30. Change in Curriculum

**Dwight Look College of Engineering**
Department of Engineering Technology and Industrial Distribution
BS in Industrial Distribution
31. Change in Curriculum

**Dwight Look College of Engineering**
Department of Mechanical Engineering
BS in Mechanical Engineering
32. Change in Curriculum

Dwight Look College of Engineering
   Harold Vance Department of Petroleum Engineering
   BS in Petroleum Engineering
33. Change in Curriculum

**Dwight Look College of Engineering**
- BS in Chemical Engineering
- BS in Industrial Engineering
- BS in Nuclear Engineering
- BS in Radiological Health Engineering
34. Change in Curriculum

**College of Geosciences**

BS in Environmental Geoscience
35. Change in Curriculum

**College of Geosciences**

BS in Environmental Studies
36. Change in Curriculum

**College of Geosciences**
Department of Geography
BS in Geographic Information Science and Technology
  Computation, Design and Analysis (CDA) Track
37. Change in Curriculum

**College of Geosciences**
- Department of Geography
- BS in Geographic Information Science and Technology
- Earth Systems Analysis (ESA) Track
38. Change in Curriculum

**College of Geosciences**
   Department of Geography
   BS in Geographic Information Science and Technology
   Human Systems and Society (HSS) Track
39. Change in Curriculum

**College of Geosciences**

- Department of Geography
- Minor in Geographic Information Science and Technology
40. Change in Curriculum

**College of Geosciences**
Department of Oceanography
Minor in Oceanography
41. Change in Curriculum

**College of Liberal Arts**
Department of Anthropology
Minor in Anthropology
42. Change in Curriculum

College of Liberal Arts
Department of Economics
BS in Economics and MS in Economics - 3+2 Program
43. Change in Curriculum

**College of Liberal Arts**
Department of International Studies
BA in Classics

*Classical Civilization Track*
44. Change in Curriculum

**College of Liberal Arts**
Department of International Studies
BA in Classics

*Language and Literature Track*
45. Change in Curriculum

**College of Liberal Arts**
Department of Sociology
Certificate in Gender
46. Change in Curriculum

**College of Liberal Arts**
Department of Sociology
Certificate in Race and Ethnicity
47. Change in Curriculum

**College of Science**

Department of Mathematics
- BA in Mathematics
- BA in Mathematics - 5 Year Fast Track
48. Change in Curriculum

**College of Science**

Department of Mathematics
- BS in Applied Mathematical Sciences
- Actuarial Science Track
- Biological Science Track
- Computational Science Track
- Economics Track
- Statistics Track
- 5 Year Fast Track
49. Change in Curriculum

College of Science
   Department of Mathematics
      BS in Mathematics
      BS in Mathematics - 5 Year Fast Track
50. Texas A&M University at Galveston

a. New Courses

**MARE 431. Subsea Technology. (3-0). Credit 3.** Theory, concepts and practices of subsea projects and operation in the offshore oil and gas industry; field development, drilling, architecture, installation, intervention, mooring systems, operations, flow assurance, chemistry, material classification, economics and risk management. Prerequisite: Junior or senior classification of approval of instructor.

**MARE 434. Offshore Energy, Oil, and Gas Production. (3-0). Credit 3.** Orientation to the offshore oil and gas industry; petroleum exploration, production and marketing; platform and floating production facilities; operations; classification of production systems; economics and risk management. Prerequisite: Junior or senior classification or approval of instructor.

**MARR 101. Marine Engineering Fundamentals. (1-3). Credit 2.** Basic marine engineering systems, with emphasis on propulsion plants; propulsion plant machinery, watch standing organization and duties, shipboard safety practices and equipment.

**MARR 102. Engine Room Resource Management and Dynamics. (0-2). Credit 1.** Marine engineering watch standing and operations, safety and security, effective resource management and control or engine room equipment, leadership and managerial skills. Prerequisite: MARR 101.

**MARR 207. Electrical Power I. (2-3). Credit 3.** Application of circuit analysis principles to DC and AC circuits having sources and passive inductors, resistors and capacitors; shipboard electrical instrumentation; power and voltage/current phase relationships in AC circuits; balanced three-phase AC power circuits, shipboard cable sizing. Prerequisites: MATH 151; PHYS 208.

**MARR 211. Steam Propulsion Plants. (2-3). Credit 3.** Fossil fuel steam generators, shipboard propulsion turbines and condensers, reduction gears, line shafting, internal fittings and fluid flow paths, automatics controls, marine regulatory requirements for safety device settings systems tests and inspections, boiler water/feed water test and treatment, turbine/reduction gear lubrication, computer aided heat balances, parametric analysis of plant performance. Prerequisite: MARE 202.

**MARR 306. Electrical Power II. (2-3). Credit 3.** Electrical power generation and distribution; AC and DC rotating machinery; transformers; controllers and safety devices; shipboard operation, maintenance and repair procedures and practices; static converters AC/DC and DC/AC used in shipboard electric propulsion plants. Prerequisites: MARE 207; junior or senior classification or approval of instructor.

**MARR 307. Marine Electronics. (2-3). Credit 3.** Theory of electronic circuits; fundamentals and basic concepts of semiconductors, solid-state components, power supplies, amplifiers, inverters, rectifiers, oscillators and digital and analog integrated circuits; applications in shipboard automation, motor controllers, battery charging systems, communitarians and marine propulsion plant monitoring systems. Prerequisites: MARR 207; junior or senior classification or approval of instructor.

**MARR 312. Marine Diesel Engines. (2-3). Credit 3.** Comprehensive study of shipboard diesel engines; thermodynamics of air standard cycles; actual compression ignition engine cycles; emissions and emission controls; fuel injection and turbocharging systems; shipboard engine material properties; operational parameters including forces and temperatures resulting from
Combustion and inertial dynamics; laboratory includes computer-aided parametric analysis of engine performance and use of a low speed marine diesel propulsion plant simulator. Prerequisites: MARR 305; MARE 313; junior or senior classification or approval of instructor.

MARR 402. Shipboard Automation and Control. (3-0). Credit 3. Study of automation in marine power plants, including electronic and pneumatic proportional, integral and derivative control elements; applications in boiler combustion and water level control, engine speed control and remote sensing and performance monitoring systems on seagoing vessels. Prerequisites: MARR 307; MARE 311; MARR 312; junior or senior classification or approval of instructor.

MARR 451. Senior Capstone Project I. (1-3). Credit 2. Design, modeling, testing and validation processes; design of equipment, components or system for seagoing vessels; use of design manuals, material/equipment specifications and industry regulations applicable to marine engineering technology. Prerequisites: MARE 206; MARE 242; MARE 309; MARE 313; MARR 306; MARR 311; MARR 312; PHYS 208; senior classification.

MARR 452. Senior Capstone Project II. (1-3). Credit 2. Continuation of MARR 451; implementation of ship-related project initiated and developed therein, which may include development of theoretical, computational or experimental models and/or formulation, construction and fabrication work; refining, experimenting and testing of models considering alternatives; analyzing results and preparing and submitting design documents including a project report. Prerequisite: MARR 451.

b. Change in Courses

MARb 401. Physiological Ecology of Marine Mammals.

Lab contact hours and semester credit hours
From: (3-3). Credit 4.
To: (3-0). Credit 3.

MARE 100. Marine Engineering Fundamentals.

Course description
From: A study of basic marine engineering systems, with emphasis on propulsion plants. Introduction to propulsion plant machinery, watchstanding organization and duties, shipboard safety practices and equipment.
To: Basic marine engineering systems with emphasis on propulsion plants; introduction to propulsion plant machinery and shipboard safety practices and equipment; offshore oil production; subsea technologies; petroleum product transport and refinery.

MARE 311. Steam Propulsion Plants.

Course number
From: MARE 311.
To: MARE 211.

Course description
From: Comprehensive study of fossil fuel steam generators, propulsion turbines and condensers, reduction gears, line shafting. Studies include internal fittings and
fluid flow paths, automatic controls; regulatory requirements for safety device settings, and system tests and inspections. Additional topics include boiler water-feed water test and treatment, and turbine/reduction gear lubrication. Laboratory includes computer-aided heat balance and para metric analysis of plant performance.

To: Fossil fuel steam generators, propulsion turbines and condensers, reduction gears, line shafting, internal fittings and fluid flow paths, automatic controls, regulatory requirements for safety device settings, system tests and inspections, boiler water-feed water test and treatment turbine/reduction gear lubrication, computer-aided heat balances, para metric analysis of plant performance.


Prerequisites
From: MARE 205, MARE 303. MARE 309 or concurrent enrollment.
To: MARE 202, MARE 205, MARE 309 or concurrent enrollment, and approval of instructor.


Course prefix
From: MARE 401.
To: MARR 401.

MASE 100. Introduction to Offshore & Coastal Engineering.

Prerequisites
From: MATH 151 or registration therein.
To: MATH 151 or registration therein; only freshman and sophomore classification allowed to enroll.


Course number
From: MASE 301.
To: MASE 463.

Prerequisites
From: Junior or senior classification or approval of instructor, MASE 261, MASE 363, CVEN 345, OCEN 300 or concurrent registration, enrollment in OCSE major degree sequence.
To: Junior or senior classification or approval of instructor, MASE 261, MASE 363, CVEN 345, OCEN 300, enrollment in OCSE major degree sequence.

MASE 406. Capstone Design I.

Prerequisites
From: Students must have successfully completed all required 300-level engineering and technology courses and be in their final academic year prior to graduation. Enrollment in OCSE major degree sequence.
To: Prior completion or co-enrollment in MASE 463, MASE 415 and MASE 405; successful completion of ENGL 210, all required 300-level engineering and technology courses; enrollment in OCSE major degree sequence.

MASE 407. Capstone Design II.

Prerequisites
- From: ENGL 301, MASE 406. Enrollment in OCSE major degree sequence.
- To: MASE 406; enrollment in OCSE major degree sequence.

MASE 415. Offshore Structure Design.

Prerequisites
- From: MASE 301. Junior or senior classification or approval of instructor. Enrollment in OCSE major degree sequence.
- To: MASE 463 or concurrent enrollment; MASE 265, CVEN 446 and OCEAN 300; junior or senior classification or approval of instructor; enrollment in OCSE major degree sequence.

MAST 110. SCUBA I Lecture.

Course description and prerequisites
- From: Scuba I is entry level SCUBA training course. Upon successful completion of this course and the corresponding laboratory class, the student will have the basic academic knowledge and skills development needed to safely conduct Scuba dives. The student will also have acquired the First Aid/CPR skills necessary to provide basic life support in the event of an emergency. Prerequisite: Must complete a medical statement showing no contraindications to diving, or have a recreational Scuba diver's physical examination.
- To: Fundamentals and basic academic knowledge of sage SCUBA diving practices and theory; introduction to diving tables and diving physiology. Prerequisite: Co-enrollment in KINE 199 (SCUBA I Lab), must complete a medical statement showing no contra-indications to diving, or have a recreational Scuba diver's physical examination.

MAST 120. SCUBA II Lecture.

Course description and prerequisites
- From: Scuba II is the second course in the hierarchy of scuba training. The lecture and laboratory course objectives are to promote safe, self-reliant diving and to improve the diver's comfort, coordination, and strength in the water; to increase the diver proficiency and confidence through introductory training in a variety of practical topics; to build competency in dive planning and organization; to understand basic diver stress management and recognition; to be trained in basic surface and underwater dive rescue and lifesaving skills. Prerequisite: Must complete a medical statement showing no contraindications to diving, or have a recreational SCUBA diver's physical examination; co-enrollment in KINE 199 (Scuba II Lab) and MAST 120 (Scuba II Lecture), NAUI Scuba Diver certification or equivalent.
- To: Methods to promote safe, self-reliant diving and to improve the driver's comfort, coordination and strength in the water; to increase diver proficiency
and confidence through introductory training in a variety or practical topics; to build competency in dive planning and organization. Prerequisite: co-enrollment in KINE 199 (Scuba II Lab) NAUI Scuba Diver certification or equivalent; must complete a medical statement showing no contraindications to diving, or have a recreational SCUBA diver's physical examination; DAN diving insurance or equivalent.

**MAST 321. Industrial Diving Orientation.**

**Course number**  
From: MAST 321.  
To: MAST 331.

**Course title**  
From: Industrial Diving Orientation.  
To: Alternate Diving Technology.

**Course description**  
From: Illustrates the realities of operating in the scientific, commercial and military diving disciplines; practice real world training scenarios involving multiple aspects of each of the three fields.  
To: Illustrates the realities of operating in the scientific, public safety and military disciplines; practice real world training scenarios involving multiple aspects of each of the three fields.

**MAST 352. Traditional Maritime Tools.**

**Course title**  
From: Traditional Maritime Tools.  
To: Maritime Craftsmanship.

**Course description**  
From: Examine and use traditional 17th-19th century shipbuilding and carpentry tools; experience through practical use the function and capabilities of tools used to build wooden historic sailing vessels; complete at least two individual projects and two group projects to develop and test skills learned in class.  
To: Exploration of various crafts, skills and aesthetic/design used in and supporting the maritime world; hands-on activities and practical experience of various skills and processes, using traditional tools required to put a ship to sea; from carpentry to rope-making, serving sewing canvas sails to making blocks.

**Variable Credit Change (to include zero credit)**

**MARB 484**  
From: 1 to 9.  
To: 0 to 9.

**MARB 491**  
From: 1 to 4.  
To: 0 to 4.

**MARE 484**  
From: 1 to 6.
To: 0 to 6.

MARS 484
  From: 1 to 6.
  To: 0 to 6.

MARS 491
  From: 1 to 4.
  To: 0 to 4.

MART 491
  From: 1 to 4.
  To: 0 to 4.

MARA 484
  From: 1 to 4.
  To: 0 to 4.

MARA 491
  From: 1 to 4.
  To: 0 to 4.

MASE 491
  From: 1 to 4.
  To: 0 to 4.

MAST 484
  From: 1 to 6.
  To: 0 to 6.

MAST 491
  From: 1 to 4.
  To: 0 to 4.
51. Texas A&M University at Galveston

c. Change in Curriculum

Texas A&M University at Galveston
Department of General Academics
Minor in Diving Technology and Methods
52. Texas A&M University at Galveston

d. Change in Curriculum

**Texas A&M University at Galveston**

Department of Marine Engineering Technology
BS in Marine Engineering Technology
BS in Marine Engineering Technology - License Option
53. Texas A&M University at Galveston

e. Change in Curriculum

**Texas A&M University at Galveston**
Department of Marine Systems Engineering
BS in Offshore and Coastal Systems Engineering
54. Texas A&M University at Galveston

   f. Information Only

   **Texas A&M University at Galveston**
   Request to add ANTH 330 to Galveston’s course inventory
   Request to add ENGL 484 to Galveston’s course inventory
   Request to add GEOL 101 to Galveston’s course inventory
   Request to add GEOL 106 to Galveston’s course inventory
55. Special Consideration

**College of Architecture**

Diversity Certificate Program
- Request for a new certificate program between the College of Architecture and the Department of Multicultural Services
56. Special Consideration

**Mays Business School**

BS in Agribusiness

Request to discontinue the program in Mays Business School (BS-AGBU-BA)
57. Special Consideration

**College of Liberal Arts**

Minor in Liberal Arts Honors

Request for a new minor
58. Special Consideration

**College of Liberal Arts**
Department of Economics
Certificate in Business Economics
Request for a new certificate program
59. Special Consideration

**College of Liberal Arts**
Department of Economics
Certificate in Quantitative Economics Methods
Request for a new certificate program
60. Special Consideration

**College of Veterinary Medicine and Biomedical Sciences**
Department of Veterinary Physiology and Pharmacology
Certificate in Biomedical Research and Development
Request for a new certificate program
61. Special Consideration

Office of Undergraduate Studies
South Texas College of Law
Early Admission Program
Request to terminate program
62. Change in Curriculum – From November 2014

College of Education and Human Development
Department of Educational Administration and Human Resource Development
BS in Human Resource Development
63. Change in Curriculum – From November 2014

**College of Education and Human Development**
Department of Educational Administration and Human Resource Development
Minor in Human Resource Development
CHANGE IN CURRICULA
CHANGE IN CURRICULUM

Dwight Look College of Engineering
Department of Engineering Technology and Industrial Distribution
BS in Industrial Distribution
Texas A&M University
Request for a Change in Curriculum
Undergraduate • Graduate • Professional

1. Program request type: ☑ Undergraduate ☐ Graduate ☐ First Professional (e.g., DVM, JD, MBA, etc.)

2. Request change for: ☑ Degree Program ☐ Minor ☐ Certificate

3. Request submitted by (Department or Program Name): Engineering Technology and Industrial Distribution

   Program Designation and Name
   (e.g., B.A. in History, Minor in History, Certificate in European Union): B.S. in Industrial Distribution

5. Brief description of change:
   Remove the Common Body of Knowledge (CBK) language from the Academic Policies, and remove ENTC 181, ENTC 206, and ENTC 207 from the list of courses that students must achieve a C or better in.

6. Rationale for change:
   The Industrial Distribution faculty has determined that the C or better requirement for ENTC courses is unnecessary, and does not contribute to the learning outcomes of the Industrial Distribution Program.

7. Use the checkboxes below to make sure that all information is included.
   a. Proposed curriculum attached. ☑ Yes ☐ No
   b. Current catalog curriculum with handwritten edits attached. ☑ Yes ☐ No
   c. Current Howdy degree evaluation with handwritten edits attached. ☑ Yes ☐ No

   Please make sure the attached proposed curriculum, catalog and Howdy degree evaluation match.

8. a. Will degree program hours change (increase/decrease) due to the proposed curriculum changes? ☑ Yes ☐ No
   b. If yes, degree program hours will change from: __________ to: __________
   c. If yes, is the Texas Higher Education Coordinating Board form attached? ☑ Yes ☐ No

9. If proposed changes affect other unit(s), are letters of support attached? ☑ Yes ☐ No

IMPORTANT NOTE: Curriculum changes submitted through the approval process and fully approved by February (December-UCC GC, January-Faculty Senate, February-President) will be effective in the next academic year. Changes requiring approval beyond the University should complete the internal approval process early in the fall semester whenever possible in order to ensure timely implementation.

Approval recommended by:

Department Head or Program Chair (Type Name & Sign) 10/16/17 Date

Dean of College 11/8/17 Date

Chair, College Review Committee 11/9/17 Date

Chair, GC or UCC 11/18/17 Date

Questions regarding this form should be directed to Curricular Services at 845-8201 or sandrawilliams@tamu.edu.
Curricular Services – 04/14

RECEIVED Nov 25 2014
CURRICULAR SERVICES
curriculum provides study in business, communications, information technology, applied technology, engineering and human relations. This knowledge is applicable to the graduate in relationships with executives, managers, engineers, scientists and craftsmen while assisting them in their manufacturing, plant maintenance or construction operations. The industrial distribution graduate assists them by direct application of operations, business and product knowledge. Essentially the industrial distribution graduate becomes a special assistant in the other person's business—a challenging and rewarding profession. This program is ranked as the best industrial distribution program offered in the United States. Graduates receive the Bachelor of Science degree in Industrial Distribution.

Engineering Technology and Industrial Distribution Academic Policies

The Department of Engineering Technology and Industrial Distribution (ETID) imposes the following academic requirements in addition to those imposed by the University (Texas A&M University Student Rules) and college. For complete details concerning these and other IDIS academic policies, students should contact the ETID Undergraduate Advising Office and are referred to the ETID website (engineering.tamu.edu/etid).

The academic policies apply to any student who is identified as an Industrial Distribution (ID) major and to any student who seeks admission to the IDIS program. Students are encouraged to use these academic policies, along with other important information sources, for guidance in their undergraduate programs. Official information sources include the Texas A&M University Undergraduate Catalog, the Texas A&M University Student Rules, the Texas A&M University online course schedule, howdy.tamu.edu system, departmental academic policies, academic advisors, program coordinators, faculty advisors, the ETID website, and University and departmental distribution lists.

Students currently enrolled in another major at Texas A&M University who desire to change their major field of study to Industrial Distribution must fill out a Change of Curriculum application. The program will admit the best-qualified applicants based on the number of spaces available. Applicants will be evaluated on the basis of academic achievement and potential.

Students in Industrial Distribution (ID) must earn a grade of C or better in each of the Common Body of Knowledge (CBK) courses. The CBK courses for ID are CHEM 107/117, ENGL 103 or ENGL 104; IDIS 240; MATH 151 and MATH 152; and PHYS 218. Students must earn grades of C or better in all engineering technology, industrial distribution courses and CBK courses. If a student earns a grade of D or F in any of these courses, the student is required to repeat the course before enrolling in a more advanced course that has the D/F course as a prerequisite.

A student may attempt a course no more than three times, including courses graded Q or W but excluding those graded NG, unless approval has been received from the department. A student who has not successfully completed a course after attempting it three times will be blocked from further enrollment in Industrial Distribution. The prerequisites for courses are identified in the course descriptions in the current Texas A&M University Undergraduate Catalog and/or the Texas A&M University Online Schedule of Classes. A student is required to follow the prerequisite requirements as defined in the current catalog regardless of the catalog to which the student is assigned. A student must complete all prerequisites for a course with a grade of C or better by the start of the semester in which the student plans to enroll in the course.
A student is responsible for checking the prerequisites for each course to ensure the prerequisite requirements have been satisfied. A student who registers for a course for which he/she lacks the necessary prerequisite course(s) and/or the prerequisite grade requirement will be required to drop the course. A student who is told to drop a course and is still enrolled by the deadline set each semester may be administratively dropped by the department. If a student is administratively dropped from a course, the student is responsible for all financial obligations associated with the drop. An administrative drop may adversely impact (including, but not limited to): health insurance benefits, financial aid, athletic eligibility, INS status, veterans' benefits, and eligibility to participate in extracurricular activities.

Before commencing course work in the major, students must be admitted to the major or have the approval of the department.

### FRESHMAN YEAR

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<th>First Semester</th>
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<td>ENTC 206 Nonmetallic Materials¹</td>
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<td>ECON 202 Principles of Economics²</td>
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<td>ENTC 181 Mfg. and Assembly Processes ¹</td>
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### JUNIOR YEAR

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<td>IDIS 403 Fluid Power Trans.³</td>
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</table>

**total hours 126**
NOTES: 1. To be selected from the University Core Curriculum. (See page 17) Of the 18 hours shown as University Core Curriculum electives, 3 must be from creative and critical thinking and behavioral sciences, 6 from American history, and 6 from government/political science. The remaining 6 hours from international and cultural diversity may be met by courses satisfying the creative and critical thinking and behavioral sciences, and American history requirements if they are also on the approved list of international and cultural diversity courses.
2. Entering students will be given a placement test in mathematics. Test results will be used in selecting the appropriate starting course which may be at a higher or lower level.
3. Must be approved by advisor. IDIS 485 is not for general use as a technical elective.
4. Common Body of Knowledge: Credit hours are Pre-requisite for all 300 and 400 level IDIS courses.
5. Courses used to calculate in major GPA.
6. Acceptable IDIS electives include IDIS 420, IDIS 421, IDIS 445, IDIS 454, IDIS 485, IDIS 489 (Special Topics).
7. A list of acceptable elective electives is available in the Advising Office.

The curriculum lists the minimum number of classes required for graduation. Additional courses may be taken.

The following certificates from the Dwight Look College of Engineering are available for students pursuing this degree: Business Management, Energy Engineering, Engineering Project Management, Engineering Honors, International Engineering, Polymer Specialty and Safety Engineering (see descriptions beginning on page 34).

Curriculum in

Industrial Engineering

Industrial engineering is an engineering discipline devoted to the design, installation, improvement and control of integrated systems of people, materials, and facilities in a wide range of organizations that produce goods or render services. Like other engineering fields, industrial engineering is concerned with solving problems through the application of specialized knowledge in mathematics and science, as well as the principles of engineering. An important characteristic of industrial engineering is its system approach to integrate the basic resources of production and service systems and other relevant resources, such as information and energy, in such a way as to create a smooth, efficient and competitive operation within an enterprise. Industrial and systems engineers are needed in virtually all types of enterprises, ranging from industries such as manufacturing, distribution, logistics, transportation, and construction; service sectors such as health care, retail, banking, and engineering consulting to government agencies, military, and nonprofit organizations.

The mission of the Industrial Engineering program is to serve the state, nation, and global community by educating industrial engineering students to be well founded in engineering fundamentals and to have the knowledge and skills required to design, develop, improve, implement and control sophisticated production and service systems in an environment characterized by complex technical and social challenges. Throughout this educational process, students will be instilled with the highest standards of professional and ethical behavior. It is the intent of the undergraduate industrial engineering program to equip its graduates to achieve the following accomplishments a few years after graduation:

1. Graduates will be successful in improving operations by solving complex industrial engineering problems.
2. Graduates will demonstrate professional leadership.
3. Graduates will be instilled with the motivation and ability to accomplish professional life-long learning.

The four-year curriculum in industrial engineering at Texas A&M is designed to provide students with a solid basis in mathematics and science, as well as in engineering economics, manufacturing systems, production and inventory control, operations research, quality engineering, reliability, facilities planning and materials handling. The program
Detail Requirements

Information for Degree Evaluation
This is NOT an official evaluation.

Program Evaluation

Limitation Correspondence: No more than 12 hours of correspondence earned through an accredited institution may be used for an undergraduate degree.
Limitation Combination: Maximum combination of 18 hours of 481, 482, 485 and/or 491 courses may be used for an undergraduate degree.

Program: BS IDIS
Campus: College Station
College: Dwight Look College of Engr
Degree: Bachelor of Science
Level: Undergraduate
Majors: Industrial Distribution
Departments: Eng Tech & Ind Distribution

Catalog Term: Fall 2014 - College Station
Evaluation Term: Fall 2014 - College Station
Expected Graduation Date: 5
Request Number: Oct 13, 2014
Results as of:

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<td>Overall GPA:</td>
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Other Course Information
Transfer: 0.000 0

This is NOT an official evaluation.

Area Major Coursework (55.000 credits) - Not Met

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Change Student
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Total Credits and GPA  0.000  .00

unofficial evaluation

Area: Language, Philosophy & Culture (3,000 credits) - Not Met

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Total Credits and GPA  0.000  .00

unofficial evaluation

Area: Creative Arts (3,000 credits) - Not Met

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Total Credits and GPA  0.000  .00

unofficial evaluation

Area: Social and Behavioral Science (3,000 credits) - Not Met

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Total Credits and GPA  0.000  .00

unofficial evaluation

Area: Citizenship (12,000 credits) - Not Met

Description: Completion of 4 semesters of Upper-Level ROTC may be substituted for 3 hours of American History and 3 hours of Political Science.

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<tr>
<td>B.</td>
<td>Political Science Rqmt 6hrs</td>
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Total Credits and GPA  0.000  .00

unofficial evaluation

Area: Directed Electives (7,000 credits) - Not Met
unofficial evaluation

Area: Residence Requirement - Not Met
Description: A minimum of 36 hours of 300-400 level coursework must be completed at Texas A&M University. 12 hours must be in the major field.

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<th>Condition</th>
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<tr>
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<td>AND</td>
<td>B. Residence 300-499 24hrs</td>
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Total Credits and GPA 0.000 .00

unofficial evaluation

Area: GPR-Major - Not Met

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Total Credits and GPA 0.000 .00

unofficial evaluation

Back to Display Options

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