

IT Mobile Applications Developer

PROGRAM CODE: 10-152-8



Associate Degree

**Location:** Downtown Milwaukee Campus**Start Dates:** August and January**Admission Requirement:** High school diploma or equivalent**Academic Preparedness Requirement:** One year of high school-level algebra**Financial Aid Eligible:** Yes. Use code 003866 at fafsa.gov.

Program Description

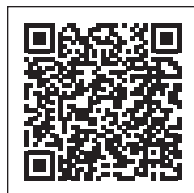
Develop your skills in software development with an emphasis on creating mobile applications. You will learn essential programming skills while developing mobile applications for both iOS and Android platforms.

Career Outlook

There is a growing need for qualified mobile application developers. Graduates of this program also may find employment in programming or operations and systems analysis.

Program Learning Outcomes

- Gather mobile requirements.
- Design mobile applications.
- Integrate mobile data technologies.
- Build mobile applications.
- Develop technical documentation for mobile applications.
- Implement current platforms support.

**Complete Program Details****QUESTIONS?** 414-297-6319 or stempathway@matc.edu

COURSES

CREDITS

| | |
|-------------------|--|
| ENG-195 | Written Communication ‡.....3 (or) ENG-201 English 1 ‡ |
| ITDEV-110 | Introduction to Object-Oriented Programming ‡3 |
| ITDEV-117 | Logic and Problem-Solving.....3 |
| WEBDEV-114 | Web Development With HTML/CSS3 |
| ENG-197 | Technical Reporting ‡.....3 (or) Any 200-level ENG or SPEECH course |
| ITDEV-115 | Intermediate Object-Oriented Programming ‡3 |
| ITDEV-140 | Programming With Java ‡3 |
| ITDEV-150 | Database Management With SQL3 |
| ITDEV-160 | Web Programming With Scripts (JavaScript)3 |
| ITDEV-154 | Data Structures and Programming ‡3 |
| ITDEV-161 | Web Programming 1 ‡.....3 |
| ITDEV-181 | Mobile Application Development ‡.....3 |
| MATH-123 | Math With Business Applications ‡.....3 (or) Any 200-level MATH course |
| PSYCH-199 | Psychology of Human Relations.....3 (or) Any 200-level PSYCH course |
| ELECTIVES | (Three credits).....3 |
| IT-107 | Social Networking and Business Communications3 |
| ITDEV-177 | Systems Analysis and Design ‡3 |
| ITDEV-182 | Hybrid Mobile App Development ‡.....3 |
| ITDEV-184 | iPhone and iOS Mobile App Development3 |
| SOCSCI-197 | Contemporary American Society3 (or) Any 200-level SOCSCI or HIST course |

CREDITS

Total credits needed to complete this degree

60

‡ Prerequisite required.

Program curriculum requirements are subject to change.

Current MATC students should consult their Academic Program Plan for specific curriculum requirements.

MATC courses are offered in person, entirely online or partially online. Check each course's delivery options in Self-Service at selfservice.matc.edu.