

Catalog Year 2016-2017

A Major Academic Plan (MAP) illustrates one efficient path toward completing a degree and includes only required courses and credits. A list of Major, General Education, and Elective credits, as well as a summary of required credit categories, are shown on page two. **Individual MAP customization by each student is expected.**

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| Cyber Physical Security - ITC | Credit Hours | Min. Grade | \*Attribute | \*\*When Offered | Pre & Co-requisites |
| Semester One | | | | | |
| ESET 0100: Introduction to Engineering Technology | 1 | C- |  | F | AAS-ESTEC (see advisor) |
| ESET 0100L: Introduction to Engineering Technology Laboratory | 1 | C- |  | F | AAS-ESTEC (see advisor) |
| ESET 0103: Introduction to Electronics Theory | 1 | C- |  | F | AAS-ESTEC (see advisor) |
| ESET 0103L: Introduction to Electronics Laboratory | 1 | C- |  | F | AAS-ESTEC (see advisor) |
| ESET 0104: DC Electronics Principles Theory | 2 | C- |  | F | AAS-ESTEC (see advisor) |
| ESET 0104L: DC Electronics Principles Laboratory | 2 | C- |  | F | AAS-ESTEC (see advisor) |
| ESET 0110: Introduction to Process Control | 1 | C- | ` | F | AAS-ESTEC (see advisor) |
| ESET 0110L: Intro to Process Control Laboratory | 1 | C- |  | F | AAS-ESTEC (see advisor) |
| ESET 0120: Introduction to Energy Systems | 2 | C- |  | F | AAS-ESTEC (see advisor) |
| ESET 0120L: Introduction to Energy Systems Laboratory | 1 | C- |  | F | AAS-ESTEC (see advisor) |
| ESET 0281: Critical Infrastructure Data Security | 3 | C- |  | F | AAS-ESTEC (see advisor) |
| Total | 16 |  |  |  |  |
| Semester Two | | | | | |
| ESET 0223: Digital Control Theory | 2 | C- |  | S | AAS-ESTEC (see advisor) |
| ESET 0227: Digital Control Systems Laboratory | 1 | C- |  | S | AAS-ESTEC (see advisor) |
| ESET 0282: Wireless Network Security | 3 | C- |  | S | AAS-ESTEC (see advisor) |
| ESET 0283: Information System Security Design | 3 | C- |  | S | AAS-ESTEC (see advisor) |
| ESET 0284: Risk Management for Critical Data Systems | 3 | C- |  | S | AAS-ESTEC (see advisor) |
| ESET 0285: Information Reliability | 3 | C- |  | S | AAS-ESTEC (see advisor) |
| ESET 0286: Critical Network Security | 3 | C- |  | S | AAS-ESTEC (see advisor) |
| Total | 18 |  |  |  |  |
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| \*Key for Attribute: U=Upper division GE=General Education Objective  \*\*Key for When Offered: F=Fall S=Spring Su=Summer D=contact department (more…) | | | | | |

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| **2016-2017 Major Requirements** | **CR** | **2016-2017 GENERAL EDUCATION OBJECTIVES**  **Satisfy Objectives 1,2,3, 5, 6** | | **16 cr. min** | |
| **MAJOR REQUIREMENTS** |  |  | |  | |
| ESET 0100: Introduction to Engineering Technology | 1 |  | |  | |
| ESET 0100L: Introduction to Engineering Technology Laboratory | 1 |  | |  | |
| ESET 0103: Introduction to Electronics Theory | 1 |  | |  | |
| ESET 0103L: Introduction to Electronics Laboratory | 1 |  | |  | |
| ESET 0104: DC Electronics Principles Theory | 2 |  | |  | |
| ESET 0104L: DC Electronics Principles Laboratory | 2 | **TOTAL** | | **0** | |
| ESET 0110: Introduction to Process Control | 1 |  | | | |
| ESET 0110L: Intro to Process Control Laboratory | 1 |  | |  | |
| ESET 0120: Introduction to Energy Systems | 2 |  | |  | |
| ESET 0120L: Introduction to Energy Systems Laboratory | 1 |  | |  | |
| ESET 0223: Digital Control Theory | 2 |  | | | |
| ESET 0227: Digital Control Systems Laboratory | 1 |  | |  | |
| ESET 0282: Wireless Network Security | 3 |  | |  | |
| ESET 0283: Information System Security Design | 3 |  | | | |
| ESET 0284: Risk Management for Critical Data Systems | 3 |  | |  | |
| ESET 0285: Information Reliability | 3 |  | |
| ESET 0286: Critical Network Security | 3 |  | | | |
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|  |  | GE Objectives Courses:  (University Catalog 2016-2017) | | | |
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|  |  | **MAP Credit Summary** | | | **CR** |
|  |  | Major | | | 34 |
|  |  | General Education | | | 0 |
|  |  | Free Electives to reach 60 credits | | | 0 |
|  |  | TOTAL | | | 34 |
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| **TOTAL** | **34** |  | | |  |
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| **Advising Notes** | |  | | |  |
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|  | | **Graduation Requirement Minimum Credit Checklist** | **YES** | | NO |
|  | | Min. of 0 credits of General Education Objectives |  | |  |
|  | | Min. of 34 credits |  | |  |
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