

Technical Teacher Education Emphasis. The graduate program is for candidates that have already completed Technical Teacher Education certification. It also provides certification opportunity for persons interested in qualifying for teaching in health occupations, business, family and consumer Sciences, and other career and technical fields in vocationally approved high school and post-secondary programs—technical colleges, community colleges, universities, business and industry. Persons who hold the baccalaureate degree in allied health, agriculture, business, data processing, engineering, nursing, technology or related professional and technical areas may meet teacher certification and degree requirements by completing the degree. Candidates seeking certification are required to have completed two years of work experience in their profession, and may be required to take foundation courses that may exceed the minimum 32 credit hours associated with Option III.

This emphasis also provides a high degree of flexibility for certified vocational teachers pursuing goals related to Technical Teacher Education, such as: research, curriculum and instruction, as well as opportunities to gain additional technical expertise in a specialized area or broadening one's scope of technical knowledge. For Option I (Thesis), candidates complete 14-15 credit hours of core courses; 6 hours of thesis; and select 9-10 credit hours of advanced course work in the discipline for a minimum total of 30 credit hours. Students pursuing Option III (Course Work), complete 14-15 credit hours of core courses; 6 hours of Option III courses; and select 9-12 credit hours of courses to total at least 32 credit hours. All graduate students pursuing the Masters of Sciences with a Major in Career and Technical Education are required to take a comprehensive examination over the major departmental course work of study.

MS in Career and Technical Education [Options I and III]

Core Courses (14-15 credit hours)

TTED 891 Methods of Research, 3 (or)
 SSLS 891 Methods of Research, 3 (or approved research course), 3
 TTED 887 Data Analysis and Interpretation in Technology, 3 (or)
 SSLS 824 Educational Statistics I, 3 (or approved statistics course)
 TTED 894 History and Philosophy of Vocational Education, 3 (or)
 TE 850 Contemporary Development in Technology Education, 3
 TTED 779 Instructional Methods in Technical Education, 3 (or)
 TE 882 Instructional Strategies in Technology Education, 3
 TTED 695 Using Technology as an Instructional Tool, 2 (or)
 TE 864 Communication Technology, 3 (or TE 756)

- Note: Students seeking certification for teaching Technology Education in the public schools (Emphasis C) will be required to take additional foundation courses in education, psychology, and/or technical courses beyond the 32 hours required for the MS in C&TE degree. Candidates' undergrad preparation varies; therefore an advisor should be consulted to determine additional requirements.

Option I. Thesis Option, 6	TTED 891 Thesis, 6
Option III. Course Work Option, 6	TE 807 Problem Solving & Creative Thinking in Technology or TE 806 Studies in TE, 3 Elective approved by advisor, 3

Select one of the following four options:

Emphasis A. Family & Consumer Sciences (9-12 credit hours)	Emphasis B. College Teaching (11-12 credit hours)	Emphasis C. Technology Education # (9-12 credit hours)	Emphasis D. Technical Teacher Ed # (9-12 credit hours)
TE 851 Integrated Techn'gy in Teaching ,3	TE 881 Orientat'n to College Teaching, 3	Select 9 hours from the following:	Select 9 hours from the following:
FCS 740 Special Topics in FCS, 3	SSLS 882 College Teaching Internship, 3	TE 750 Technology & Society, 1-3	TTED 698, School Improvement Processes in Career and Technical Education, 2
Select 3-6 credit hours from the following:		TE 753 Special Topics in Technology Education, 1-3	TTED 780 Classroom Management in Vocational Ed, 3
FCS 771 Directed Readings in FCS, 1-3	Select 5-6 credit hours from the following:	TE 806 Studies in Technology Ed, 1-3	TTED 805 Special Problems, 1-6
FCS 780 – Family Violence and Child Abuse, 3	FCS courses as approved by FACS advisor, 5-6	TE 840 Production Technology: Construction, 3	TTED 808 Cooperative Education, 3
FCS 792 Advanced Explorations of Issues in Youth & Adolescents., 3	Technical courses as approved by technology advisors, 5-6	TE 841 Production Technology: Manufacturing, 3	TTED 810 Seminar, 1-6
FCS 781 Aging and the Family, 3		TE 851 Integrated Technology in Teaching, 3	TTED 845 Instructional System Design & Curriculum. Development, 3
TTED 893 Student Assessment Development in C&TE, 3		TE 862 Topics: Power, Energy, Trnsp. 3 TE 863 topics: Materials & Processes, 3	TTED 893 Student Assessment Development in C&TE, 3
FCS 730 Independent Study, 1-3		TE 893 Seminar in Technology Ed, 1-3	TTED 897 Teach'g Special V'l Students, 3
		Select 2-3 graduate credit hours as approved by advisor for Opt. III	Select 2-3 graduate credit hours as approved by advisor for Opt. III
Option I Min. Total Hours - 30 Option III Min. Total Hours - 32	Option - N/A Option III Minimum - 32	Option I Minimum Hrs. - 30 Option III Minimum Hrs. - 32	Option I Minimum Hrs. - 30 Option III Minimum Hrs. - 32