



Transfer Guide

Oakland Community College

BS Computer Science – Computer Programming

This Program Guide is designed to provide a seamless transition between the AAS in Computer Information Systems – Software Engineering Option degree at Oakland Community College and the BS Computer Science with concentration in Computer Programming degree at Baker College.

For additional information about Baker College’s transfer process and available scholarships, please visit our [Transfer Students](#) page.

PROGRAM REQUIREMENTS

TRANSFER CREDITS FROM OAKLAND COMMUNITY COLLEGE

| Degree Program | Credit Hours |
|---|--------------|
| ASSOCIATE IN APPLIED SCIENCE IN CIS – SOFTWARE ENGINEERING OPTION | 62 |

ADDITIONAL COURSES THAT MAY BE COMPLETED WITH OAKLAND COMMUNITY COLLEGE

| Course | Number | Course Title | Credit Hours |
|--------|--------|---|--------------|
| CIS | 1550 | INTRODUCTION TO SECURE PROGRAMMING | 3 |
| CIS | 1630 | SECURITY POLICY, LEGAL, ETHICS AND COMPLIANCE | 3 |
| CIS | 2637 | BIG DATA AND NoSQL SYSTEMS | 3 |
| CIS | 2757 | C# PROGRAMMING | 4 |
| MAT | 1630 | PRECALCULUS | 4 |
| XXX | XXX | NATURAL SCIENCE ELECTIVE | 3 |

TOTAL CREDITS TRANSFERRED FROM OAKLAND COMMUNITY COLLEGE 82

COURSES TO BE COMPLETED WITH BAKER COLLEGE – BS COMPUTER SCIENCE - COMPUTER PROGRAMMING

| Course | Number | Course Title | Credit Hours |
|--------|--------|---|--------------|
| CIS | 3010 | COMPUTER ARCHITECTURE | 3 |
| CIS | 4010 | ADVANCED COMPUTER ARCHITECTURE | 3 |
| CS | 3220 | DATA STRUCTURES AND ALGORITHMS II | 3 |
| CS | 3910 | EMERGING PROGRAMMING LANGUAGES | 3 |
| CS | 4110 | ARTIFICIAL INTELLIGENCE | 3 |
| CS | 4410 | IoT DEVICES | 3 |
| CS | 4510 | UNIT TESTING AND INTERFACES | 3 |
| CS | 4910 | SENIOR PROJECT I | 3 |
| CS | 4920 | SENIOR PROJECT II | 3 |
| HUM | 3910 | INTEGRATED SEMINAR | 3 |
| ITS | 2310 | LINUX I | 3 |
| SOC | 3050 | PERSONAL, CIVIC AND GLOBAL PERSPECTIVES | 3 |
| WRKIT | 4010 | WORK EXPERIENCE | 3 |

TOTAL CREDIT HOURS REMAINING AT BAKER COLLEGE 39
PROGRAM TOTAL 121

ARTICULATION AGREEMENT

This transfer guide is part of a formal articulation agreement between Baker College and Oakland Community College. The complete, signed document is kept on file at both Oakland Community College and Baker College.

Transfer Guide

Name of Community College

Name of Baker College Degree

ARTICULATION AGREEMENT

This transfer guide is part of a formal articulation agreement between Baker College and ENTER NAME OF COMMUNITY COLLEGE. The complete, signed document is kept on file at both ENTER NAME OF COMMUNITY COLLEGE and Baker College.

Effective Date: START DATE (Month Day, Year) — END DATE (Month Day, Year)