Project Goals

Impact: >2,000 students
- Transfer students are supported prior to entering Iowa State through the Engineering Admissions Partnership Program (E-APP), which includes curriculum planning and advising by Iowa State engineering advisers, peer mentoring, and access to the E-APP web-based professional network.
- E-TEC and E2020 engineering scholarships are available.
- DMACC has created a pre-engineering learning community.
- Data analysis and dissemination of transfer students’ academic performance and transfer success is ongoing and informs transfer advising and programming.

Creating a Community of Practice
Impact: >500 faculty/staff/formal and informal educators
- Iowa State’s College of Engineering recruiting materials have been redesigned to incorporate new messaging.
- DMACC has implemented a comprehensive pre-engineering communication plan.

Integrating New Messaging
Impact: >5,000 prospective students/parents
- Iowa State’s College of Engineering recruiting materials have been redesigned to incorporate new messaging.
- DMACC has implemented a comprehensive pre-engineering communication plan.

Opportunities

Continue to build a culture that embraces transfer student programming through continued professional and program development.
Leverage learning community best practices to retain students at the second- and third-year levels, which will ultimately contribute to higher graduation rates.

Challenges

Recruiting and retaining women to make up 20% of engineering graduates
Logistical and systemic obstacles remain in reaching formal and informal educators who can create awareness of engineering and influence young people.

Outcomes:
- The second- and third-year levels, which will ultimately contribute to higher graduation rates.