



## Master of Education (MAEd) + Licensure<sup>1</sup> Technology Education

### Admission Requirements

Bachelor's degree; 3.0 GPA (min.) in final 60 SH of bachelor's degree; Resume

### MAEd Degree Requirements

Approved Plan of Study; 30+ Semester Hours (SH) of 5000 level courses (or higher) as shown below; Master's Portfolio; Master's Thesis/Project (Optional)

### Technology Education Content Courses<sup>2</sup> (12+ SH)

Including at least 3 SH in each of the following areas: technology and culture, technological foundations, technological processes, and technological systems

### Professional Education Courses<sup>3</sup> (26 SH)

Human Growth and Development (3 SH)

Curriculum & Instruction (3 SH)

Classroom & Behavior Management (3 SH)

Foundations of Education (3 SH)

Content Area Reading (3 SH)

Early Field Experience (2 SH)

Student Teaching (9 SH)

### Integrative STEM Education Courses (Optional)

EDCI 5774: Readings in Technology Education (1 SH, repeatable)

EDCI 5804: STEM Education Foundations (3 SH)

EDCI 5814: STEM Education Pedagogy (3 SH)

EDCI 5824: STEM Education Trends and Issues (3 SH)

EDCI 5834: STEM Education Research (3 SH)

EDCI 5844: STEM Education Seminar (1 SH, repeatable)

EDCI 5854: Biotechnology Literacy by Design (3 SH)

EDCI 5774: Readings in STEM Education (1 SH, repeatable)

EDCI 5964: Field Study–Integrative STEM Education (3 SH)

**For More Info:** Mark Sanders, Program Leader–Technology Ed, 540-231-8173, [msanders@vt.edu](mailto:msanders@vt.edu)

<sup>1</sup> Available only to those with a bachelor's degree in Engineering, Industrial Technology, Architecture, or Design.

<sup>2</sup> These courses may have to be taken elsewhere and transferred into Virginia Tech

<sup>3</sup> Required for Technology Education teaching licensure; *may* count toward MAED (if approved by Advisor/Committee).