

Effective: Fall 2016
 Last Updated: 8/24/16



College of Applied Science and Technology TECHNICAL MATHEMATICS Certificate – 203001C

The following information has official approval of the **College of Applied Science & Technology**, but is intended only as a guide. Completion of this certificate is contingent upon many factors, including but not limited to: class availability, total number of required credits, work schedule, finances, family, course drops/withdrawals, successfully passing courses, prerequisites, among others.

This certificate is aimed at developing technical mathematics knowledge and the ability to apply this knowledge in an industrial setting. The granting of this certificate does not require the completion of a degree. However, all coursework can be applied to an associate degree or a baccalaureate degree. A minimum of 11 hours is required for completion of the certificate with a minimum grade point average of at least 2.5. At least 6 of the 11 credit hours must be taken through the College of Applied Science & Technology. Students are required to take the following courses, or their equivalents, for completion of the certificate.

The following courses constitute a “Certificate in Technical Mathematics.”

Required Courses		Credit Hours	Prerequisites
2030:154	Technical Mathematics IV	3	2030:153 or placement
2030:255	Technical Calculus I	3	2030:154 or placement
2030:356	Technical Calculus II	3	2030:255
2030:361	-OR- Applied Cryptography	3	2030:154
2030:480	-OR- Advanced Topics in Technical Mathematics	2	2030:255
SUBTOTAL REQUIRED COURSES		8 - 9	
xxxx:xxx	SUBTOTAL ELECTIVES	2 - 3	
GRAND TOTAL Credits for Certificate		11	

Electives: A minimum of 2 credit hours must be completed from the following.

2030:345	Technical Data Analysis	2	2030:154
2030:260	Advanced Trigonometry	2	2030:153
2030:480	Advanced Topics in Technical Mathematics	2	2030:255
2030:290	Special Topics	1 – 4	See bulletin
3450:200 /300 /400	Level mathematics courses approved by the Technical Mathematics faculty of the Dept. of Applied General and Technical Studies	1 – 4	See bulletin

To apply, go to: College of Applied Science & Technology Advising Services, Polsky 301, 330-972-7220.

Certificate Contact: Dr. Katie Cerrone, Polsky 131, 330-972-8809 or kc24@uakron.edu

Website: <http://www.uakron.edu/agts/index.dot>