIREMENTS FOR MINOR IN NUCLEAR ENGINEERING: Minimum of 18 hours and must select 3 courses from each of the following groups. Check courses for which a student received a grade of "C" or better:

Three courses selected from:

MEEN 3398 MEEN 4395 MEEN 4396
 MEEN 4397 EVEN 3399

Three courses selected from (please circle correct course title if applicable):

MEEN/CHEN 3347 MEEN 3348/CHEN 3310 MEEN 4344
 MEEN / CHEN 3392 CEEN 3311 EEEN 3331

TOTAL #HOURS TAKEN FOR NUCLEAR ENGINEERING MINOR: _____

REQUIREMENTS FOR MINOR IN SECURITY ENGINEERING: Must complete 3 of the courses listed below. *To receive the scholarship*, must complete 4 of the courses listed below, maintain a 3.3 or higher GPA, be a U.S. Citizen, and work at least 1 year for DHS related industries or go to graduate school. Check all courses for which student received a grade of "C" or better:

MEEN 4373 MEEN 4372 MEEN 4371
 EEEN 4357 CSEN 4367

TOTAL #HOURS TAKEN FOR SECURITY ENGINEERING MINOR: _____

Student must see Dr. Ozcelik.

REQUIREMENTS FOR FACILITY MANAGEMENT CERTIFICATE: Minimum of 12 hours, with a minimum of 9 hours **in addition** to coursework for bachelor's degree. Engineering majors must take two courses from outside the College of Engineering. Non-majors must take two courses from within the College of Engineering. AEEN 33XX is required. Other courses may be petitioned for and approved by certificate coordinator. Check all courses for which student received a passing grade:

AEEN 33XX (Required) AEEN 3325 AEEN 4310
 AEEN 4336 ITEN 2330 ITEN 4332
 ACCT 2301 BLAW 3341 ECON 2301
 FINC 3337 MGMT 3323 PHIL 3311
 Other (Please list): _____

TOTAL #HOURS TAKEN FOR FACILITY MANAGEMENT CERTIFICATE: _____

Student must see Mr. Glusing.