

Mechanical Engineering Technical Electives, Professional Electives³, and MechSE Electives*

Subject	Approved Electives
AE	352,402,403,410,412,416,419,420,427,428,433,434,442,443,451,454,456,460,461,482,483, 497 ¹ ,498 ²
ABE	420,430 ³ ,436,445,455,456,459,463,466,469,474,476,483,488,489,497 ¹ ,498 ²
BIOC	406,440,446,455
BIOE	380,414,415,416,461,473,476,479,481,482,497 ¹ ,498 ²
BIOP	401,419,432
CHBE	422,424,451,452,453,456,457,471,472,473,474,475,476
CHEM	232,233,236,237,312,315,317,332,420,436,437,438,440,442,444,445,447,450,451,460,472,474,480, 482,483,488,497 ¹
CEE	310,330,340,350,360,380,398 ¹ ,401,405,406,407,408,409,410,411,412,415,416,417 ³ ,418,420,421,422, 424,430,434,437,438,440,442,443,444,445,446,447,449,450,451,452,453,457,458,460,461,462,463, 465,467,468,469,470,471,472,480,483,484,491,497 ¹ ,498 ²
CS	225,233,241,242,357,374,410,411,412,413,414,418,419,420,421,422,423,424,425,426,427,428,429, 431,433,436,438,439,440,445,446,447,450,457,460,461,463,465,466,467,468 ³ ,473,475,476,477,481, 483,484,498 ²
CSE	401,402,412,441,450,451,461
ECE	329,330,333,340,342,343,380,385,395,401,402,403,408,411,412,414,415,416,417,418,419,420,422, 424,425,428,431,432,435,437,438,439,441,444,447,448,451,452,453,454,455,456,457,458,459,460, 462,463,464,465,466,467,468,469,470,472,473,476,478,480,481,482,483,484,485,486,487,488,489, 490,491,492,493,495,498 ²
ECON	302 ³
ENG	461 ³
SE	402,411,412,413,420,422,423,424,450 ³ ,462 ³ ,497 ¹ ,498 ²
IE	310,311,330,340,360,410,411,412,413,420,430,431,445 ³ ,497 ¹ ,498 ²
MATH	347,357,403,409,412,413,414,417,418,423,424,425,427,428 ² ,432,442,444,446,447,448,450,453,464, 469,471,472,473,475,476,478,479,481,482,484,487,488,489, 490 ² ,492 ¹
MCB	401,402,403,404,450,493 ²
ME*	All 400-level classes, except 470. Note: 497 ¹ ,498
MSE	304,307,308,401,402,403,405,406,420,421,422,423,440,441,442,443,445,450,452,453,454,455,456, 457,458,460,461,462,466,470,472,473,474,480,481,484,485,487,488,489,497 ¹ ,498 ²
NPRE	402,412,421,423,429,431,435,441,442,444,446,447,448,451,455,457,461,470,475,498 ²
PHYS	330,401,402,403,404,406, 427,435,436,460,466,470,475,485,486,487,496 ³ , 497 ¹ ,498 ²
STAT	410,420,424,425,426,428,429,430 ² ,440,443 ³ ,448,458,466,480
TAM*	All 400-level classes, except 499. Note: 497 ¹ , 498
TMGT	460,461
TE	461 ³

* ME & TAM courses from this list satisfy the MechSE Elective requirement.

1. No more than 3 hours of individual study courses may be used to satisfy the MechSE Elective or Technical Elective requirement. Additional hours may be used as Free Electives. Technical Elective credit for individual study courses from other departments is given only by petition. A final report must be submitted to the faculty advisor and the Undergraduate Programs Office (154 MEB) at the conclusion of an individual study.
2. Depending on the technical content, some Special Topics courses (typically, new lecture–discussion courses) may or may not be approved for Technical Elective credit. A Curriculum Modification Petition *must* be submitted to the Undergraduate Programs Office to request the use of these courses for Technical Elective credit *before* registering in the respective course.
3. This course falls under the Professional Elective category. No more than 3 hours of professional elective credit may be used to satisfy the Technical Elective Requirements.