METROPOLITAN COMMUNITY COLLEGE
NEW INSTRUCTIONAL PROGRAM PROPOSAL
Automotive Technology: Toyota T-TEN A.A.S

I. DESCRIPTIVE INFORMATION

- Institution Name: Metropolitan Community College (MCC)
- Proposed Program Name: Automotive Technology: Toyota T-TEN
- Degrees/credentials to be awarded graduates of the program: Associate of Applied Science Degree (A.A.S)
- Other programs offered in this field by this institution: Automotive Technology A.A.S General Degree Program
- CIP Code: 47.0604
- Administrative units for the program: Industrial Technology
- Proposed delivery sites/types of delivery: South Omaha Campus/classroom and lab
- Date approved by governing board: The Metropolitan Community College board of Governors approved this program proposal on December 11, 2018
- Proposed date (term/year) the program will be initiated: Fall of 2019-2020 academic year
- Description and purpose of the proposed program:

  Pending Commission approval, Metropolitan Community College and Toyota North America have reached agreement to establish MCC as one of 34 regional "T-TEN centers" in the United States. As a T-TEN center, MCC will provide Toyota and Lexus-specific automotive training for a four-state region to include Nebraska, Iowa, North and South Dakota.

  The T-TEN program at MCC consists of four quarter/terms of classroom and hands-on automotive systems instruction and 3 quarter/terms of dealer internship hands-on instruction. Each college quarter (term), the student-technicians alternate between instruction classes at MCC and internships at the sponsoring dealer. This alternate instruction will give the student-technician on-the-job training to support their MCC instruction classes. The student will be granted Toyota or Lexus Certified Technician status by Toyota Motors North America upon successful completion of all classes, e-learning modules, internship, and passing of two (2) ASE certifications.

  The goal of the T-TEN program is to train future automotive technicians to work for Toyota dealership service departments. The T-TEN standard requires student technicians to receive two (2) years of training, divided between technical college classroom/lab education and Toyota/Lexus dealership internship education experience. The T-TEN program requires each student to be sponsored by a Toyota or Lexus dealer before entry into the program. The student works at the dealer in a paid internship position for a minimum of one half of the T-TEN training program. When students complete the program, they are available for full-time employment at the sponsoring dealer. The individual sponsorship agreements are determined using recruiting and application processes between the student and the T-TEN coordinator prior to entry in the program.

Program Requirements:

Automotive T-TEN (TTAAS)
Award: Associate of Applied Science Degree
Program Location: MCC South Omaha Campus

Graduation Requirements

General education	27.0
Major requirements	74.0
Total credit hours required	**101.0**

General education requirements (27.0 credit hrs.)

Communications

English level I	4.5 credits
English level II	4.5 credits

Humanities/social sciences

Humanities/social sciences	4.5 credits

Quantitative/Numeracy Skills

Applied Mathematics	4.5 credits

Additional

INFO 1001	Information Systems and Literacy	4.5 credits
HMRL 1010	Human Relations Skills	4.5 credits
or		
RDLS 1200	College Success Strategies	4.5 credits

Automotive T-TEN – Recommended Course Sequence
Below is a suggested guide for students planning a degree in Automotive Technology: TTEN after two years of full-time study.

First Year

Summer Quarter

TTEN 1000	Introduction to Toyota	5.0
RDLS 1200	College Success Strategies	4.5

First Quarter

TTEN 1010	Automotive Electricity I – Toyota	6.0
TTEN 1020	Automotive Electricity II – Toyota	6.0
TTEN 1100	Suspension and Alignment – Toyota	5.0
MATH 1240	Applied Math	4.5

Second Quarter

TTEN 2981	Cooperative Work Experience	4.0
INFO 1001	Information Systems & Literacy	4.5

Third Quarter

TTEN 1110	Automotive Brakes Toyota	6.0
TTEN 1120	Internal Combustion Engines- Toyota	6.0
TTEN 2110	Electronic Engine Controls I-Toyota	6.0
ENGL 1225	Applied Communications	4.5

Second Year

Summer Quarter

TTEN 2120	Electronic Engine Controls II-Toyota	6.0

Fourth Quarter

TTEN 2982	Cooperative Work Experience	4.0
HUMS	Humanities / Social Science	4.5

Fifth Quarter

TTEN 2210	Automatic Transmissions – Toyota	6.0
TTEN 2200	Power Trains – Toyota	5.0
TTEN 2220	Climate Control – Toyota	5.0
ENGL 1245	Applied Communications II	4.5

Sixth Quarter

TTEN 2983	Cooperative Work Experience	4.0

Course Descriptions

TTEN 1000: Intro to Toyota **5 credit hours**

Introduction to Toyota is required for all students entering MCC's T-TEN program. Students will be accepted into the program based on successful completion of MCC's T-TEN application process. User name and passwords will be issued needed for automotive classes. Shop and environmental safety course will be assigned to be completed before students are able to work in the auto shop lab. Includes an introduction to the automotive industry including automotive history, safety practices, shop equipment and tools, vehicle subsystems, service publications, fasteners, professional responsibilities, and automotive maintenance. The policies and procedures needed for the student's dealer internships will be covered. Toyota curriculum is infused to meet the requirements of T-TEN course T256. Instructor approval required. 11 lecture, 22 lab hrs/wk. (3-week course)

TTEN 1010: Automotive Electricity I - Toyota **6 credit hours**

This is the first of two courses focusing on electrical and electronic systems for T-TEN students. Electrical theory, circuits, and devices such as batteries, starters, alternators and test meters will be covered. The identification of different types of circuits and how they work, including the application of Ohm's law to demonstrate the relationship between current, voltage and resistance

is also covered. All concepts discussed in the classroom will be reinforced in lab. The integration of applied mathematics, chemistry, physics, and other scientific concepts is a large portion of this course. Practical skills established include: component identification, wiring techniques, test equipment usage, fault diagnostic strategies, safety practices, and appropriate work habits. Toyota curriculum is infused to meet the requirements of T-TEN course T623. Instructor approval required. 11 lecture, 22 lab hrs/wk. (4-week course)

TTEN 1020: Automotive Electricity II - Toyota **6 credit hours**

In part one of this sequence the topic of study was centered on basic electrical principles. Drawing from your prior learning in part one of this sequence, you will apply that knowledge in detail toward the diagnosis of electrical systems utilizing all resources available. Part II is a study of electrical principles, semiconductor and integrated circuits, digital fundamentals, microcomputer systems, and electrical test equipment as applied to automotive technology. Practical skills established include: diagnosing and repairing electronic input, process, outputs systems, diagnosing and repairing multiplex electronic systems, and diagnosing and repairing wireless electronic systems. Toyota curriculum is infused to meet the requirements of T-TEN course T652. Students complete all NATEF required tasks related to Automotive Electricity & Electronics (A6). Instructor approval required. 11 lecture, 22 lab hrs/wk. (4-week course)

TTEN 1100: Suspension and Alignment - Toyota **5 credit hours**

A study of automotive suspension and steering systems including diagnosis and repair. Fundamentals of front and rear suspension, steering geometry, diagnosing suspension and steering problems, and overhaul techniques are covered in this course. Rebuilding and repair of the different types of front and rear suspensions including strut types are practiced. This course provides a detailed study of wheel balancing including radial force variation, computer controls for steering and suspension systems including inputs, logic, and actuators, and four wheel alignment. Wheel alignment factors and procedures, Steering and Handling concerns and diagnostics are also covered in detail. Toyota curriculum is infused to meet the requirements of T-TEN course T453. Students complete all NATEF required tasks related to Steering & Suspension (A4). Instructor approval required. 11.5 lecture, 23 lab hrs/wk. (3-week course)

TTEN 1110: Automotive Brakes - Toyota **6 credit hours**

A course designed to teach students the principles of automotive brakes. Basic concepts and terminology, fundamental principles, diagnosis and overhaul techniques are an integral part of this course. Special emphasis is placed on the study, diagnosis and repair of braking systems found on late model vehicles. The student should acquire knowledge of brake systems and trouble-shooting procedures for disc and drum brakes. Students will be taught to properly use industry standard equipment to service disk and drum brake components and systems to manufacture standards. Diagnosis and service of computer controlled ABS, VSC, VDIM, & Trac systems integrated into the automotive brake system will be studied. Toyota curriculum is infused to meet the requirements of T-TEN course T553. Students complete all NATEF required tasks related to Automotive Brakes (A5). Instructor approval required. 13 lecture, 27 lab hrs/wk. (3-week course)

TTEN 1120: Internal Combustion Engines – Toyota **6 credit hours**

The operating principles and function of each of the major parts of the reciprocating piston internal combustion engine are presented and discussed. Service, overhaul, and troubleshooting techniques as they relate to each component are also covered. Diagnosis and service of engine

cooling and lubrication systems are covered. Diagnostic procedures for engine concerns are practiced. Removal and installation of engines will also be covered. Toyota curriculum is infused to meet the requirements of T-TEN course T151. Students complete all NATEF required tasks related to Automotive Engines (A1). Instructor approval required. 11 lecture, 22 lab hrs/wk. (4-week course)

TTEN 2110: Electronic Engine Controls I - Toyota **6 credit hours**

Electronic Engine Controls I is the first course of a two-part engine performance series for T-TEN students. The series is designed to provide the training to meet the requirements of NATEF for ASE certification area A8. Toyota curriculum is infused to meet the requirements of T-TEN course T852. The course will consist of six instructional units; Basic Engine Operation, Engine Controls Basics, Air Induction Systems, Ignition Systems, Fuel Systems, Fuel Trim. Approximately one fourth of the class will be classroom and three fourths will consist of lecture/lab activities. Instructor approval required. 11 lecture, 22 lab hrs/wk. (4-week course)

TTEN 2120: Electronic Engine Controls II - Toyota **6 credit hours**

Electronic Engine Controls II is the second course of a two part engine performance series for T-TEN students. The series is designed to provide the training to meet the requirements of NATEF for ASE certification area A8. Toyota curriculum is infused to meet the requirements of T-TEN course T852. Toyota course T874 curriculum is also infused in the series. The course will consist of four instructional units; No Start Diagnosis, OBDII Systems and Misfire, Engine Control System Diagnosis, and Emissions Systems. Approximately one fourth of the class will be classroom and three fourths will consist of lecture/lab activities. Instructor approval required. 11 lecture, 22 lab hrs/wk. (5-week course)

TTEN 2200: Automatic Transmissions - Toyota **6 credit hours**

Provides a comprehensive introduction to automatic transmission theory, service, removal, overhauling, replacing, and diagnostics; including electronic control, hydraulic circuits, torque converters, holding devices, and planetary gear systems. Practical hands-on labs reinforce theories. Students practice component disassembly and reassembly with a variety of Toyota automatic transmissions and transaxles. Students complete all NATEF required tasks related to Automatic Transmission & Transaxles (A2). Toyota curriculum is infused to meet the requirements of T-TEN course T274. Instructor approval required. 11 lecture, 22 lab hrs/wk. (4-week course)

TTEN 2210: Power Trains - Toyota **5 credit hours**

Power Trains details the theory, operation, diagnosis and service of modern Toyota drive train components. This includes information diagnosing, removing, overhauling, and installing of the latest clutches, manual transmissions and transaxles, solid and independent rear axle assemblies, drive shafts, drive axles, U-joints, CV joints and four wheel drive systems. Basic drive train components such as gears, bearings and seals are identified and explained. This course also includes detailed explanations of the operation of electronically controlled systems. Toyota curriculum is infused to meet the requirements of T-TEN course T302. Students complete all NATEF required tasks related to Automotive Manual Transmissions & Drivetrains (A3). Instructor approval required. 11 lecture, 22 lab hrs/wk. (3-week course)

TTEN 2220: Climate Control - Toyota **5 credit hours**
This course covers Toyota's heating, ventilation, and air conditioning systems and the engine cooling system. Lecture sessions are devoted to the purpose, operational theory, and diagnostic processes common to each of the above areas. Lab sessions are provided to develop student skills in servicing, trouble-shooting, and repairing each component within the specific system. Students will work on both components and complete vehicles as part of the learning process. Toyota curriculum is infused to meet the requirements of T-TEN course T752. Students complete all NATEF required tasks related to Automotive HVAC systems (A7). Instructor approval required. 11 lecture, 22 lab hrs/wk. (3-weeks)

TTEN 2981: TTEN Cooperative Work Experience I **4.0 credit hours**
This course is a work-based learning experience that enables the student to apply specialized occupational theory, skills and concepts. A learning plan is developed by the college and the employer. Under the supervision of the college and the employer, the student combines classroom learning with work experience.

TTEN 2982: TTEN Cooperative Work Experience II **4.0 credit hours**
This course is a work-based learning experience that enables the student to apply specialized occupational theory, skills and concepts. A learning plan is developed by the college and the employer. Under the supervision of the college and the employer, the student combines classroom learning with work experience.

TTEN 2983 TTEN Cooperative Work Experience III **4.0 credit hours**
This course is a work-based learning experience that enables the student to apply specialized occupational theory, skills and concepts. A learning plan is developed by the college and the employer. Under the supervision of the college and the employer, the student combines classroom learning with work experience.

II. REVIEW CRITERIA

A. Centrality to Role and Mission

The mission of the college is "Metropolitan Community College delivers relevant, student-centered education to a diverse community of learners." By partnering with Toyota North America, MCC is providing students with an opportunity to earn and learn industry relevant curriculum and gain practical job experience at Toyota dealerships.

Toyota's Technician Training & Education Network (T-TEN) is an automotive technician-training program. A partnership between Toyota, Metropolitan Community College and Toyota and Lexus dealerships, T-TEN is an industry-leading program helping to develop and place factory certified technicians in challenging, rewarding and well paid positions in Toyota and Lexus dealerships across the country. The T-TEN program provides state-of-the art, hands-on automotive diagnosis and repair education and training in classroom and dealership settings.

B. Evidence of Need and Demand

1. Need for the Program

The auto industry is critical to U.S. economic growth and vitality. In 2014, the industry employed over 1.4 million people, and 16.5 million new cars and light trucks hit the streets—the highest since the 2006 record of 16.94 million.*
Job Security

At the end of 2014, more than 800,000 were employed in automotive repair and maintenance.* According to a Bureau of Labor Statistics report, that number is projected to grow to 1.037 million by 2020, adding 200,000 jobs—about 24% growth. Toyota and Lexus dealerships currently project they'll need more than 1000 new technicians every year,* and that need will continue to grow with the sale of new Toyota and Lexus vehicles, adding to the 29.2 million* currently on the road.

All this growth creates career opportunities for T-TEN graduates. And, unlike many other fields, service technician jobs aren't likely to be outsourced to another country.

*Independent survey conducted for Toyota Motor Sales U.S.A.,Inc.–2013

Below is a representation of Toyota Dealerships with MCC's proposed program's regional area. Inventory was captured that included the current number of Toyota technicians employed, the number of stall count within the dealership and the number of MCC T-TEN program student internships each dealership could accommodate

Dealer Name	CITY	Total Technicians	Stall Count	Interns 2016	Interns 2017	Interns 2018
CORNHUSKER TOYOTA	GRAND ISLAND	4	6	1	1	1
ERNST TOYOTA	COLUMBUS	4	10	1	1	1
BAXTER TOY-SCION/LA VISTA	LA VISTA	18	22	1	2	2
PREMIER TOYOTA	NORTH PLATTE	2	6	1	1	1
BAXTER TOY-SCION/LINCOLN	LINCOLN	16	14	2	2	2
WAGNER TOYOTA	MCCOOK	3	13	1	1	1
TEAM TOYOTA	SCOTTSBLUFF	12	21	1	1	1
VILLAGE POINTE TOYOTA-SCI	OMAHA	18	30	5	5	3
CORWIN TOY-SCION/BELLEVUE	BELLEVUE	9	12	2	5	3
LLOYDS TOYOTA	JAMESTOWN	4	7	0	1	0
LAKE TOYOTA	DEVILS LAKE	4	8	1	0	0
CORWIN TOYOTA	FARGO	23	36			
DAN PORTER HONDA-TOYOTA	DICKINSON	9	14	0	0	0

Dealer Name	CITY	Total Technicians	Stall Count	Interns 2016	Interns 2017	Interns 2018
CEDRIC THEEL TOYOTA	BISMARCK	7	23	1	1	1
MINOT TOYOTA CENTER	MINOT	5	5	0	1	0
LITHIA TOYOTA/GRAND FORKS	GRAND FORKS	6	12			
HARR TOYOTA	ABERDEEN	10	13	2	2	3
BILLION TOYOTA	SIOUX FALLS	7	16	1	4	5
TOYOTA OF THE BLACK HILLS	RAPID CITY	9	16	1	1	1
SHARP CHEVY-CAD-TOYOTA	WATERTOWN	10	22	1	1	1
GATEWAY TOYOTA	PIERRE	2	9	1	2	2
LEXUS OF OMAHA	OMAHA			4	5	6
LEXUS OF LINCOLN	LINCOLN					
Totals		182	315	27	37	34

**Information from Toyota dealerships from Lincoln, Nebraska, and the State of Iowa is forthcoming.*

2. Demand for the Program

   The number of students expected to enroll in the proposed T-TEN program is generated and evident by the dealership need represented above. The proposed program is a partnership with MCC, Toyota, and the regional Toyota Dealerships. By design, students enrolled into the program will also be "sponsored" by a Toyota dealership. The "sponsorship" includes a paid position for students to gain cooperative work experiences as the student advances through the T-TEN curriculum.

Cohort	# of students	First Year Students	Second Year Students
Fall 2019	14	14	0
Fall 2020	32	22	10
Fall 2021	40	22	18
Fall 2022	42	22	20
Fall 2023	54*	34	20

*2 sections of 1st year students

C. Adequacy of Resources
   1. Faculty and Staff Resources
      - To sufficiently operate the proposed T-TEN program, 2 full-time faculty are necessary. Two full-time faculty have been added to MCC's existing automotive program, and they will move full-time to the T-TEN program, once the program is approved.

2. Physical Facilities
    - MCC will offer this program in a space currently dedicated to Automotive Technology.

Space Description	Existing SF
General Purpose Classrooms / Computer Labs	7,522
Common / Shared Spaces	3,706
Administration Faculty Offices	1,646
Auto Technology Lab Spaces	13,164
Total SF*	**26,038**

* A new state-of-the-art Automotive Center is in the planning stages. It will add 90,000 ASF for Automotive programs, including T-TEN

3. Instructional Equipment and Informational Resources
    - During the start-up phase for the proposed T-TEN program, Toyota North America will donate approximately $500,000 in Toyota Vehicles, Parts, and Equipment. From an instructional equipment and informational resources perspective, MCC will need to invest very little.
    - Specifically, support from Toyota during program startup phase includes:
        - 13 Toyota Vehicles model years 2016-2017
        - 13 Transmission Transaxle Assemblies
        - 8 Drive Shafts
        - 8 Transfer Case Assemblies
        - 6 Carrier Assemblies
    - Specialty tools and equipment will be provided as the program ramps up. As part of ongoing program sustainability, Toyota will reimburse the College for T-TEN program-related expenses such as costs associated with advisory committee meetings, as well as faculty and staff travel for training, recruitment, and outreach.

4. Budget Projections
    - Please see Table 1 and 2 (attached)

D. Avoidance of Unnecessary Duplication

1. The Toyota T-TEN program is awarded to institutions on a regional basis. Per an agreement with Toyota North America, Metropolitan Community College would be the only community college in Nebraska, South Dakota, North Dakota, and Iowa to offer this degree.

2. The following educational and vocational institutions are approved to offer the T-TEN program:

Shoreline Community College	Shoreline, Washington
Umpqua Community College	Rosebud, Oregon
Spokane Community College	Spokane, Washington
Clark College	Vancouver, Washington
Citrus College	Glendora, California
Cypress College	Cypress, California
Miramar College	San Diego, California
Ventura College	Ventura, California
Columbia Greene Community College	Hudson, New York
Lakes Regional Community College	Laconia, New Hampshire
Massachusetts Bay Community College	Ashland, Massachusetts
Monroe Community College	Rochester, New York
Suffolk Community College	Selden, New York
Community College of Baltimore County	Catonsville, Maryland
Tidewater Community College	Chesapeake, Virginia
Atlantic Technical Center	Coconut Creek, Florida
Miami Lakes Educational Center	Miami Lakes, Florida
Lawson State Community College	Bessemer Campus
Orange Technical College	Orlando, Florida
Forsyth College	Winston Salem, North Carolina
Gateway Community College	Phoenix Arizona
San Juan College	Farmington, New Mexico
Job Corps	Clearfield, Utah
Texas State Technical College	Waco, Texas
OSU Institute of Technology	Okmulgee, Oklahoma
Eastfield College	Mesquite, Texas
San Jacinto College Central	Pasadena, Texas
Tarrant County Community College	Fort Worth, Texas
Dunwoody College of Technology	Minneapolis, Minnesota
Jefferson Community Technical College	Louisville, Kentucky
Ranken Technical College	St. Louis, Missouri
Stark State College of Technology	North Canton, Ohio
Ivy Tech Community College	Indianapolis, Indiana

E. Consistency with the Comprehensive Statewide Plan for Postsecondary Education Major Statewide Goals

The proposed Toyota TTEN program is consistent with the statewide goals featured in Nebraska's Comprehensive Statewide Plan for Postsecondary Education by:

- Meeting the needs of students: T-TEN is an industry-leading program helping to develop and place factory certified technicians in challenging, rewarding and well paid positions in Toyota and Lexus dealerships across the country. The T-TEN program provides students the opportunity to participate in state-of-the art, hands-on

automotive diagnosis and repair education and training in classroom and dealership settings.

- Meeting the needs of the state: As identified in the dealership table above, Toyota dealerships in Scottsbluff, McCook, North Platte, Grand Island, Lincoln, Bellevue, LaVista and Omaha will be served by students completing the program. In the Omaha area alone, Toyota and Lexus dealerships plan to add service bays to their service departments to expand their service departments.

- Meeting the needs by building exemplary institutions: The implementation of the proposed TTEN program will enhance the college's reputation as an exemplary institution. This degree program will be unique to MCC in the state and a four-state region, and it fulfills the mission of the college to deliver "…relevant student-centered education to a diverse community of learners."

- Meeting educational needs through partnerships and collaboration: A partnership between Toyota, Metropolitan Community College and Toyota and Lexus dealerships will meet the need of trained technicians for Toyota and Lexus dealership throughout a multi-state region. As identified within this document, Toyota North America will donate valuable equipment, parts, and equipment to provide an industry relevant educational experience for students. Additionally, dealerships across the multi-state region have partnered with MCC to provide students with a paid cooperative work experience as student advance through the T-TEN degree path.

- Facilities Planning to Meet Educational Needs: MCC will be able to offer this program in the current lab and classroom space dedicated to Automotive Technology.

TABLE 1: PROJECTED EXPENSES - NEW INSTRUCTIONAL PROGRAM

	FY 2020 Year 1		FY 2021 Year 2		FY 2022 Year 3		FY 2023 Year 4		FY 2024 Year 5		**Total**	
Personnel	**FTE**	Cost	FTE	Cost	FTE	Cost	FTE	Cost	FTE	Cost	**FTE**	**Cost**
Faculty [1]	2	$199,302	2	$205,281	2	$211,389	2	$217,700	2	$224,281	2	$1,057,953
Professional [2]											0	$0
Graduate assistants											0	$0
Support staff	0.5	$21,000	0.5	$21,900	0.5	$23,500	0.5	$25,000	0.5	$27,500	0.5	$118,900
Subtotal	2.5	$220,302	2.5	$227,181	2.5	$234,889	2.5	$242,700	2.5	$251,781	2.5	$1,176,853
Operating												
General Operating [3]		$25,000		$15,000		$15,000		$20,000		$25,000		$100,000
Equipment [4]		$50,000		$25,000		$25,000		$25,000		$25,000		$150,000
New or renovated space [5]												$0
Library/Information Resources												$0
Other												$0
Subtotal		$75,000		$40,000		$40,000		$45,000		$50,000		$250,000
Total Expenses	2.5	$295,302.00	2.5	$267,181.00	2.5	$274,889.00	2.5	$287,700.00	2.5	$301,781.00	**2.5**	**$1,426,853.00**

[1] Salaries for 2 full-time instructors plus fringe benefits calculated at 30% of salary

[2] With the increase in student enrollment, a .5 fte Lab Technician will be needed to support the program.

[3] Includes allowances for faculty development, laboratory supplies, travel, memberships, office supplies, communications, data processing, equipment maintenance, rentals, etc.

[4] Anticipated expenditures for the acquisition of new, upgrades of, or replacement of existing equipment necessary for the implementation and/or operation of the program.

[5] Projected expenditures for construction of new automotive training facility have been submitted separately.

CCPE; 11/19/08

MCC Toyota T-TEN TABLE 2: REVENUE SOURCES FOR PROJECTED EXPENSES - NEW INSTRUCTIONAL PROGRAM

	FY 2020 Year 1	FY 2021 Year 2	FY 2022 Year 3	FY 2023 Year 4	FY 2024 Year 5	**Total**
Reallocation of Existing Funds [1]						$0
Required New Public Funds [2]						$0
1. State Funds						$0
2. Local Tax Funds (community colleges)						$0
Tuition and Fees [3]	$48,300	$112,608	$138,509	$151,800	$171,311	$622,528
Other Funding [4]						$0
1 Toyota North America	$375,000	$125,000	$25,000	$75,000	$25,000	$625,000
2 Private Donation*						$0
3 Non-credit, CEU's for Industry**						$0
Total Revenue [5]	$423,300	$237,608	$163,509	$226,800	$196,311	$1,247,528

[4] External funding or donations: 1. Toyota North America, per a signed agreement, will donate new model vehicles, parts, and equipment to support the T-TEN program. Specialty tools and equipment will be provided as the program ramps up. As part of ongoing program sustainability, Toyota will reimburse the College for T-TEN program-related expenses such as costs associated with advisory committee meetings, as well as faculty and staff travel for training, recruitment, and outreach. 2. Additionally, MCC is seeking private funding from donors to support the T-TEN program. The private funding requests will support T-TEN scholarships and personnel. 3. MCC T-TEN faculty will have the opportunity to provide noncredit CEU training for incumbent workers in industry.

[5]Tuition revenue is calculated at MCC's current tuition rate. The program expects to enroll a cohort of 14 students the Fall of 2019. Each additional Fall quarter start, the program is designed to accept and enroll 22 students.