



CODO into MDE/IDES – For Students Not in First Year Engineering Program

The purpose of the Multidisciplinary Engineering (MDE) program which is ABET accredited, and Interdisciplinary Engineering Studies (IDES) program which is not ABET accredited, is to allow students to follow concentration plans that cannot be readily accomplished in the other Engineering programs.

The following outlines the process and requirements in which a student can CODO into either program.

General Process Requirements

1. The first matter of consideration before engaging a CODO process into MDE/IDES is the consideration of selecting the program most suitable for you, based on your career goals and academic performance to date. Visit our program website for more information on each program at: <https://engineering.purdue.edu/ENE/MDE/Academics/Undergrad>.

Academic CODO Requirements for students desiring entry into the ABET accredited Multidisciplinary Engineering Program (MDE):

- a. Must have *completed all* First Year Engineering Program (FYE) requirements with an **Engineering Admissions Index of 2.0 or higher**. Special consideration *may* be given to *non-traditional students (i.e. Military service persons, Adult Learners with significant life-experience, etc.)* to complete FYE requirements after the CODO process with Director approval.
- b. Must have a minimum of 15 Purdue credits that will count for graduation for the MDE program including a minimum of 6 credits of engineering courses (200 level and above).
- c. Must be a student “in good standing” at *Purdue West Lafayette Campus*; **Probationary students will not be allowed to CODO.**
- d. **Semester index** must be **2.5 or higher**.
- e. The **GPA of engineering courses completed to date** (200 level and above) must be **2.5 or higher**.
- f. Students who are *more than 30 credits from graduation* must have an **overall cumulative GPA of 2.75 or higher**. Students requiring **16 to 30 credits to graduate from the MDE program need an overall cumulative 2.55 GPA**, and students requiring **15 or less credits to graduate from the MDE program need an overall cumulative 2.4 GPA**. Students who have completed all the MDE degree requirements need an **overall cumulative GPA of 2.0** (same as applied to students in the program).
- g. **No CODO application paperwork received after the first 2 (two) weeks of the semester will be processed until the end the semester**, with processing beginning immediately after grades have been posted for the semester previously in progress. **GPA for CODO consideration will be calculated based on all grades earned up to that point in time** (i.e. the last academic semester completed).



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- h. Students who were in MDE at one time and processed a CODO out to another program will, **not be allowed to CODO back into MDE.**
- i. Students *re-entering* Purdue who were in MDE will normally be re-entered to MDE. Students who were in MDE and were dropped will normally be readmitted to MDE following standard Purdue University readmission rules.
- j. Students *re-entering* Purdue who were not in MDE will be required to follow/meet the CODO rules. **Students who were not in MDE and were dropped will NOT be readmitted to MDE.** However, if a student is readmitted to Purdue, they are eligible to apply to CODO once they satisfy CODO rules. Students who have been dropped, followed Purdue rules, and were readmitted to Purdue will apply and be considered the same as normal CODO applicants.

Academic CODO Requirements for students desiring entry into the non-ABET accredited Interdisciplinary Engineering Studies (IDES):

- a. Must have *completed all* First Year Engineering Program (FYE) requirements with an **Engineering Admissions Index of 2.0 or higher.** Special consideration *may* be given to *non-traditional students (i.e. Military service persons, Adult Learners with significant life-experience, etc.)* to complete FYE requirements after the CODO process with Director approval.
- b. Must have a minimum of 15 Purdue credits that will count for graduation for the MDE program including a minimum of 6 credits of engineering courses (200 level and above).
- c. Must be a student “in good standing” at *Purdue West Lafayette Campus*; **Probationary students will not be allowed to CODO.**
- d. **Semester index** must be **2.0 or higher.**
- e. The **GPA of engineering courses completed to date** (200 level and above) must be **2.0 or higher.**
- f. Students who are *more than 30 credits from graduation* must have an **overall cumulative GPA of 2.5 or higher.** Students requiring **16 to 30 credits to graduate from the MDE program need an overall cumulative 2.35 GPA,** and students requiring **15 or less credits to graduate from the MDE program need an overall cumulative 2.2 GPA.** Students who have completed all the IDES degree requirements need an **overall cumulative GPA of 2.0** (same as applied to students in the program). Note: Pre-medical engineering studies must have a **3.2 GPA or higher** requirement.
- g. **No CODO application paperwork received after the first 2 (two) weeks of the semester will be processed until the end the semester,** with processing beginning immediately after grades have been posted for the semester previously in progress. **GPA for CODO consideration will be calculated based on all grades earned up to that point in time** (i.e. the last academic semester completed).
- h. Students who were in IDES at one time and processed a CODO out to another program will, **not be allowed to CODO back into IDES.**



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- i. Students *re-entering* Purdue who were in IDES will normally be re-entered to IDES. Students who were in IDES and were dropped will normally be readmitted to IDES following standard Purdue University readmission rules.
 - j. Students *re-entering* Purdue who were not in IDES will be required to follow/meet the CODO rules. **Students who were not in IDES and were dropped will NOT be readmitted to IDES.** However, if a student is readmitted to Purdue, they are eligible to apply to CODO once they satisfy CODO rules. Students who have been dropped, followed Purdue rules, and were readmitted to Purdue will apply and be considered the same as normal CODO applicants.
2. **After selecting the program that is the best match, a submitted plan for the desired concentration within the program must be endorsed by the Director or the MDE/IDES advisor:** A student wishing to CODO must choose a specific concentration as part of the CODO process. In MDE, a plan must be selected from either a standard existing concentration, or may be developed as self-design plan. In IDES, a limited number of standard concentrations exist. **Students may not CODO's into the MDE Theatre Engineering Concentration.**
 3. In either IDES or MDE, the plan must be formally developed and finalized with the assistance/guidance of the IDES/MDE advisor. If a self-design plan is desired (**MDE plans only**) it must *also be approved* by the ENE Undergraduate Curriculum Committee (ENEUGCC). This is not a guaranteed or an immediate approval process. Students desiring to CODO into MDE and develop a self-design plan must have no less than 3 full semesters remaining to graduation, prior to formal plan approval by the ENEUGCC. **This requires submission of the self-design plan proposal NO LESS THAN 4 full semesters prior to anticipated graduation.**

Any concentration *or* “self-design” plan must be coherent and *not be possible in another engineering program*, as determined by the Director, MDE/IDES advisor, and/or ENE Undergraduate Curriculum Committee (ENEUGCC). A plan that looks like a miniature or junior degree from one of the other programs will not be approved. **An absolute maximum of 24 credits in one engineering discipline will be allowed in any plan.**

Approval of the desired plan is separate from the actual CODO process, meaning a plan may or may not be accepted prior to meeting CODO requirements, and vice versa. Students may submit a plan for approval before meeting CODO requirements.

4. **Students wishing to CODO must plan ahead:** A CODO into MDE/IDES requires an on-site/face-to-face visit to developing a plan using the Program’s plan development tool, guided by the Programs curricular requirements and the MDE/IDES advisor. Students must submit a plan and have an approved plan on file no less than **two full semesters prior to graduation**. *Generally speaking, it is an unrealistic expectation to contact MDE/IDES, develop a plan, CODO into MDE or IDES, and graduate the same or next semester.* For many engineering students who meet the CODO requirements and who wish to select from many (not all) of the standard, currently existing concentrations, they can often graduate at or near the same time they would have from their current program *if they follow the MDE/IDES plan* beginning when they have at least three semesters remaining at Purdue (Note: the actual CODO processing can occur later). **Students who do not plan ahead may have their graduation delayed.**



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5. Students wishing to change from the IDES to MDE program must submit a formal request/form to do so to the program academic advisor. Students must meet the standard CODO requirements for MDE to be eligible to CODO into the program. **Note: Switching from IDES to MDE may delay graduation.** Likewise, students wishing to switch from MDE to IDES must submit a formal request/form to do so to the program academic advisor.

Grade calculations for GPA:

- **Remedial courses and excess non-engineering courses that will not count for graduation will NOT be included in calculation of GPA indices used in this policy.**

Transcription details by Program:

- For the Multidisciplinary Engineering degree (BSE) established concentrations, the concentration will appear under the “Major Concentration” field of the transcript.
- **For approved self-design plans, the self-design plan name will be noted up to some portion of 30 characters in the “Level comments” field of the transcript.**
- For the Interdisciplinary Engineering Studies degree (BS) established concentrations, the concentration will appear under the “Major Concentration” field of the transcript.

Last Update: 12/10/2017 (MP, CP, ENEUGCC); Rvsd 2/14/2018 - **Effective Fall 2018**

