Technology, Engineering and Design Education (Minor)

The Technology, Engineering and Design minor broadens students' comprehension of the technological society in which they live. This is accomplished through the investigation and manipulation of tools, materials, and machines related to technology. Further, students experience technology coursework in applications such as information and communication systems; emerging technologies, robotics education, and evaluation of technological impacts on society, individuals, and culture. Minor programs are individually designed to meet the needs of the student and to complement their major.

Admissions

To be admitted to the program, a student must have a GPA of at least 2.0. Application for admission to any University minor program is now available via MyPack Portal. Admission will be based upon the student's academic record, and in most cases no longer requires departmental review. Go to Add a Minor (https://studentservices.ncsu.edu/your-degree/coda-home/add-a-minor/) to apply.

Certification

Prior to the end of the second week of the student's final semester, the student must sign the Application for Minor form (provided by the minor contact person). This form is a list of all grades received in the courses to be considered for the minor as well as the courses to be taken during the student's final semester.

Contact Person

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STEM Education
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Effective Date: 1/2012

SIS Code: 13TEM

Plan Requirements

- Complete a minimum of 16 hours of coursework in Technology, Engineering and Design Education
- A minimum grade of 'C' (2.0 or better must be achieved in each course counting towards the minor with the exception of TDE 490 Special Problems in Technology Education (an "S" is acceptable for this course).
- Students who have transfer credit from another institution that they believe is equivalent to GC 120 Foundations of Graphics should consult the contact person listed below for approval and inclusion in the minor.

Code	Title	Hours
Required Courses		
GC 120	Foundations of Graphics	3
TDE 110	Materials & Processes Technology	3
Elective Courses		
Select three of the following:		9
TDE 131	Technology through Engineering and Design I	
TDE 205	Desktop Publishing and Imaging Technology	
TDE 261	Digital Media Education	
TDE 331	Technology Through Engineering and Design II	
TDE 351	Ceramics: The Art and Craft of Clay	
TDE 359	Electronics Technology	
TDE 371	Emerging Issues in Technology	
TDE 385 & TDE 386	Robotics Education and Robotics Education Lab	
TDE 481	Research & Development in Technology Education	
TDE 490	Special Problems in Technology Education	
Total Hours		**15**