



Memorandum

To: The Faculty of the College of Engineering

From: Environmental and Ecological Engineering

Date: November 19, 2024

Re: Fast track EFD 70-25

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Courses: EEE 23000, EEE 35000, EEE 36000, EEE 36001, EEE 38000, EEE 38500

Reason: The CHM prerequisites have changed. The same change will be made to all of the courses listed above. Please see the old prerequisites and the new prerequisites on the following pages. The changes are highlighted in yellow.

A handwritten signature in black ink that reads "John W. Sutherland".

John W. Sutherland  
Professor and Fehsenfeld Family Head

## EEE 23000

### Old prerequisites

CHM-Chemistry	11200	Undergraduate D-		
Or		CHM-Chemistry	11600	Undergraduate D-
Or		CHM-Chemistry	13600	Undergraduate D-
Or		CHM-Chemistry	12600	Undergraduate D-
Or		CHM-Chemistry	12400	Undergraduate D-
Or		CHM-Chemistry	12901	Undergraduate D-
Or (		CHEM-Chemistry	C1220	Undergraduate D-
And		CHEM-Chemistry	C1020	Undergraduate D- )
Or (		CHEM-Chemistry	C1060	Undergraduate D-
And		CHEM-Chemistry	C1260	Undergraduate D- )
And (		MA-Mathematics	16200	Undergraduate D-
Or		MA-Mathematics	16600	Undergraduate D-
Or		MATH-Mathematics	16600	Undergraduate D-
Or		MA-Mathematics	17300	Undergraduate D-
Or		MATH-Mathematics	16400	Undergraduate D-
Or		MA-Mathematics	22200	Undergraduate D-
Or		MA-Mathematics	22400	Undergraduate D-
Or		MA-Mathematics	16020	Undergraduate D-
Or		MA-Mathematics	16400	Undergraduate D-
Or		MA-Mathematics	16900	Undergraduate D-
Or		MA-Mathematics	18100	Undergraduate D- )
And (		ENGR-Engineering	16200	Undergraduate D-
Or		PHYS-Physics	17200	Undergraduate D-
Or		PHYS-Physics	22000	Undergraduate D-
Or		PHYS-Physics	15200	Undergraduate D-
Or		PHYS-Physics	23300	Undergraduate D- )

### New prerequisites

CHM 11200 FOR LEVEL UG WITH MIN. GRADE OF D- (MAY BE TAKEN CONCURRENTLY) OR CHM 11600 FOR LEVEL UG WITH MIN. GRADE OF D- (MAY BE TAKEN CONCURRENTLY) OR (CHM 11610 AND CHM 11620 OR CHM 11630) FOR LEVEL UG WITH MIN. GRADE OF D- (MAY BE TAKEN CONCURRENTLY) OR CHM 13600 FOR LEVEL UG WITH MIN. GRADE OF D- (MAY BE TAKEN CONCURRENTLY) OR CHM 12600 FOR LEVEL UG WITH MIN. GRADE OF D- (MAY BE TAKEN CONCURRENTLY) OR CHM 12400 FOR LEVEL UG WITH MIN. GRADE OF D- (MAY BE TAKEN CONCURRENTLY) OR CHM 12901 FOR LEVEL UG WITH MIN. GRADE OF D- (MAY BE TAKEN CONCURRENTLY) OR (CHEM C1220 FOR LEVEL UG WITH MIN. GRADE OF D- AND CHEM C1020 FOR LEVEL UG WITH MIN. GRADE OF D-) OR (CHEM C1060 FOR LEVEL UG WITH MIN. GRADE OF D- AND CHEM C1260 FOR LEVEL UG WITH MIN. GRADE OF D-) AND (MA 16200 FOR LEVEL UG WITH MIN. GRADE OF D- OR MA 16600 FOR LEVEL UG WITH MIN. GRADE OF D- OR MATH 16600 FOR LEVEL UG WITH MIN. GRADE OF D- OR MA 17300 FOR LEVEL UG WITH MIN. GRADE OF D- OR MATH 16400 FOR LEVEL UG WITH MIN. GRADE OF D- OR MA 22200 FOR LEVEL UG WITH MIN. GRADE OF D- OR MA 22400 FOR LEVEL UG WITH MIN. GRADE OF D- OR MA 16020 FOR LEVEL UG WITH MIN. GRADE OF D- OR MA 16400 FOR LEVEL UG WITH MIN. GRADE OF D- OR MA 16900 FOR LEVEL UG WITH MIN. GRADE OF D- OR MA 18100 FOR LEVEL UG WITH MIN. GRADE OF D-) AND (ENGR 16200 FOR LEVEL UG WITH MIN. GRADE OF D- OR PHYS 17200 FOR LEVEL UG WITH MIN. GRADE OF D- OR PHYS 22000 FOR LEVEL UG WITH MIN. GRADE OF D- OR PHYS 15200 FOR LEVEL UG WITH MIN. GRADE OF D- OR PHYS 23300 FOR LEVEL UG WITH MIN. GRADE OF D-)

## EEE 35000

### Old prerequisites

(	MA-Mathematics	16200	Undergraduate	D-
Or	MA-Mathematics	16600	Undergraduate	D-
Or	MATH-Mathematics	16600	Undergraduate	D-
Or	MA-Mathematics	17300	Undergraduate	D-
Or	MATH-Mathematics	16400	Undergraduate	D-
Or	MA-Mathematics	22200	Undergraduate	D-
Or	MA-Mathematics	22400	Undergraduate	D-
Or	MA-Mathematics	16020	Undergraduate	D-
Or	MA-Mathematics	16400	Undergraduate	D-
Or	MA-Mathematics	16900	Undergraduate	D-
Or	MA-Mathematics	18100	Undergraduate	D-
And (	CHM-Chemistry	11200	Undergraduate	D-
Or	CHM-Chemistry	11600	Undergraduate	D-
Or	CHM-Chemistry	13600	Undergraduate	D-
Or	CHM-Chemistry	12600	Undergraduate	D-
Or	CHM-Chemistry	12400	Undergraduate	D-
Or	CHM-Chemistry	12901	Undergraduate	D-
Or (	CHEM-Chemistry	C1220	Undergraduate	D-
And	CHEM-Chemistry	C1020	Undergraduate	D-
Or (	CHEM-Chemistry	C1060	Undergraduate	D-
And	CHEM-Chemistry	C1260	Undergraduate	D-
And (	ENGR-Engineering	16200	Undergraduate	D-
Or	PHYS-Physics	17200	Undergraduate	D-
Or	PHYS-Physics	22000	Undergraduate	D-
Or	PHYS-Physics	15200	Undergraduate	D-
Or	PHYS-Physics	23300	Undergraduate	D-

### New prerequisites

(MA 16200 FOR LEVEL UG WITH MIN. GRADE OF D- OR MA 16600 FOR LEVEL UG WITH MIN. GRADE OF D- OR MATH 16600 FOR LEVEL UG WITH MIN. GRADE OF D- OR MA 17300 FOR LEVEL UG WITH MIN. GRADE OF D- OR MATH 16400 FOR LEVEL UG WITH MIN. GRADE OF D- OR MA 22200 FOR LEVEL UG WITH MIN. GRADE OF D- OR MA 22400 FOR LEVEL UG WITH MIN. GRADE OF D- OR MA 16020 FOR LEVEL UG WITH MIN. GRADE OF D- OR MA 16400 FOR LEVEL UG WITH MIN. GRADE OF D- OR MA 16900 FOR LEVEL UG WITH MIN. GRADE OF D- OR MA 18100 FOR LEVEL UG WITH MIN. GRADE OF D-) AND (CHM 11200 FOR LEVEL UG WITH MIN. GRADE OF D- OR CHM 11600 FOR LEVEL UG WITH MIN. GRADE OF D- OR (CHM 11610 AND CHM 11620 OR CHM 11630) FOR LEVEL UG WITH MIN. GRADE OF D- OR CHM 13600 FOR LEVEL UG WITH MIN. GRADE OF D- OR CHM 12600 FOR LEVEL UG WITH MIN. GRADE OF D- OR CHM 12400 FOR LEVEL UG WITH MIN. GRADE OF D- OR CHM 12901 FOR LEVEL UG WITH MIN. GRADE OF D-) OR (CHEM C1220 FOR LEVEL UG WITH MIN. GRADE OF D- AND CHEM C1020 FOR LEVEL UG WITH MIN. GRADE OF D-) OR (CHEM C1060 FOR LEVEL UG WITH MIN. GRADE OF D- AND CHEM C1260 FOR LEVEL UG WITH MIN. GRADE OF D-) AND (ENGR 16200 FOR LEVEL UG WITH MIN. GRADE OF D- OR PHYS 17200 FOR LEVEL UG WITH MIN. GRADE OF D- OR PHYS 22000 FOR LEVEL UG WITH MIN. GRADE OF D- OR PHYS 15200 FOR LEVEL UG WITH MIN. GRADE OF D- OR PHYS 23300 FOR LEVEL UG WITH MIN. GRADE OF D-)

### EEE 36000

#### Old prerequisites

	CHM-Chemistry	11200	Undergraduate D-
Or	CHM-Chemistry	11600	Undergraduate D-
Or	CHM-Chemistry	13600	Undergraduate D-
Or	CHM-Chemistry	12600	Undergraduate D-
Or	CHM-Chemistry	12400	Undergraduate D-
Or	CHM-Chemistry	12901	Undergraduate D-
Or (	CHEM-Chemistry	C1220	Undergraduate D-
And	CHEM-Chemistry	C1020	Undergraduate D- )
Or (	CHEM-Chemistry	C1060	Undergraduate D-
And	CHEM-Chemistry	C1260	Undergraduate D- )

#### New prerequisites

CHM 11200 FOR LEVEL UG WITH MIN. GRADE OF D- OR CHM 11600 FOR LEVEL UG WITH MIN. GRADE OF D- OR (CHM 11610 AND CHM 11620 OR CHM 11630) FOR LEVEL UG WITH MIN. GRADE OF D- OR CHM 13600 FOR LEVEL UG WITH MIN. GRADE OF D- OR CHM 12600 FOR LEVEL UG WITH MIN. GRADE OF D- OR CHM 12400 FOR LEVEL UG WITH MIN. GRADE OF D- OR CHM 12901 FOR LEVEL UG WITH MIN. GRADE OF D- OR (CHEM C1220 FOR LEVEL UG WITH MIN. GRADE OF D- AND CHEM C1020 FOR LEVEL UG WITH MIN. GRADE OF D-) OR (CHEM C1060 FOR LEVEL UG WITH MIN. GRADE OF D- AND CHEM C1260 FOR LEVEL UG WITH MIN. GRADE OF D-)

### EEE 36001

#### Old prerequisites

(	CE-Civil Engineering	35000	Undergraduate D-
Or	EEE-Environ & Ecological Engr	35000	Undergraduate D- )
And (	CHM-Chemistry	11200	Undergraduate D-
Or	CHM-Chemistry	11600	Undergraduate D-
Or	CHM-Chemistry	12400	Undergraduate D-
Or	CHM-Chemistry	12600	Undergraduate D-
Or	CHM-Chemistry	12901	Undergraduate D-
Or	CHM-Chemistry	13600	Undergraduate D- )
Or (	CHEM-Chemistry	C1020	Undergraduate D-
And	CHEM-Chemistry	C1220	Undergraduate D- )
Or (	CHEM-Chemistry	C1060	Undergraduate D-
And	CHEM-Chemistry	C1260	Undergraduate D- )

#### New prerequisites

(CE 35000 FOR LEVEL UG WITH MIN. GRADE OF D- OR EEE 35000 FOR LEVEL UG WITH MIN. GRADE OF D-) AND (CHM 11200 FOR LEVEL UG WITH MIN. GRADE OF D- OR CHM 11600 FOR LEVEL UG WITH MIN. GRADE OF D- OR (CHM 11610 AND CHM 11620 OR CHM 11630) FOR LEVEL UG WITH MIN. GRADE OF D- OR CHM 12400 FOR LEVEL UG WITH MIN. GRADE OF D- OR CHM 12600 FOR LEVEL UG WITH MIN. GRADE OF D- OR CHM 12901 FOR LEVEL UG WITH MIN. GRADE OF D- OR CHM 13600 FOR LEVEL UG WITH MIN. GRADE OF D-) OR (CHEM C1020 FOR LEVEL UG WITH MIN. GRADE OF D- AND CHEM C1220 FOR LEVEL UG WITH MIN. GRADE OF D-) OR (CHEM C1060 FOR LEVEL UG WITH MIN. GRADE OF D- AND CHEM C1260 FOR LEVEL UG WITH MIN. GRADE OF D-)

EEE 38000

Old prerequisites

	CHM-Chemistry	11200	Undergraduate D-
Or	CHM-Chemistry	11600	Undergraduate D-
Or	CHM-Chemistry	13600	Undergraduate D-
Or	CHM-Chemistry	12600	Undergraduate D-
Or	CHM-Chemistry	12400	Undergraduate D-
Or	CHM-Chemistry	12901	Undergraduate D-
Or (	CHEM-Chemistry	C1220	Undergraduate D-
And	CHEM-Chemistry	C1020	Undergraduate D- )
Or (	CHEM-Chemistry	C1060	Undergraduate D-
And	CHEM-Chemistry	C1260	Undergraduate D- )
And	MA-Mathematics	26100	Undergraduate D-
Or	MA-Mathematics	26300	Undergraduate D-
Or	MATH-Mathematics	26100	Undergraduate D-

New prerequisites

CHM 11200 FOR LEVEL UG WITH MIN. GRADE OF D- OR CHM 11600 FOR LEVEL UG WITH MIN. GRADE OF D- OR (CHM 11610 AND CHM 11620 OR CHM 11630) FOR LEVEL UG WITH MIN. GRADE OF D- OR CHM 13600 FOR LEVEL UG WITH MIN. GRADE OF D- OR CHM 12600 FOR LEVEL UG WITH MIN. GRADE OF D- OR CHM 12400 FOR LEVEL UG WITH MIN. GRADE OF D- OR CHM 12901 FOR LEVEL UG WITH MIN. GRADE OF D- OR (CHEM C1220 FOR LEVEL UG WITH MIN. GRADE OF D- AND CHEM C1020 FOR LEVEL UG WITH MIN. GRADE OF D-) OR (CHEM C1060 FOR LEVEL UG WITH MIN. GRADE OF D- AND CHEM C1260 FOR LEVEL UG WITH MIN. GRADE OF D-) AND MA 26100 FOR LEVEL UG WITH MIN. GRADE OF D- OR MA 26300 FOR LEVEL UG WITH MIN. GRADE OF D- OR MATH 26100 FOR LEVEL UG WITH MIN. GRADE OF D-

## EEE 38500

### Old prerequisites

(	AGRY-Agronomy	25500	Undergraduate D-	
Or	NRES-Natural Res & Environ Sci	25500	Undergraduate D-	)
Or	AGRY-Agronomy	27000	Undergraduate D-	)
And (	CHM-Chemistry	11200	Undergraduate D-	)
Or	CHM-Chemistry	11600	Undergraduate D-	)
Or	CHM-Chemistry	12400	Undergraduate D-	)
Or	CHM-Chemistry	12600	Undergraduate D-	)
Or	CHM-Chemistry	13600	Undergraduate D-	)
Or (	CHEM-Chemistry	C1020	Undergraduate D-	)
And	CHEM-Chemistry	C1220	Undergraduate D-	)
Or (	CHEM-Chemistry	C1060	Undergraduate D-	)
And	CHEM-Chemistry	C1260	Undergraduate D-	)
)				

### New prerequisites

(AGRY 25500 FOR LEVEL UG WITH MIN. GRADE OF D- OR NRES 25500 FOR LEVEL UG WITH MIN. GRADE OF D- OR AGRY 27000 FOR LEVEL UG WITH MIN. GRADE OF D-) AND (CHM 11200 FOR LEVEL UG WITH MIN. GRADE OF D- OR CHM 11600 FOR LEVEL UG WITH MIN. GRADE OF D- OR **CHM 11610 AND CHM 11620 OR CHM 11630**) FOR LEVEL UG WITH **MIN. GRADE OF D-** OR CHM 12400 FOR LEVEL UG WITH MIN. GRADE OF D- OR CHM 12600 FOR LEVEL UG WITH MIN. GRADE OF D- OR CHM 13600 FOR LEVEL UG WITH MIN. GRADE OF D- OR (CHEM C1020 FOR LEVEL UG WITH MIN. GRADE OF D- AND CHEM C1220 FOR LEVEL UG WITH MIN. GRADE OF D-) OR (CHEM C1060 FOR LEVEL UG WITH MIN. GRADE OF D- AND CHEM C1260 FOR LEVEL UG WITH MIN. GRADE OF D-) )