

## Bachelor of Science Degree

### Why Study Technology and Engineering (T&E) Education at UMES?

- Only T&E program in Maryland approved by the Maryland Higher Education Commission.
- Nationally accredited by CAEP and ITEEA affiliated.
- One of the lowest tuition rates in Maryland.
- Small class sizes support student learning.
- Conveniently located approximately 45 minutes from Ocean City, and within 3 hours of Baltimore, Washington D.C., and Philadelphia.
- Earn teaching certification valid in MD or many other states.



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### Why Become a Technology and Engineering Teacher?

- Make a difference in the lives of children and help educate a more technologically literate society.
- Learn about new technologies.
- Use technologies to solve authentic, hands-on engineering design challenges.
- Technology and Engineering Education is a critical shortage area across the U.S.



### What Graduates Are Saying

“The Department of Technology at UMES gave me a strong foundation to be a T&E teacher due to their patience and guidance. If you are looking for a challenging, yet overwhelmingly rewarding career with 100% job placement, then I strongly encourage you to consider the T&E Education program at UMES.”

### For Additional Information

<http://www.umes.edu/tech/te.html>



**Dr. Tyler Love**

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- ◆ **Darian Reeves**
- ◆ T&E teacher
- ◆ *Prince William County Public Schools, VA*



UNIVERSITY of MARYLAND  
EASTERN SHORE

# Recommended Course Sequence

## FRESHMAN YEAR

| <i>Fall Semester</i>                | <i>Credits</i> |
|-------------------------------------|----------------|
| EDTE 100 First Year Experience Sem. | 1              |
| EDTE 111 Technology and Society     | 3              |
| ARTS 101 Exploration of Visual Arts | 3              |
| BIOL 101 Biological Science         | 3              |
| ENGL 101 Basic Composition I        | 3              |
| MATH 109 College Algebra            | 3              |
| <hr/> Semester Total                | 16             |

## SOPHOMORE YEAR

| <i>Fall Semester</i>                       | <i>Credits</i> |
|--------------------------------------------|----------------|
| EDTE 122 Intro to Design for T&E Education | 3              |
| EDTE 131 Technical Drawing I (CAD)         | 3              |
| EDTE Elective                              | 3              |
| ECON 201 Principles of Economics I         | 3              |
| EDCI 201 Praxis Preparation                | 0              |
| PHYS 121/123 Physics I w/ Lab              | 4              |
| <hr/> Semester Total                       | 16             |

## JUNIOR YEAR

| <i>Fall Semester</i>                        | <i>Credits</i> |
|---------------------------------------------|----------------|
| EDTE 105 Electrical Circuit Tech I          | 3              |
| EDTE 232 Info. & Communication Technologies | 3              |
| EDTE 242 Construction & Manufacturing Tech  | 3              |
| EDTE 410 Foundations of Technology          | 3              |
| ENGL 305 Technical Writing                  | 3              |
| PSYC 207 Educational Psychology             | 3              |
| <hr/> Semester Total                        | 18             |

## SENIOR YEAR

| <i>Fall Semester</i>                          | <i>Credits</i> |
|-----------------------------------------------|----------------|
| EDTE 367 Instructional Analysis & Curr. Dev.  | 3              |
| EDTE 481 Facilities Organization & Mgmt.      | 3              |
| EDCI 311 Comprehensive Assessment in Edu.     | 3              |
| EDCI 410 Teach Reading in the Content Area II | 3              |
| EDCI 425D Curriculum Dev. & Instr. Methods    | 3              |
| <hr/> Semester Total                          | 15             |

## FRESHMAN YEAR

| <i>Spring Semester</i>                      | <i>Credits</i> |
|---------------------------------------------|----------------|
| EDTE 121 Principles of T&E Education        | 3              |
| EDCI 200 Introduction to Education          | 3              |
| ENGL 001 English Proficiency Exam           | 0              |
| ENGL102 Basic Composition II                | 3              |
| MATH 110 Trigonometry & Analytical Geometry | 3              |
| PSYC 100 Introduction to Psychology         | 3              |
| <hr/> Semester Total                        | 15             |

## SOPHOMORE YEAR

| <i>Spring Semester</i>              | <i>Credits</i> |
|-------------------------------------|----------------|
| EDTE 132 Technical Drawing II (CAD) | 3              |
| ENGL 203 Fund. Of Contemp. Speech   | 3              |
| ENGL 328 World Literature           | 3              |
| PHYS 122/124 Physics II w/ Lab      | 4              |
| PSYC 205 Developmental Psychology   | 3              |
| <hr/> Semester Total                | 16             |

## JUNIOR YEAR

| <i>Spring Semester</i>                       | <i>Credits</i> |
|----------------------------------------------|----------------|
| EDTE 252 Power, Energy, & Trans. Technology  | 3              |
| EDTE 382 Core Technologies                   | 3              |
| EDCI 406 Classroom Management                | 3              |
| EDCI 409 Teach Reading in the Content Area I | 3              |
| EDSP 428 Comm. & Collab. in Special Ed       | 3              |
| <hr/> Semester Total                         | 15             |

## SENIOR YEAR

| <i>Spring Semester</i>           | <i>Credits</i> |
|----------------------------------|----------------|
| EDCI 400 Senior Seminar          | 3              |
| EDCI 460/470 Teaching Internship | 12             |
| <hr/> Semester Total             | 15             |

**Total Undergraduate Credits = 126**

\*We welcome transfer students. Please contact us for more information regarding the transfer process.