Michigan Technological University
Certificate in Business Analytics
Program Code: CBA, Academic Year 2020-21
Department of Mathematical Sciences
Total Credits Required: 24

_____   _____

Student Name and ID Number   **Completion Term**

- ✓ Certificates are offered to undergraduate level, post-degree students who have previously completed a Bachelor's degree.
- ✓ Students must earn a grade of C or better in each course used to meet certificate requirements.
- ✓ Students must complete at least nine credits of upper division course work (3000-level or above) and at least half of the total credits required must be taken at Michigan Tech.

The Certificate in Business Analytics provides a foundation in the emerging field of Analytics, the use of statistics and mathematical modeling, to optimize business performance.

Required Courses

Course	Credits
MA 2330 Introduction to Linear Algebra (3)	
MA 2710 Introduction to Statistical Analysis (3) **or** MA2720 Statistical Methods (3) **or** MA 3710 Engineering Statistics (3) **or** MA 3715 Biostatistics (3)	
MIS 2100 Introduction to Business Programming (3) **or** CS 1121 Introduction to Programming I (3) **or** MA 1600 Introduction to Scientific Simulation (3)	
MIS 3100 Business Database Management (3)	
MA 3740 Statistical Programming and Analysis (3)	
MA 4790 Predictive Modeling (3)	
CS 4821 Data Mining (3)	

Select one of the following:

Course	Credits
MA 4710 Regression Analysis (3)	
MA 4780 Tim Series Analysis and Forecasting (3)	
EC 4200 Econometrics (3)	

_____   _____
Student Signature   **Date**   **Academic Advisor Signature**   **Date**

Send the completed form to Degree Services, Registrar's Office for processing

Degree Services Use Only:

Credits _____   Course Grade _____   Residency _____   Upper Division _____   Courses Not Double Counted _____   Term Awarded _____