

Program Scorecard 2018-19

IT-Software Developer 10-152-1

| Student Demographics | 2018-19 | | 2017-18 | | 2016-17 | |
|----------------------------|---------|---------|---------|---------|---------|---------|
| | Number | Percent | Number | Percent | Number | Percent |
| Full-Time | 117 | 61% | 103 | 64% | 102 | 64% |
| Part-Time | 75 | 39% | 57 | 36% | 58 | 36% |
| Disabilities | 11 | 6% | 12 | 8% | 10 | 6% |
| Minorities | 21 | 11% | 20 | 13% | 22 | 14% |
| Financial Aid | 107 | 55% | 84 | 52% | 90 | 54% |
| Male | 164 | 85% | 137 | 86% | 135 | 84% |
| Female | 28 | 15% | 23 | 14% | 24 | 15% |
| Mean Age | 27 | | 27 | | 26 | |
| Median Age | 24 | | 25 | | 24 | |
| Mode Age | 19 | | 20 | | 19 | |
| Bias per WTCS (NTO) | Female | | Female | | Female | |
| Total Program Students | 192 | | 160 | | 160 | |
| Total Pre-Program Students | 1 | | 3 | | 7 | |

NOTE: Demographics include program students only, with the exception of financial aid

| Student Interest | 2018-19 | 2017-18 | 2016-17 | 2015-16 | 2014-15 |
|-----------------------|---------|---------|---------|---------|---------|
| New Accepted Students | 109 | 106 | 81 | 63 | 66 |
| Capacity | 120 | 123 | 93 | 54 | 54 |
| Percent Capacity | 91% | 86% | 87% | 117% | 122% |
| FTEs | 128 | 126 | 120 | 120 | 116 |
| Fall/Spring Waitlist | 0 | 0 | 0 | 17 | 9 |

| Graduate Placement | 2018-19 | 2017-18 | 2016-17 | 2015-16 | 2014-15 |
|---------------------------|---------|---------|---------|---------|---------|
| Graduates | 38 | 33 | 36 | 33 | 29 |
| Employed in Related Field | NA | 75% | 50% | 79% | 56% |
| Seeking Employment | NA | 14% | 11% | 0% | 22% |
| Continuing Education | NA | 26% | 40% | 18% | 14% |
| Survey Response Rate | NA | 66% | 50% | 61% | 72% |

| Wages & Openings | 2017-18 |
|-----------------------------------|----------|
| CVTC Graduate Average Hourly Wage | \$22.20 |
| CVTC Graduate Average Yearly Wage | \$47,903 |
| Regional Entry Level Yearly Wage | \$53,664 |
| Regional Job Openings | 43 |

| CVTC Key Performance Indicator Goals | | |
|--------------------------------------|-------|--------|
| | Goal | Actual |
| Graduation within 3 years | 55% | 42% |
| Job Related Placement | 90% | 87% |
| Aidable FTEs | 3,984 | 3,832 |

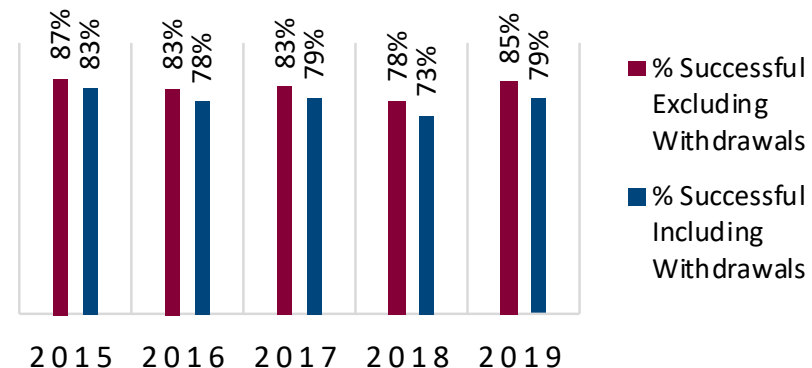
| Graduation Rates | Cohort Year | | | | | 3-Year Program Target | WTCS |
|---------------------------|-------------|---------|---------|---------|---------|-----------------------|------|
| | 2016-17 | 2015-16 | 2014-15 | 2013-14 | 2012-13 | | |
| Graduation within 3 Years | 36% | 35% | 28% | 30% | 25% | 36% | 13% |
| Graduation within 4 Years | NA | 38% | 35% | 35% | 28% | 41% | 16% |

| Retention Rates | Academic Year | | | | | 3-Year Program Target |
|---------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-----------------------|
| | Fall 2018 to Fall 2019 | Fall 2017 to Fall 2018 | Fall 2016 to Fall 2017 | Fall 2015 to Fall 2016 | Fall 2014 to Fall 2015 | |
| Fall-to-Fall Retention | 54% | 56% | 57% | 65% | 56% | 61% |
| Core Courses | 2018-19 | 2017-18 | 2016-17 | 2015-16 | 2014-15 | |
| Course Success Rate | 81% | 77% | 81% | 80% | 84% | 85% |
| Withdraw Rate | 5% | 4% | 5% | 4% | 3% | NA |
| General Education Courses | 2018-19 | 2017-18 | 2016-17 | 2015-16 | 2014-15 | |
| Course Success Rate | 74% | 73% | 78% | 74% | 80% | 80% |
| Withdraw Rate | 12% | 7% | 4% | 8% | 6% | NA |

| Technical Skills Attainment | 2018-19 | 2017-18 | 2016-17 | 2015-16 | 2014-15 |
|-----------------------------|---------|---------|---------|---------|---------|
| Met | 23 | 22 | 24 | 6 | 0 |
| Not Met | 0 | 2 | 1 | 1 | 0 |
| Not Assessed | 0 | 0 | 1 | 0 | 0 |

| Student Surveys | 2018-19 | 2017-18 | 2016-17 | 2015-16 | CVTC |
|---------------------------------------------------------------------|---------|---------|---------|---------|------|
| SSI- Instructional Effectiveness by Program (scale of 1 to 7) | 6.4 | | 6.1 | | 6.3 |
| CCSSE- Active & Collaborative Learning by Cluster (scale of 1 to 4) | | 2.3 | | 2.3 | 2.4 |

COURSE SUCCESS



CVTC Course Success Goal: 80%

CAREER CLUSTER
Information Technology

IT-Software Developer (10-152-1)
2018-19 Course Success

| Delivery Method | Successful Count | Unsuccessful Count | Withdrawal Count | Enrollment Count | % Successful Excluding Withdrawals | % Successful Including Withdrawals |
|--------------------------------|------------------|--------------------|------------------|------------------|------------------------------------|------------------------------------|
| Web Conferencing | 28 | 1 | 0 | 29 | 97% | 97% |
| Blended (less than 50% online) | 424 | 80 | 28 | 532 | 84% | 80% |
| Face-to-Face | 53 | 11 | 3 | 67 | 83% | 79% |
| Online | 513 | 94 | 52 | 659 | 85% | 78% |
| Telepresence | 6 | 1 | 2 | 9 | 86% | 67% |
| Grand Total | 1,024 | 187 | 85 | 1,296 | 85% | 79% |

| Course & Delivery Method | Successful Count | Unsuccessful Count | Withdrawal Count | Enrollment Count | % Successful Excluding Withdrawals | % Successful Including Withdrawals |
|---------------------------------------------|------------------|--------------------|------------------|------------------|------------------------------------|------------------------------------|
| 152-101 Programming Fundamentals | 59 | 13 | 2 | 74 | 82% | 80% |
| Blended (less than 50% online) | 27 | 11 | 0 | 38 | 71% | 71% |
| Online | 32 | 2 | 2 | 36 | 94% | 89% |
| 152-103 .NET Application Development | 51 | 4 | 4 | 59 | 93% | 86% |
| Blended (less than 50% online) | 22 | 2 | 0 | 24 | 92% | 92% |
| Online | 29 | 2 | 4 | 35 | 94% | 83% |
| 152-105 .NET-ASP | 35 | 9 | 2 | 46 | 80% | 76% |
| Online | 35 | 9 | 2 | 46 | 80% | 76% |
| 152-106 Computer Concepts | 68 | 20 | 12 | 100 | 77% | 68% |
| Blended (less than 50% online) | 36 | 10 | 7 | 53 | 78% | 68% |
| Online | 32 | 10 | 5 | 47 | 76% | 68% |
| 152-107 Web 1-HTML & CSS | 70 | 15 | 7 | 92 | 82% | 76% |
| Blended (less than 50% online) | 38 | 9 | 1 | 48 | 81% | 79% |
| Online | 32 | 6 | 6 | 44 | 84% | 73% |
| 152-108 Web 2 - JavaScript | 53 | 8 | 3 | 64 | 87% | 83% |
| Blended (less than 50% online) | 25 | 5 | 0 | 30 | 83% | 83% |
| Online | 28 | 3 | 3 | 34 | 90% | 82% |
| 152-112 Business Intelligence | 29 | 5 | 2 | 36 | 85% | 81% |
| Online | 29 | 5 | 2 | 36 | 85% | 81% |

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2018-19 Course Success

| Course & Delivery Method | Successful Count | Unsuccessful Count | Withdrawal Count | Enrollment Count | % Successful Excluding Withdrawals | % Successful Including Withdrawals |
|-----------------------------------------------|------------------|--------------------|------------------|------------------|------------------------------------|------------------------------------|
| 152-113 Introduction to Programming | 87 | 5 | 2 | 94 | 95% | 93% |
| Online | 87 | 5 | 2 | 94 | 95% | 93% |
| 152-114 iOS Development | 40 | 7 | 4 | 51 | 85% | 78% |
| Blended (less than 50% online) | 40 | 7 | 4 | 51 | 85% | 78% |
| 152-115 Advanced iOS Development | 18 | 0 | 0 | 18 | 100% | 100% |
| Blended (less than 50% online) | 18 | 0 | 0 | 18 | 100% | 100% |
| 152-126 Agile Prog w Design Patterns | 36 | 2 | 1 | 39 | 95% | 92% |
| Blended (less than 50% online) | 30 | 2 | 1 | 33 | 94% | 91% |
| Web Conferencing | 6 | 0 | 0 | 6 | 100% | 100% |
| 152-129 Java Web Programming | 35 | 4 | 5 | 44 | 90% | 80% |
| Blended (less than 50% online) | 19 | 1 | 1 | 21 | 95% | 90% |
| Online | 16 | 3 | 4 | 23 | 84% | 70% |
| 152-132 Database 1 | 53 | 23 | 3 | 79 | 70% | 67% |
| Blended (less than 50% online) | 30 | 10 | 3 | 43 | 75% | 70% |
| Online | 23 | 13 | 0 | 36 | 64% | 64% |
| 152-136 Database 2 | 44 | 4 | 2 | 50 | 92% | 88% |
| Online | 44 | 4 | 2 | 50 | 92% | 88% |
| 152-142 Object Oriented Programming | 40 | 13 | 6 | 59 | 75% | 68% |
| Blended (less than 50% online) | 22 | 6 | 2 | 30 | 79% | 73% |
| Online | 18 | 7 | 4 | 29 | 72% | 62% |
| 152-151 Android Development | 15 | 4 | 1 | 20 | 79% | 75% |
| Blended (less than 50% online) | 10 | 1 | 1 | 12 | 91% | 83% |
| Online | 5 | 3 | 0 | 8 | 63% | 63% |
| 152-159 Web Multimedia | 38 | 9 | 0 | 47 | 81% | 81% |
| Blended (less than 50% online) | 23 | 5 | 0 | 28 | 82% | 82% |
| Online | 15 | 4 | 0 | 19 | 79% | 79% |
| 152-161 3D Simulation Development | 12 | 0 | 2 | 14 | 100% | 86% |
| Blended (less than 50% online) | 12 | 0 | 2 | 14 | 100% | 86% |
| 152-164 Database-Driven Web Design/Dev | 38 | 4 | 1 | 43 | 90% | 88% |
| Blended (less than 50% online) | 32 | 3 | 1 | 36 | 91% | 89% |
| Web Conferencing | 6 | 1 | 0 | 7 | 86% | 86% |

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2018-19 Course Success

| Course & Delivery Method | Successful Count | Unsuccessful Count | Withdrawal Count | Enrollment Count | % Successful Excluding Withdrawals | % Successful Including Withdrawals |
|----------------------------------------------|------------------|--------------------|------------------|------------------|------------------------------------|------------------------------------|
| 152-166 IT Developer Capstone | 23 | 0 | 0 | 23 | 100% | 100% |
| Blended (less than 50% online) | 7 | 0 | 0 | 7 | 100% | 100% |
| Web Conferencing | 16 | 0 | 0 | 16 | 100% | 100% |
| 152-182 IT Developer Internship | 17 | 2 | 1 | 20 | 89% | 85% |
| Face-to-Face | 17 | 2 | 1 | 20 | 89% | 85% |
| 801-136 English Composition 1 | 18 | 4 | 4 | 26 | 82% | 69% |
| Blended (less than 50% online) | 3 | 0 | 2 | 5 | 100% | 60% |
| Face-to-Face | 6 | 3 | 2 | 11 | 67% | 55% |
| Online | 8 | 1 | 0 | 9 | 89% | 89% |
| Telepresence | 1 | 0 | 0 | 1 | 100% | 100% |
| 801-196 Oral/Interpersonal Comm | 30 | 12 | 6 | 48 | 71% | 63% |
| Blended (less than 50% online) | 1 | 2 | 0 | 3 | 33% | 33% |
| Face-to-Face | 11 | 4 | 0 | 15 | 73% | 73% |
| Online | 16 | 6 | 5 | 27 | 73% | 59% |
| Telepresence | 2 | 0 | 1 | 3 | 100% | 67% |
| 801-197 Technical Reporting | 25 | 5 | 2 | 32 | 83% | 78% |
| Face-to-Face | 8 | 0 | 0 | 8 | 100% | 100% |
| Online | 17 | 5 | 2 | 24 | 77% | 71% |
| 804-133 Math & Logic | 54 | 10 | 9 | 73 | 84% | 74% |
| Blended (less than 50% online) | 29 | 6 | 3 | 38 | 83% | 76% |
| Online | 25 | 4 | 6 | 35 | 86% | 71% |
| 809-196 Intro to Sociology | 19 | 3 | 2 | 24 | 86% | 79% |
| Face-to-Face | 2 | 1 | 0 | 3 | 67% | 67% |
| Online | 14 | 1 | 1 | 16 | 93% | 88% |
| Telepresence | 3 | 1 | 1 | 5 | 75% | 60% |
| 809-199 Psychology of Human Relations | 17 | 2 | 2 | 21 | 89% | 81% |
| Face-to-Face | 9 | 1 | 0 | 10 | 90% | 90% |
| Online | 8 | 1 | 2 | 11 | 89% | 73% |
| Grand Total | 1,024 | 187 | 85 | 1,296 | 85% | 79% |