# MECHANICAL ENGINEERING

## First Year
### Fall
- **MATH 1004**: Calculus for Eng. Students
- **ECOR 1041**: Computation & Proj. (0.25 credit)
- **ECOR 1045**: Statics (0.25 credit)
- **ECOR 1057**: Engineering Profession (0.0 credit)

### Winter
- **MATH 1104**: Linear Algebra for Eng. Students
- **ECOR 1042**: Data Management (0.25 credit)
- **ECOR 1046**: Mechanics (0.25 credit)
- **ECOR 1058**: Introduction to Engineering Disciplines II (0.0 credit)

## Second Year
### Fall
- **MATH 1005**: Differential Equations & Infinite Series for Eng. Students
- **MAAE 2101**: Engineering Dynamics
- **MAAE 2400**: Thermodynamics
- **MAAE 2700**: Engineering Materials
- **ECOR 2050**: Design & Analysis of Engineering Experiments

### Winter
- **MATH 2004**: Multivariable Calculus for Eng. Students
- **MAAE 2001**: Engineering Graphical Design
- **MAAE 2202**: Mechanics of Solids I
- **MAAE 2300**: Fluid Mechanics I
- **ELEC 3605**: Electrical Engineering

## Third Year
### Fall
- **MATH 3705**: Mathematical Methods I
- **MAAE 3202**: Mechanics of Solids II
- **MAAE 3300**: Fluid Mechanics II
- **MAAE 3400**: Applied Thermodynamics
- **MECH 3002**: Machine Design & Practice

### Winter
- **MAAE 3004**: Dynamics of Machinery
- **MAAE 3500**: Feedback Control Systems
- **MECH 4003**: Mechanical Systems Design
- **MECH 4406**: Heat Transfer

## Fourth Year
### Fall
- **MAAE 4907**: Engineering Design Project (note b) (1.0 credit)
- **MECH 4102**: Materials: Strength & Fracture

### Winter
- **Elective**: Complementary Studies Elective

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**Notes:**

(a) 2.0 credits in Mechanical and Aerospace Engineering (MAAE, AERO or MECH) at the 4000-level or ELEC 4504 or ELEC 4602.
(b) Students must complete all first and second year courses, as well as 3.5 credits of third year courses (with the exception of Complementary Studies Elective) to enroll in MAAE 4907 (Design Project).

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*Students wanting to register in 2nd year status requirement courses must complete all first year Science, Mathematics and Engineering courses [including a C- (C minus) grade or better in all ECOR 104x courses]*