

ASSESSMENT DAY

College of Business, Engineering and Technology

School of Computer Science

March 24, 2022

Strengths

Challenges

Recommendations

Academic Assessment

	LEVEL	FOCUS	CONDUCTED BY	FREQUENCY
Academic Success Committee	Program	<ul style="list-style-type: none"> Quality of assessment practices 	Committee of peers	Years 1 & 2
Instructional Program Review	Program / Cluster	<ul style="list-style-type: none"> Enrollment, retention, completion Industry certifications and job placement Program budget and staffing Advisory committees Curriculum changes 	Committee of peers	Year 3
Assessment Day	Course/ Program	<ul style="list-style-type: none"> Enrollment by demographics Graduation and retention Average class size Course success rate Placement rate SLOs, PLOs and ILOs 	Program Chair and Faculty	Years 1, 2, 3

Programs

[0820 - Applied Technology Specialist](#)

[2013 - Computer Engineering Technology](#)

[2067 - Computer Information Technology](#)

[0938 - Computer Programming](#)

[2047 - Computer Programming and Analysis \(Software Engineering Technology\)](#)

[0821 - Computer-Aided Design and Drafting](#)

[2234 - Database Technology](#)

[2003 - Electronics Engineering Technology](#)

[2232 - Engineering Technology](#)

[0823 - Engineering Technology Support Specialist](#)

[0903 - Information Technology Analysis](#)

[0904 - Network Server Administration](#)

[2002 - Network Systems Technology](#)

[0909 - Web Development Specialist](#)

School of Computer Science

Last Assessment Day Action Items

Last Assessment Day (03-11-2021)

- Anindya to cross check number of graduates;
- Look at number of credits students are taking, path they are on to graduation (Inspire-engagement opportunities – work with Karla);
- Contact Lonnie re: students with disabilities should not be advised to take 7-week courses

For IR: Check graduation rates for 2005 (Internet Services Technology) for 2017; check student zip codes (to expand programs to other campuses)

Program Learning Outcomes

Network Systems Technology #200200

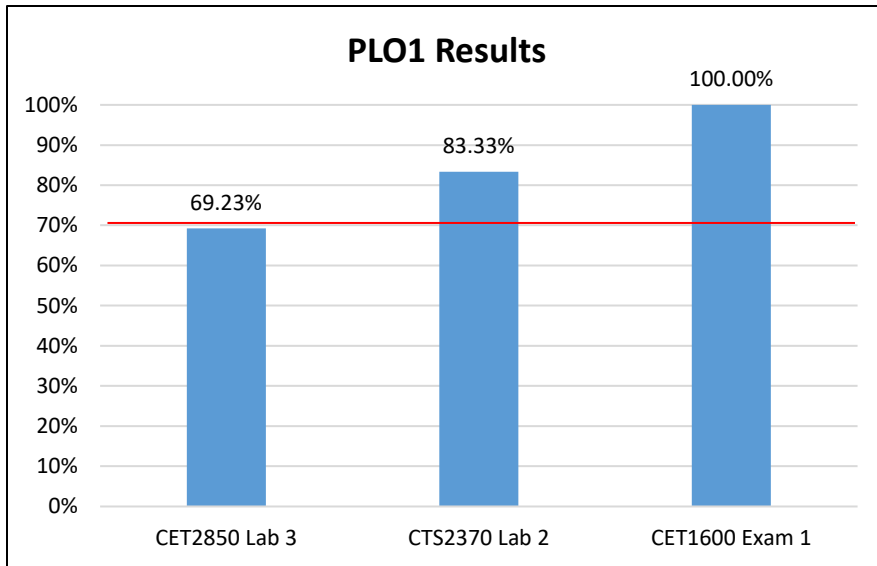
Certificate Network Server Administration #090400

Graduates of the program will be able to:

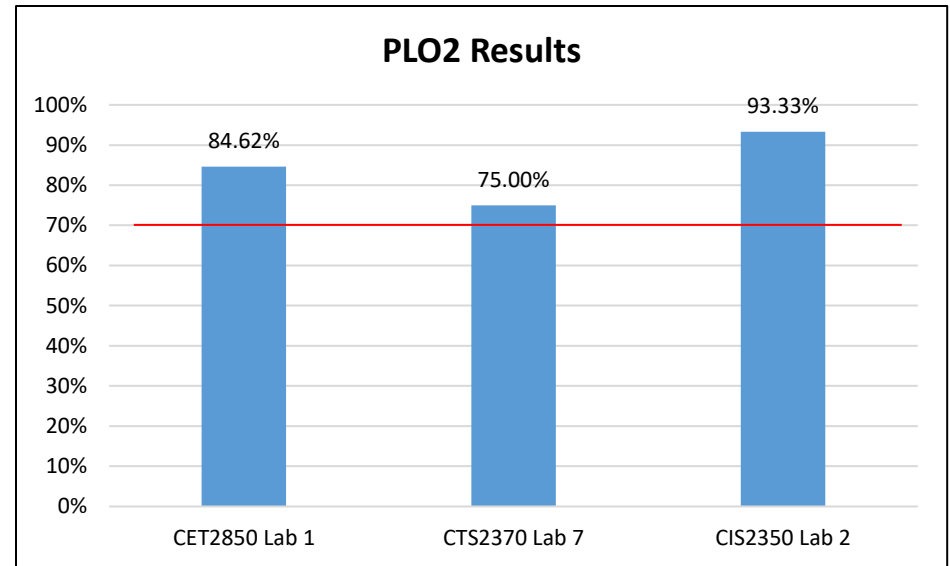
1. Analyze a problem, and identify and define the network services requirements appropriate to its solution.
2. Design, implement and evaluate a network services based system, process, component, or program to meet desired needs.
3. Apply knowledge of network services appropriate to the discipline.
4. Function effectively on teams to accomplish a common goal.
5. Apply and understand professional, ethical, legal, security, and social issues and responsibilities.
6. Communicate effectively with a range of audiences.
7. Analyze the local and global impact of network services on individuals, organizations and society.
8. Recognize the need for, and an ability to engage in, continuing professional development.
9. Use current techniques, skills, and tools necessary for network services practices.
10. Apply network services foundations and theory in the modeling and design of network services based systems in a way that demonstrates comprehension of the tradeoffs involved in design choices.
11. Apply design and development principles in the construction of network services systems of varying complexity.

Assessment Results 2020-2021

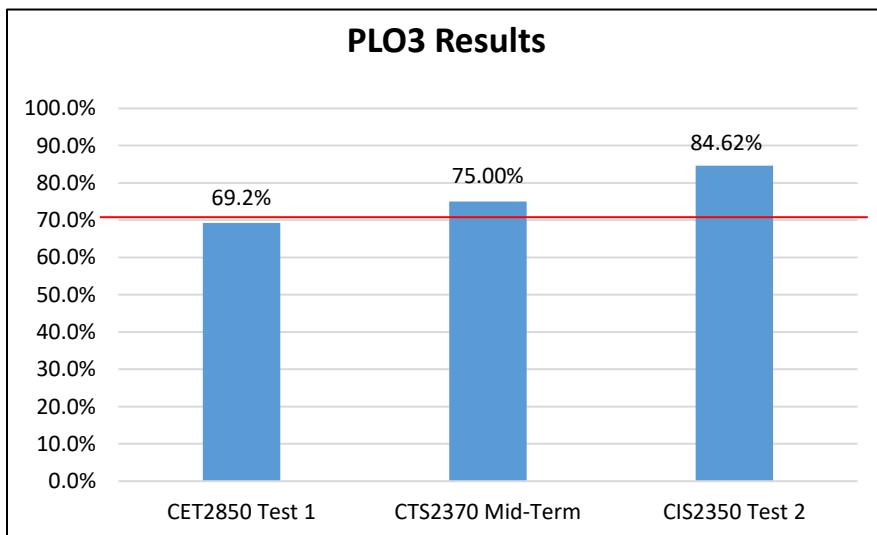
#200200 and #090400



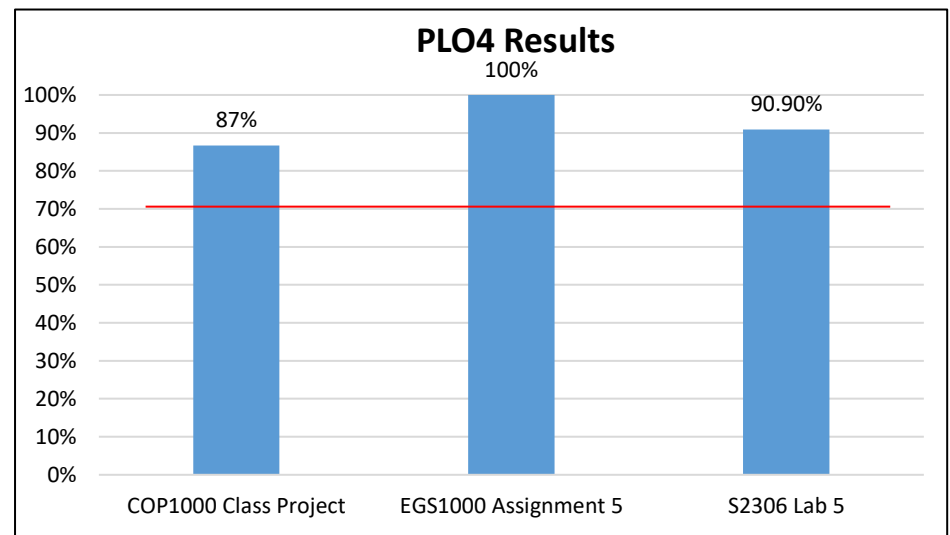
PO1: Analyze a problem, and identify and define the network services requirements appropriate to its solution. *Target: 70% of students achieving 70% or higher in all assessment measures*



PO2: Design, implement and evaluate a network services based system, process, component, or program to meet desired needs. *Target: 70% of students achieving 70% or higher in all assessment measures*



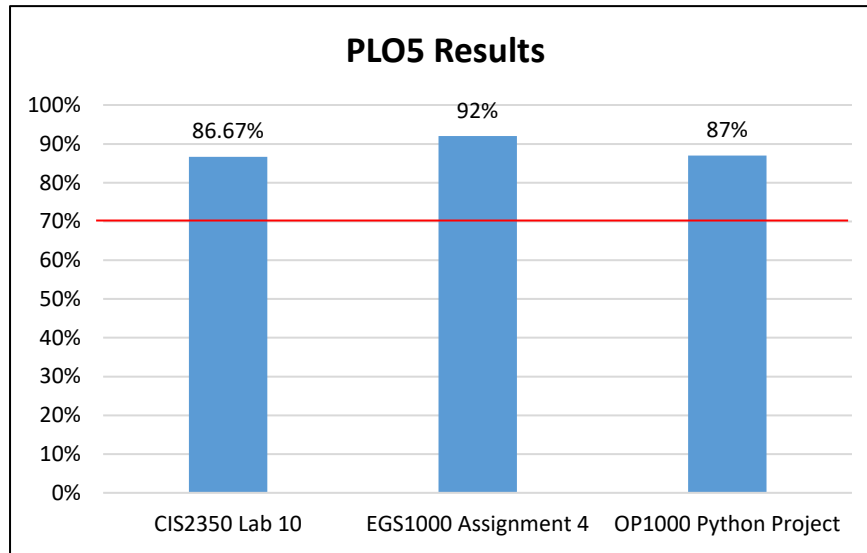
PO3: Apply knowledge of network services appropriate to the discipline. *Target: 70% of students achieving 70% or higher in all assessment measures*



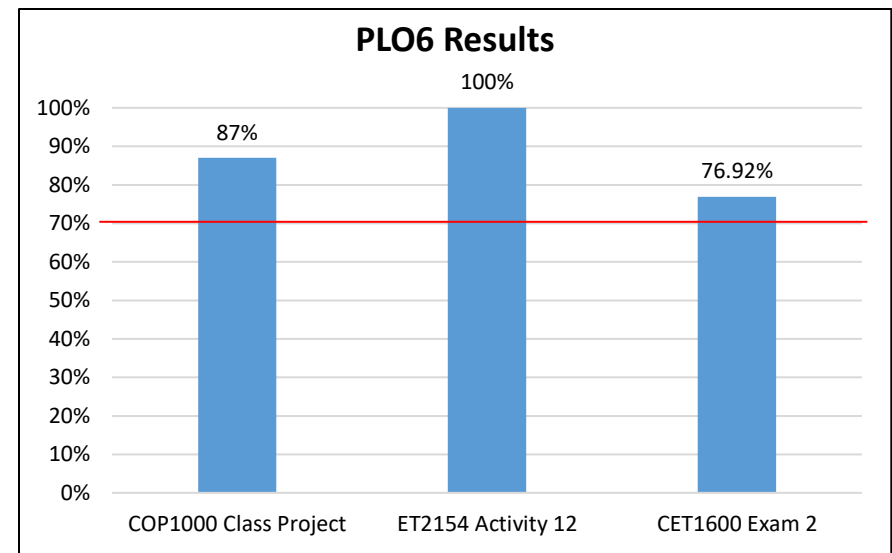
PO4: Function effectively on teams to accomplish a common goal. *Target: 70% of students achieving 70% or higher in all assessment measures*

Assessment Results 2020-2021

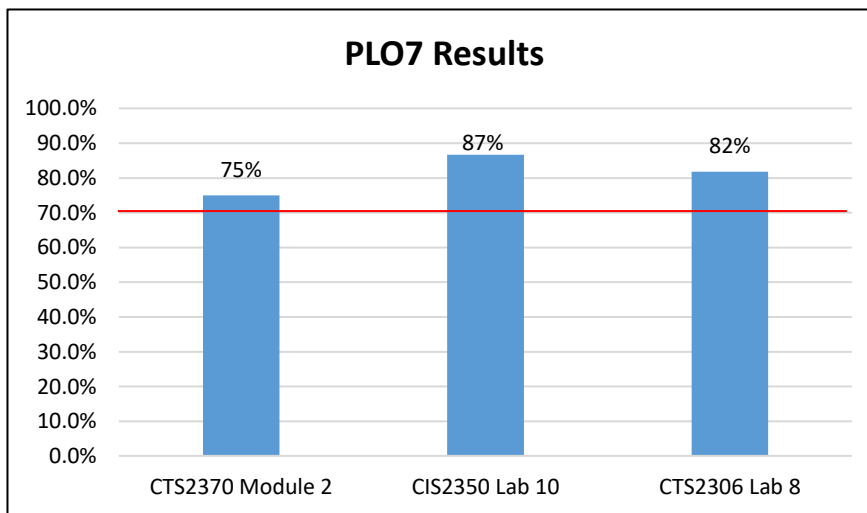
#200200 and #090400



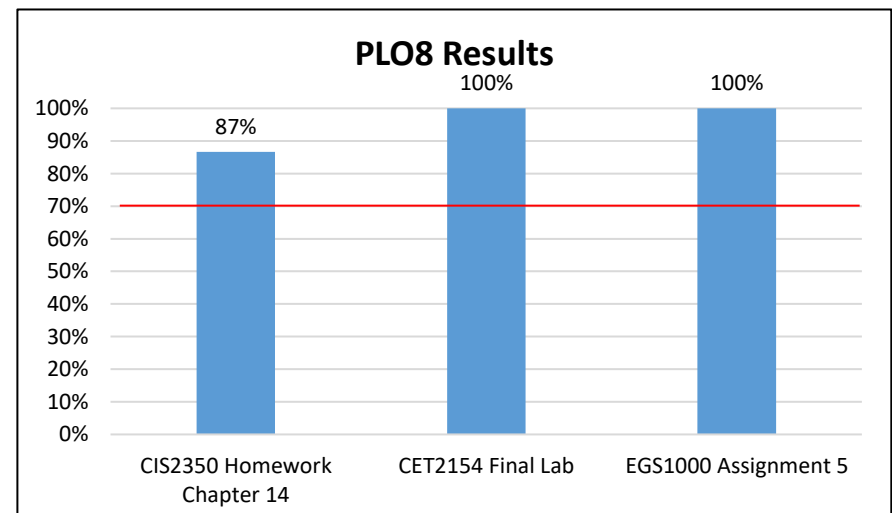
PO5: Apply and understand professional, ethical, legal, security, and social issues and responsibilities. *Target: 70% of students achieving 70% or higher in all assessment measures*



PO6: Communicate effectively with a range of audiences. *Target: 70% of students achieving 70% or higher in all assessment measures.*



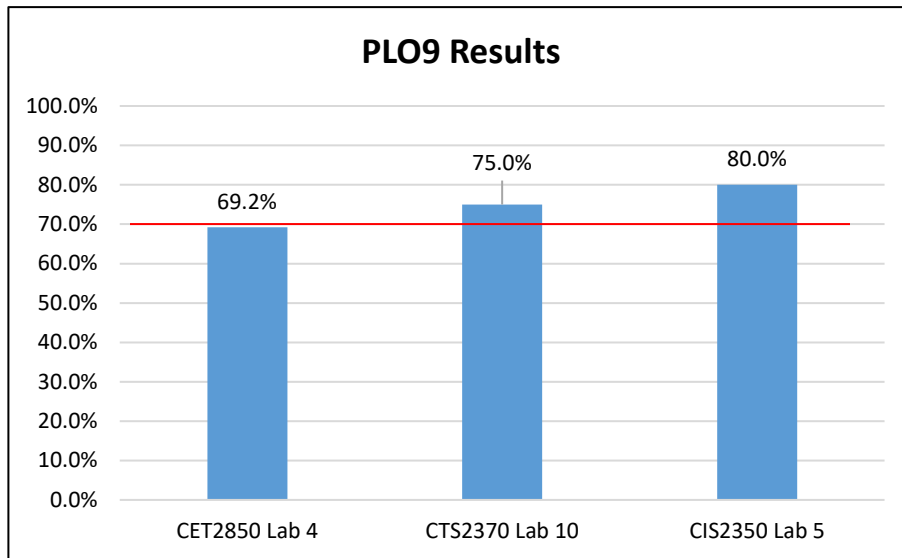
PO7: Analyze the local and global impact of network services on individuals, organizations and society. *Target: 70% of students achieving 70% or higher in all assessment measures.*



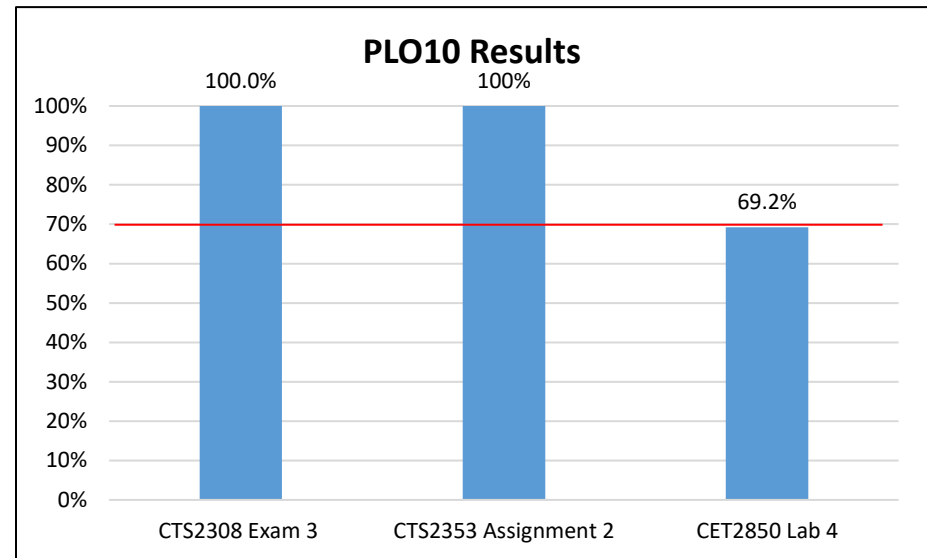
PO8: Recognize the need for, and an ability to engage in, continuing professional development. *Target: 70% of students achieving 70% or higher*

Assessment Results 2020-2021

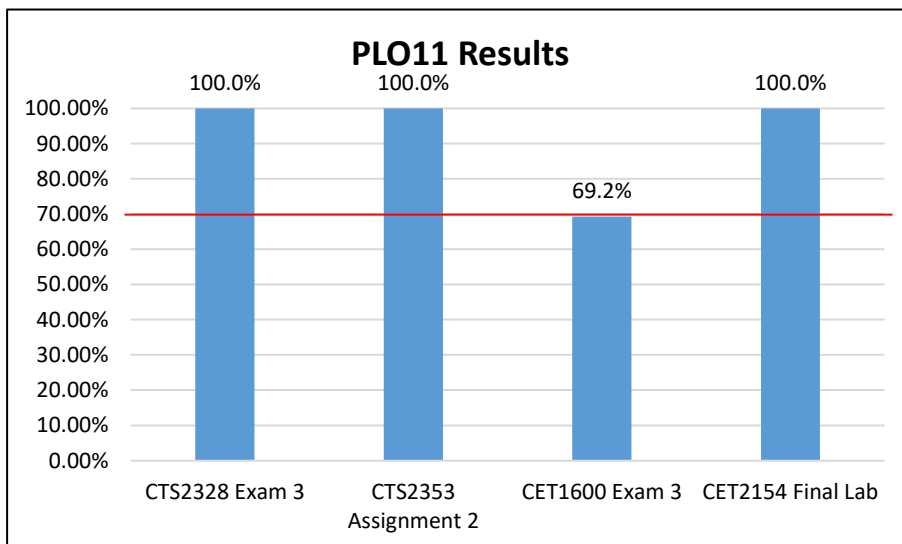
#200200 and #090400



PO9: Use current techniques, skills, and tools necessary for network services practices. *Target: 70% of students achieving 70% or higher in all assessment measures.*



PO10: Apply network services foundations and theory in the modeling and design of network services based systems in a way that demonstrates comprehension of the tradeoffs involved in design choices. *Target: 70% of students achieving 70% or higher in all assessment measures*



PO11: Apply design and development principles in the construction of network services systems of varying complexity. *Target: 70% of students achieving 70% or higher*

Program Learning Outcomes

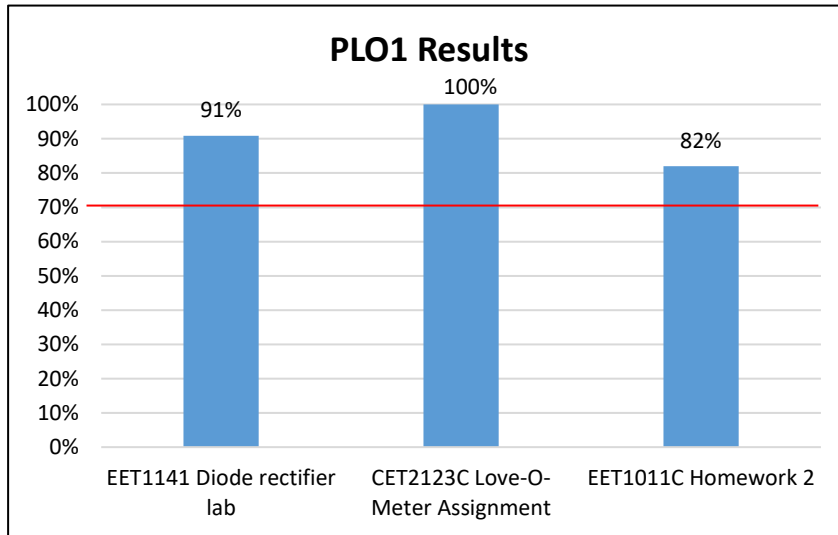
AS Electronics Engineering Technology #200300

Graduates of the program will be able to:

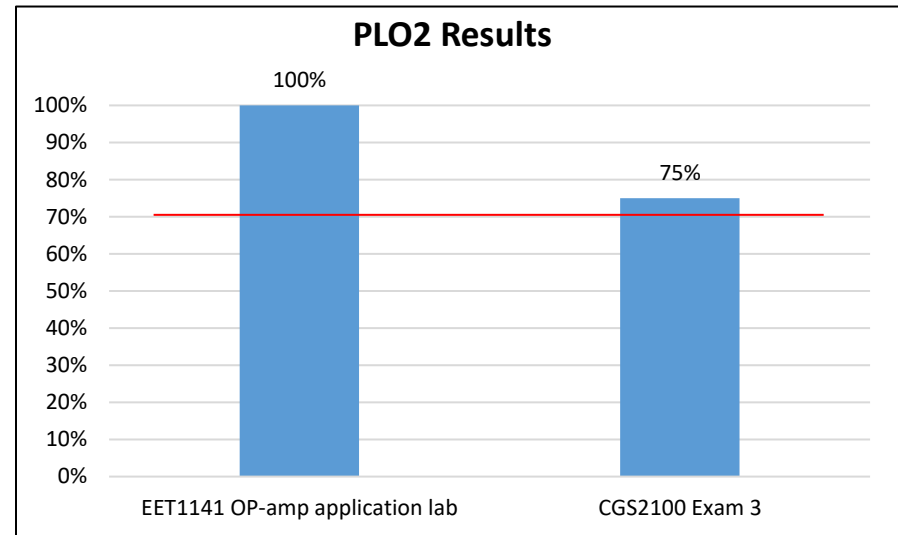
1. Apply knowledge of mathematics, basic science, and engineering to solve problems encompassing the fundamental areas of electronic engineering technology.
2. Apply knowledge of one or more disciplines within electronic engineering technology to the solution of technical problems.
3. Identify and analyze applications of electrical components or systems to meet desired needs.
4. Create and conduct experiments to acquire needed data, and to analyze and interpret data to solve engineering technology problems.
5. Demonstrate proficiency in the use of computers and other modern tools and skills to solve technical problems.
6. Comply with and function as a member of a diverse multidisciplinary team in the solution of engineering problems.
7. Demonstrate proficiency in communicating ideas and information orally and in writing.
8. Relate the need for, and an ability to learn new concepts as required for the continuing practice of electronic engineering technology.
9. Comprehend ethical responsibility and professional integrity issues related to the practice of electronic engineering technology.
10. Comprehend contemporary technological and societal issues, and the impact of technology on society in both a local and global context.

Assessment Results 2020-2021

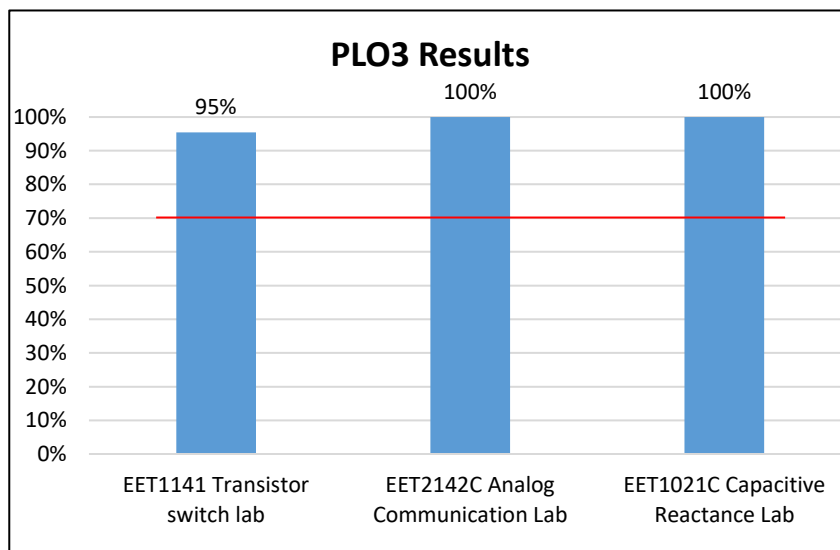
AS Electronics Engineering Technology #200300



PO1: Apply knowledge of mathematics, basic science, and engineering to solve problems encompassing the fundamental areas of electronic engineering technology. *Target: 70% of students will achieve 70% of higher in all assessment measures.*



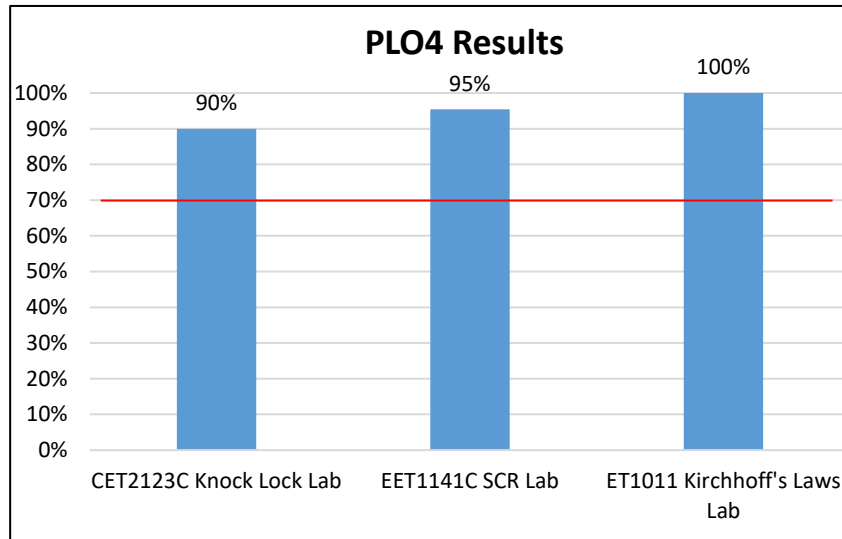
PO2: Apply knowledge of one or more disciplines within electronic engineering technology to the solution of technical problems. *Target: 70% of students will achieve 70% of higher in all assessment measures.*



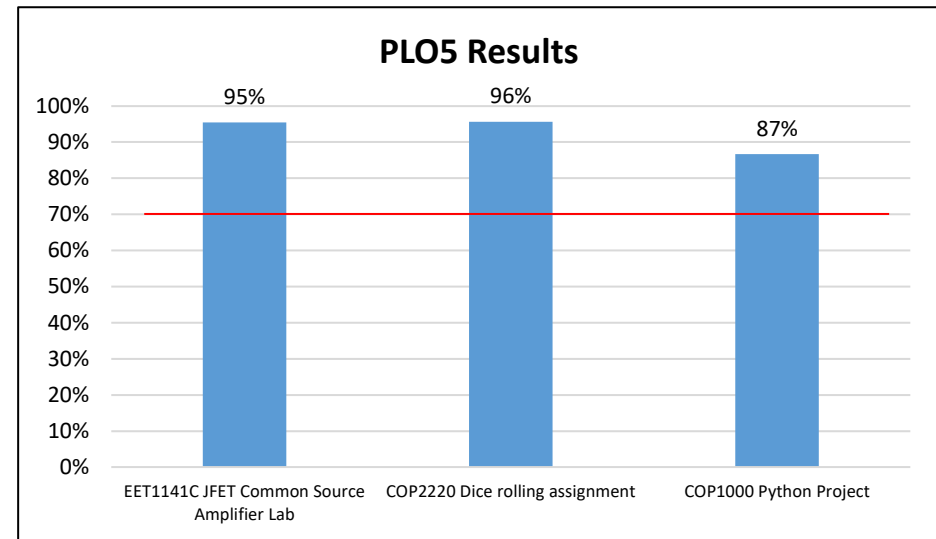
PO3: Identify and analyze applications of electrical components or systems to meet desired needs. *Target: 70% of students will achieve 70% of higher in all assessment measures.*

Assessment Results 2020-2021

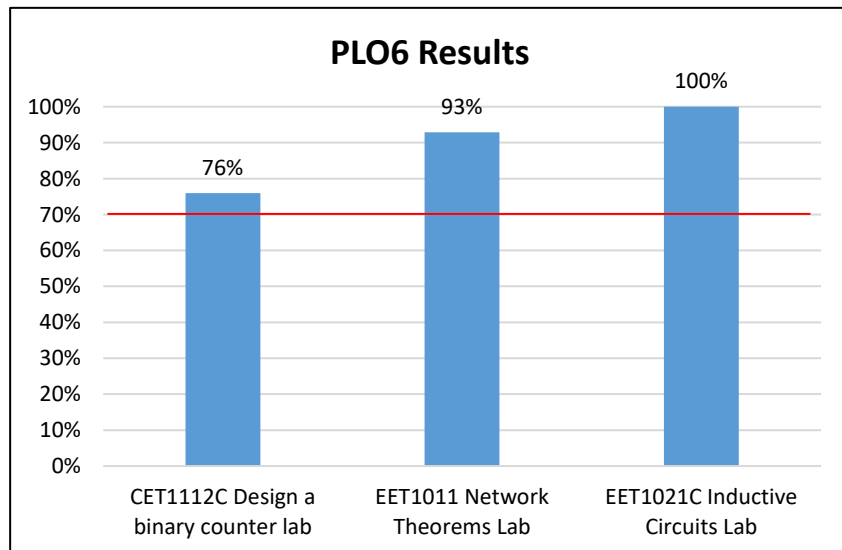
AS Electronics Engineering Technology #200300



PO4: Create and conduct experiments to acquire needed data, and to analyze and interpret data to solve engineering technology problems. *Target: 70% of students will achieve 70% of higher in all assessment measures.*



PO5: Demonstrate proficiency in the use of computers and other modern tools and skills to solve technical problems. *Target: 70% of students will achieve 70% of higher in all assessment measures.*

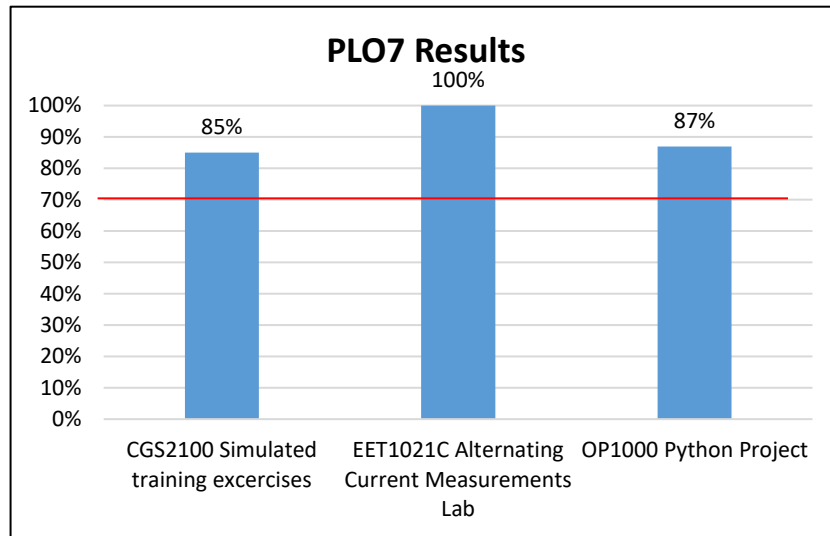


Check Results for the first assignment on the report

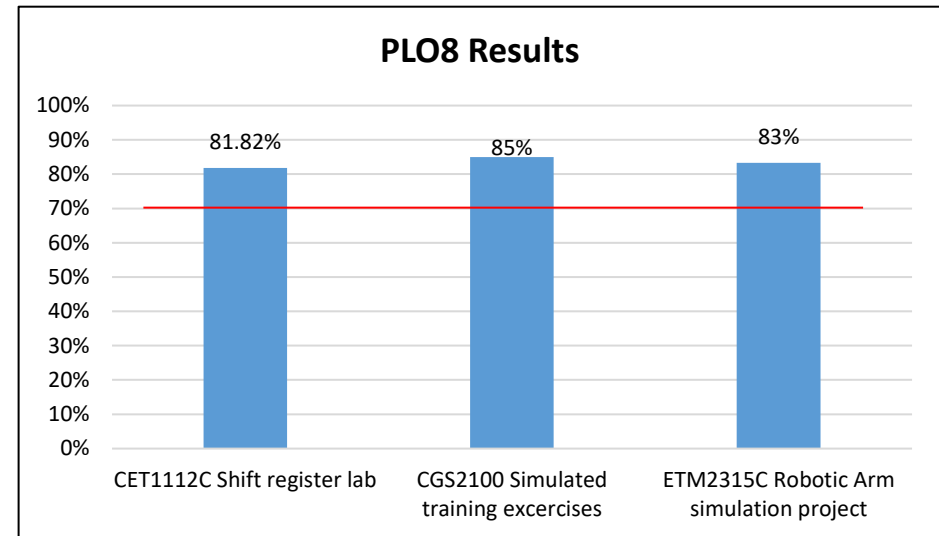
PO6: Comply with and function as a member of a diverse multidisciplinary team in the solution of engineering problems. *Target: 70% of students will achieve 70% of higher in all assessment measures.*

Assessment Results 2020-2021

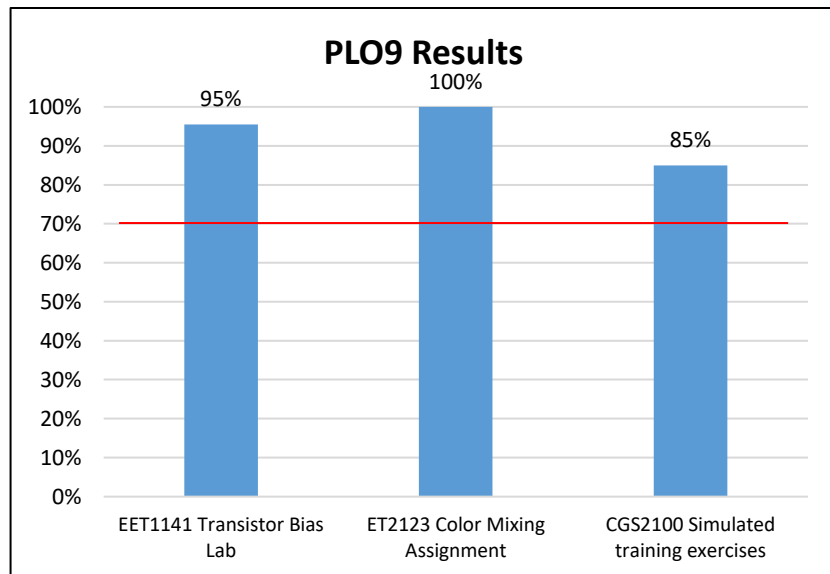
AS Electronics Engineering Technology #200300



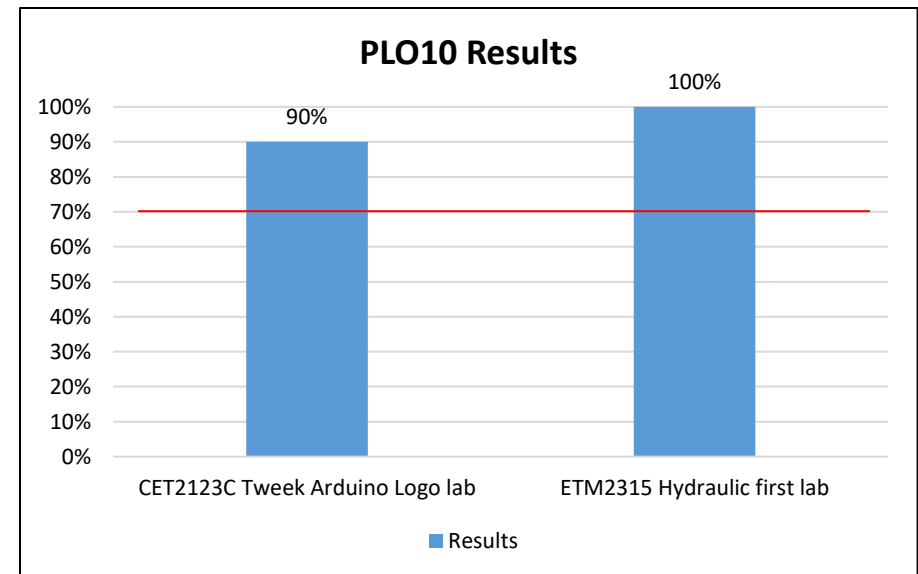
PO7: Demonstrate proficiency in communicating ideas and information orally and in writing. *Target: 70% of students will achieve 70% of higher in all assessment measures.*



PO8: Relate the need for, and an ability to learn new concepts as required for the continuing practice of electronic engineering technology. *Target: 70% of students will achieve 70% of higher in all assessment measures.*



PO9: Comprehend ethical responsibility and professional integrity issues related to the practice of electronic engineering technology. *Target: 70% of students will achieve 70% of higher in all assessment measures.*



PO10: Comprehend contemporary technological and societal issues, and the impact of technology on society in both a local and global context. *Target: 70% of students will achieve 70% of higher in all assessment measures.*

Program Learning Outcomes

AS Computer Engineering Technology #201300

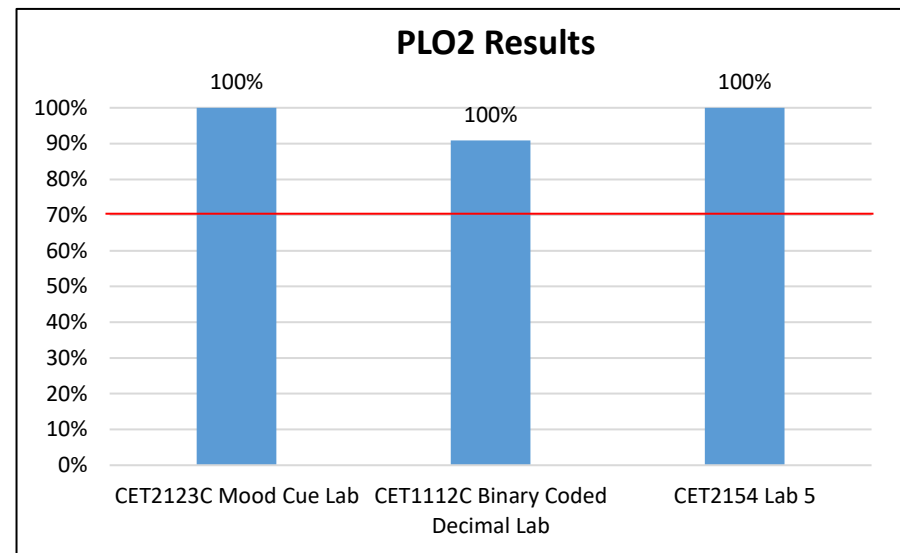
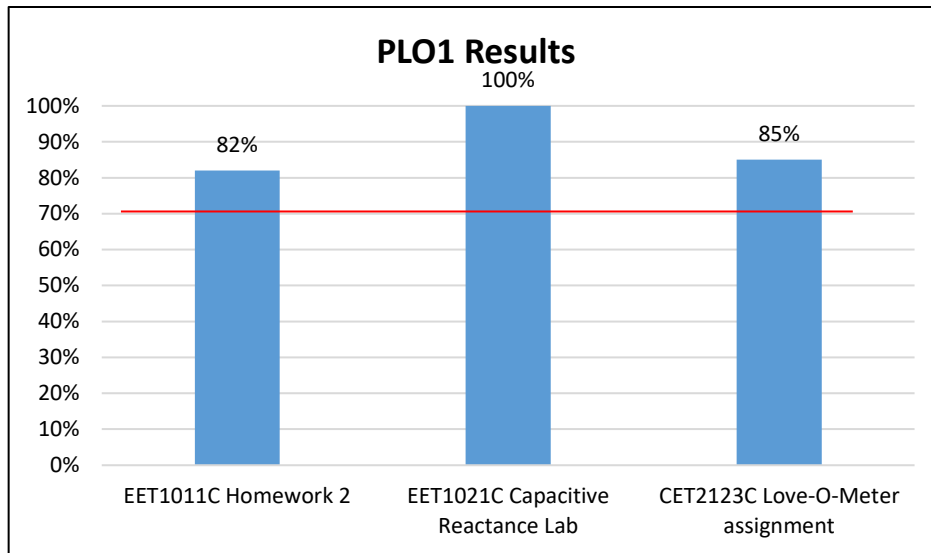
Certificate Microcomputer Repairer Technology #090700

Graduates of the program will be able to:

1. Apply knowledge of mathematics, basic science, and engineering technology to solve problems encompassing the fundamental areas of computer engineering technology.
2. Apply knowledge of one or more disciplines to the application, installation, operation, and/or maintenance of computer systems.
3. Conduct and create experiments to acquire needed data and to analyze and interpret the data to solve engineering technology problems.
4. Comply and function as a member of a diverse multidisciplinary team in the solution of engineering problems.
5. Demonstrate proficiency in communicating ideas and information orally and in writing.
6. Relate the need for, and an ability to learn and apply new concepts as required in the continually evolving and rapidly changing practice of computer engineering technology.
7. Comprehend ethical responsibility and professional integrity issues as related to computer technology.
8. Comprehend contemporary technological and societal issues and the impact of computer technology on society in both a local and global context.

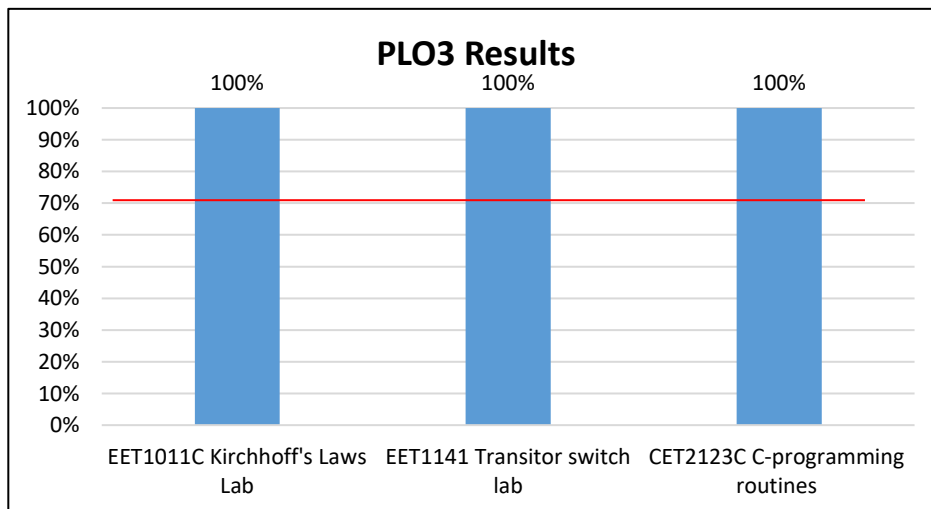
Assessment Results 2020-2021

#201300 and #090700

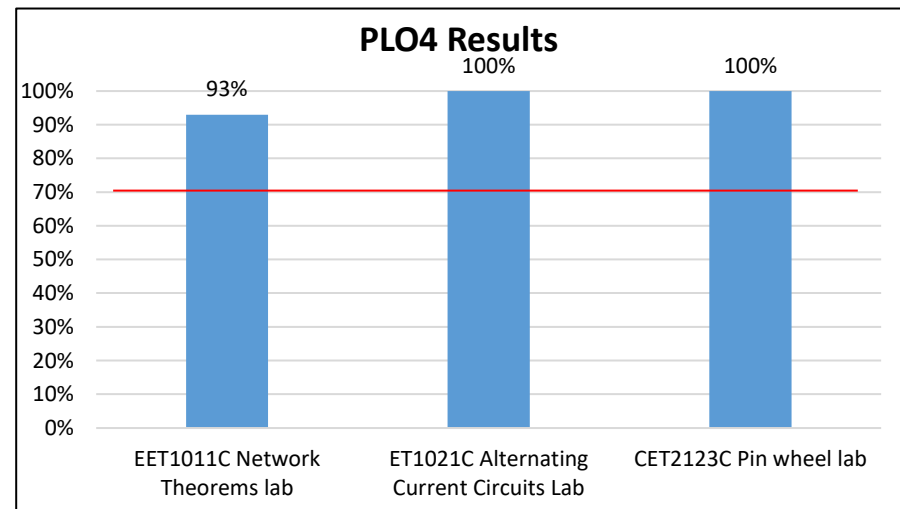


PO1: Apply knowledge of mathematics, basic science, and engineering technology to solve problems encompassing the fundamental areas of computer engineering technology. *Target: 70% of students will achieve 70% of higher in all assessment measures.*

PO2: Apply knowledge of one or more disciplines to the application, installation, operation, and/or maintenance of computer systems. *Target: 70% of students will achieve 70% of higher in all assessment measures.*



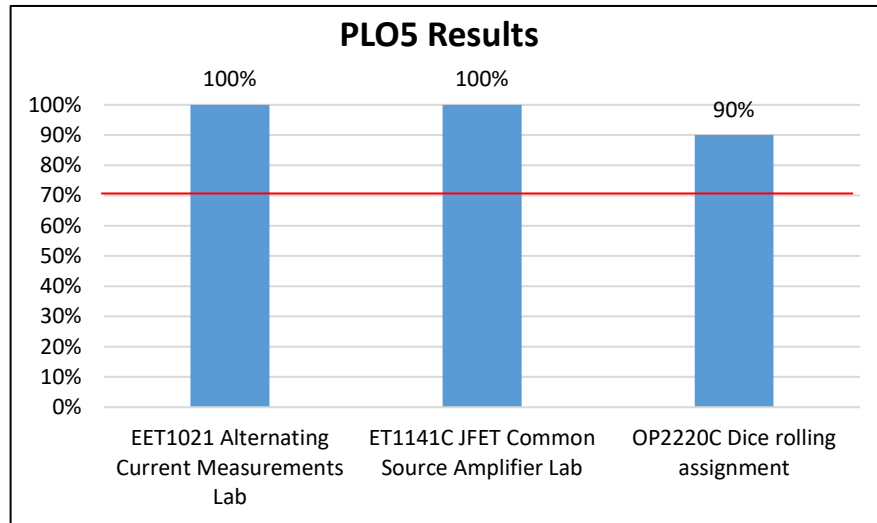
PO3: Conduct and create experiments to acquire needed data and to analyze and interpret the data to solve engineering technology problems. *Target: 70% of students will achieve 70% of higher in all assessment measures.*



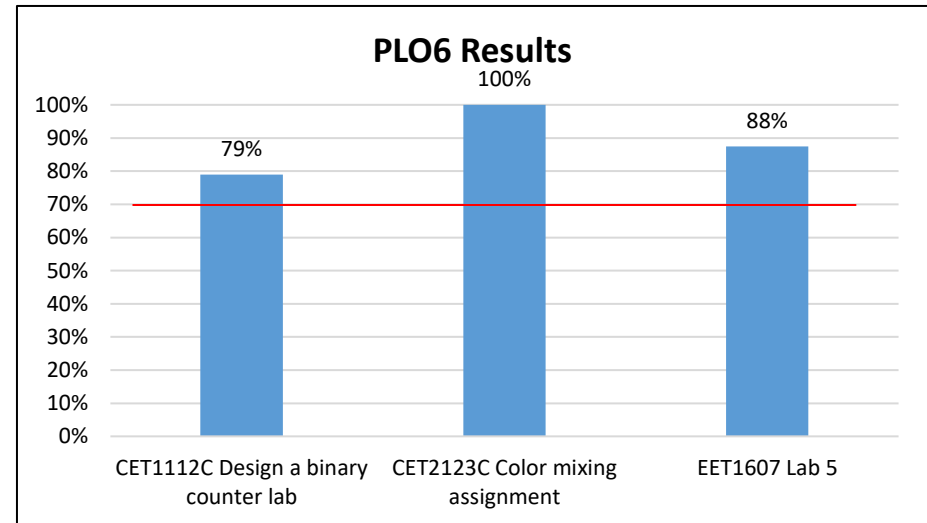
PO4: Comply and function as a member of a diverse multidisciplinary team in the solution of engineering problems. *Target: 70% of students will achieve 70% of higher in all assessment measures.*

Assessment Results 2020-2021

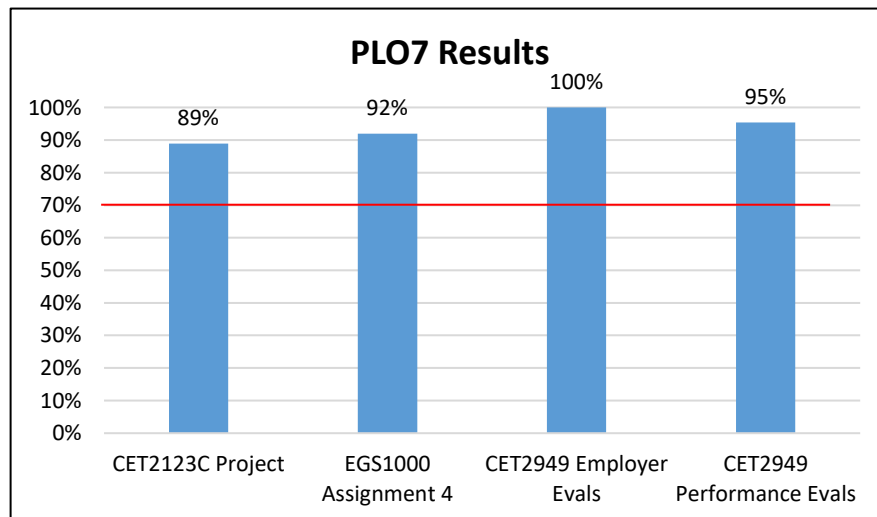
#201300 and #090700



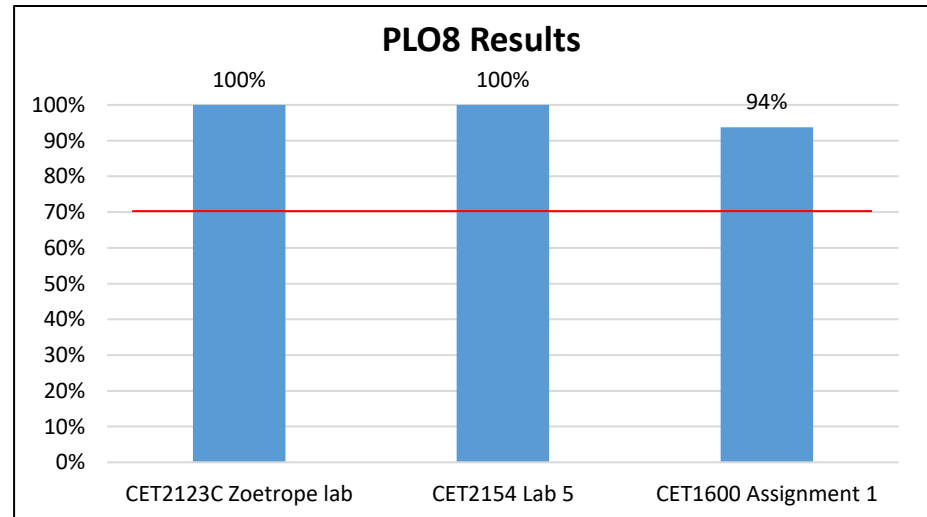
PO5: Demonstrate proficiency in communicating ideas and information orally and in writing. *Target: 70% of students will achieve 70% of higher in all assessment measures*



PO6: Relate the need for, and an ability to learn and apply new concepts as required in the continually evolving and rapidly changing practice of computer engineering technology. *Target: 70% of students will achieve 70% of higher in all assessment measures*



PO7: Comprehend ethical responsibility and professional integrity issues as related to computer technology. *Target: 70% of students will achieve 70% of higher in all assessment measures.*



PO8: Comprehend contemporary technological and societal issues and the impact of computer technology on society in both a local and global context. *Target: 70% of students will achieve 70% of higher in all assessment measures*

Program Learning Outcomes

AS Computer Programming and Analysis (Software Engineering Technology) #204700

Certificate Computer Programming #093800

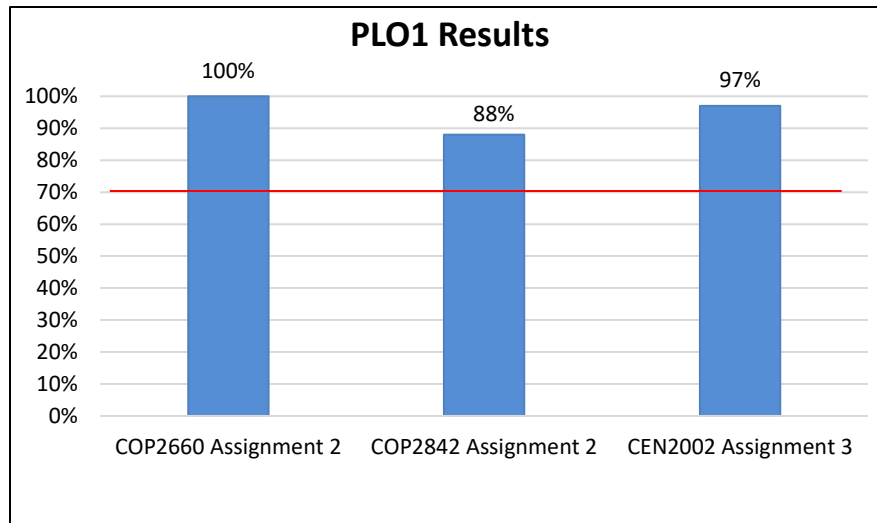
Certificate Web Development Specialist #090900

Graduates of the program will be able to:

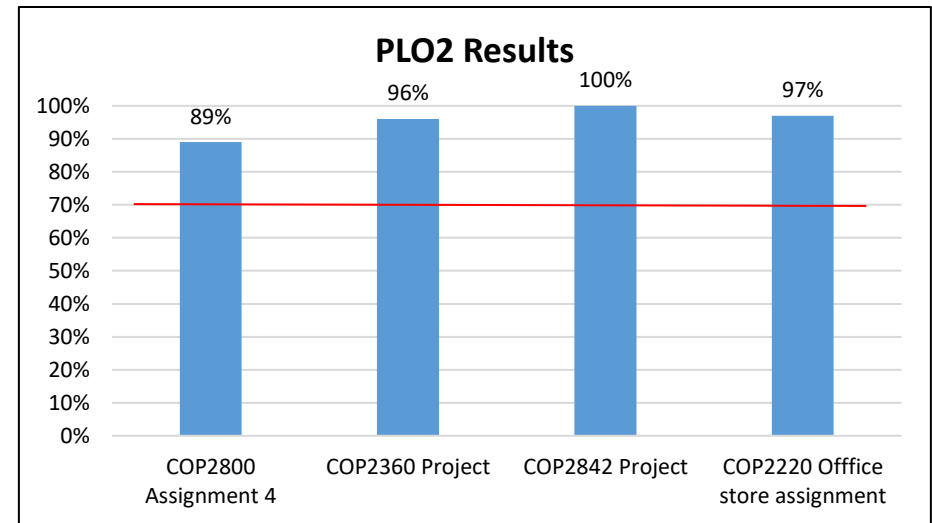
1. Use current techniques, skills, tools, and emerging technologies necessary for computing practices.
2. Apply critical thinking and problem solving skills in designing algorithms and programming code in various programming languages.
3. Demonstrate knowledge and understanding of computer hardware and networked environments.
4. Demonstrate proficiency with Internet structure, organization, and Web site development.
5. Design, implement and manage database applications.
6. Communicate effectively with customers, supervisors and peers both orally and in writing, including technical training for users.
7. Ability to function as a member of a team in the solution of problems.
8. Contribute to chosen field by gaining employment in a related field or by continuing professional development.
9. Evaluate and practice ethical and professional behaviors in the area of computer programming and analysis.

Assessment Results 2020-2021

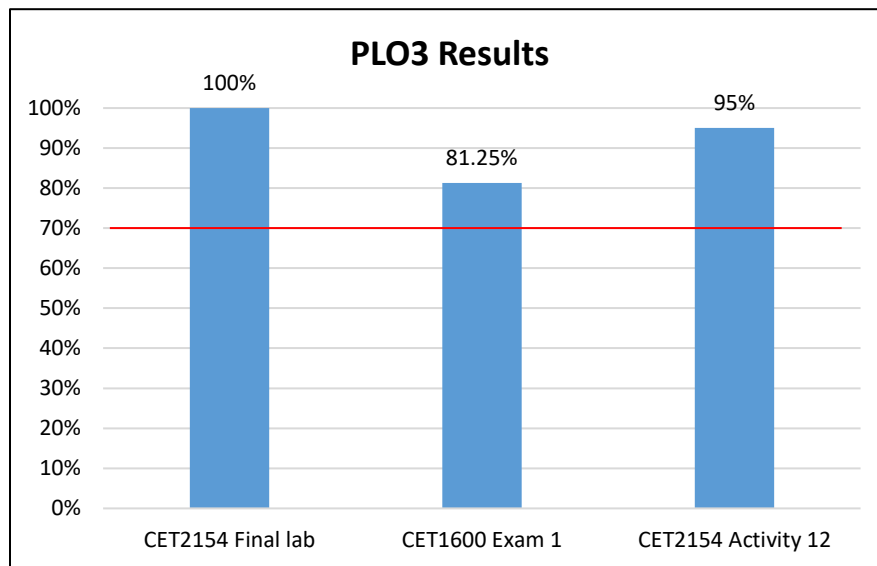
#204700, #090900 and #093800



PO1: Use current techniques, skills, tools, and emerging technologies necessary for computing practices. *Target: 70% of students will achieve 70% of higher in all assessment measures*



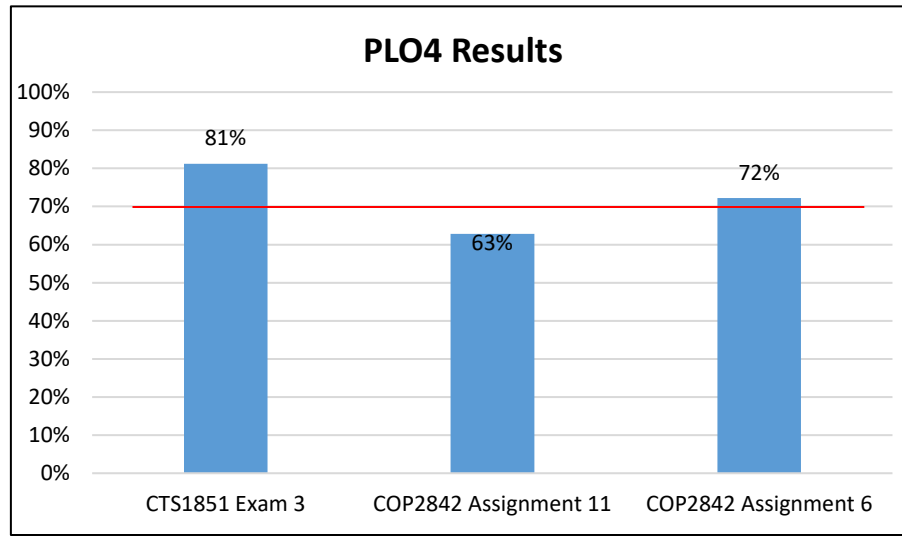
PO2: Apply critical thinking and problem solving skills in designing algorithms and programming code in various programming languages. *Target: 70% of students will achieve 70% of higher in all assessment measures*



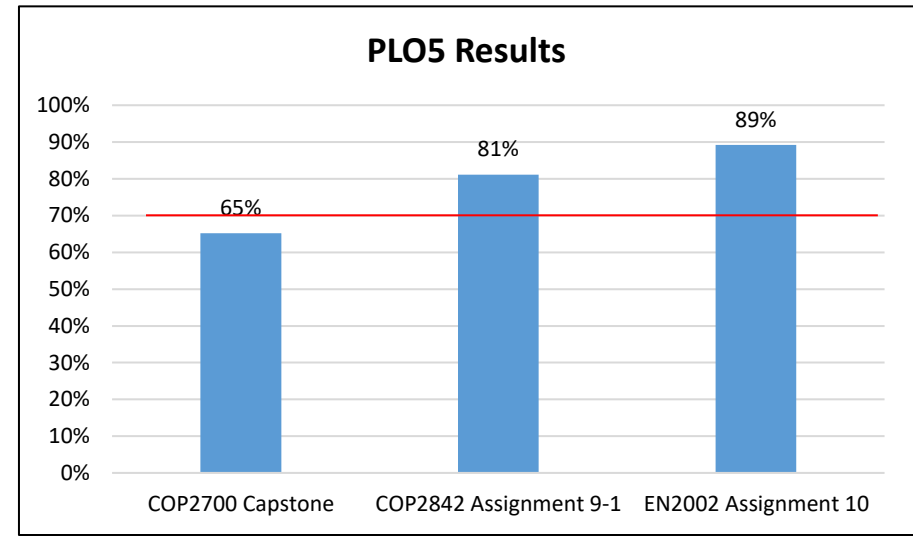
PO3: Demonstrate knowledge and understanding of computer hardware and networked environments. *Target: 70% of students will achieve 70% of higher in all assessment measures*

Assessment Results 2020-2021

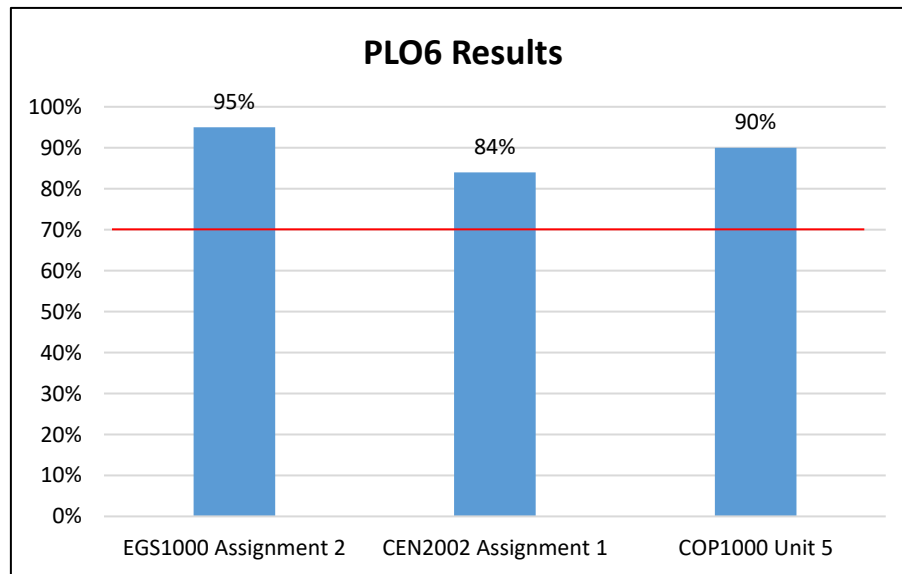
#204700 , #090900 and #093800



PO1: Demonstrate proficiency with Internet structure, organization, and Web site development. *Target: 70% of students will achieve 70% of higher in all assessment measures*



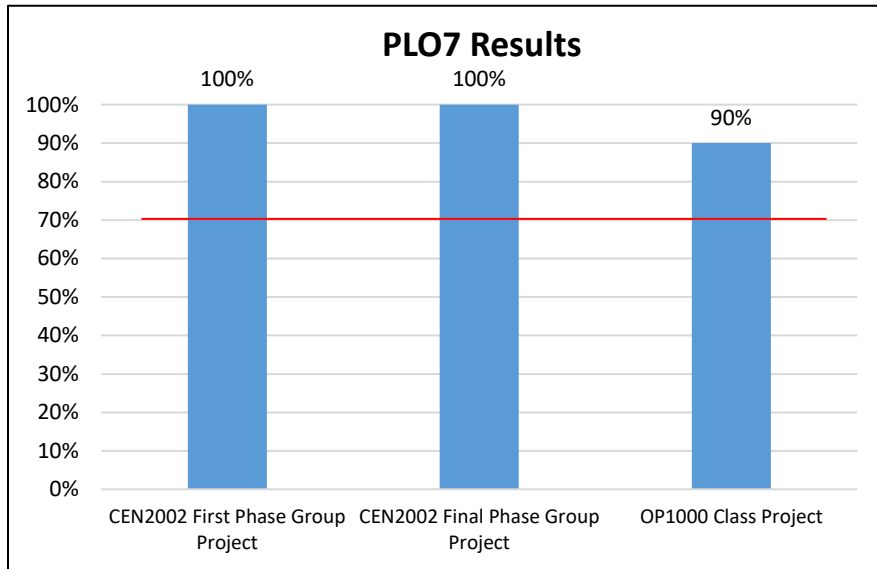
PO2: Design, implement and manage database applications. *Target: 70% of students will achieve 70% of higher in all assessment measures*



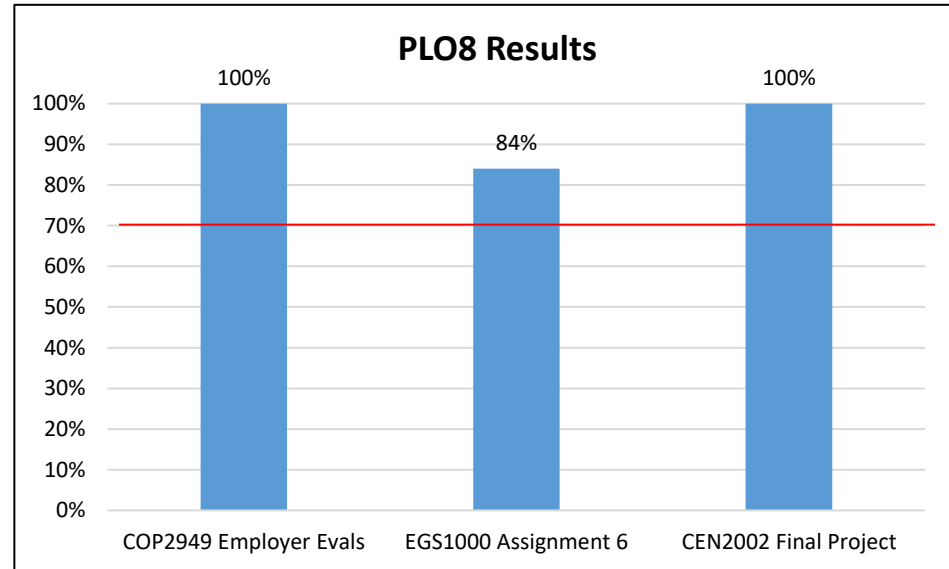
PO3: Communicate effectively with customers, supervisors and peers both orally and in writing, including technical training for users. *Target: 70% of students will achieve 70% of higher in all assessment measures*

Assessment Results 2020-2021

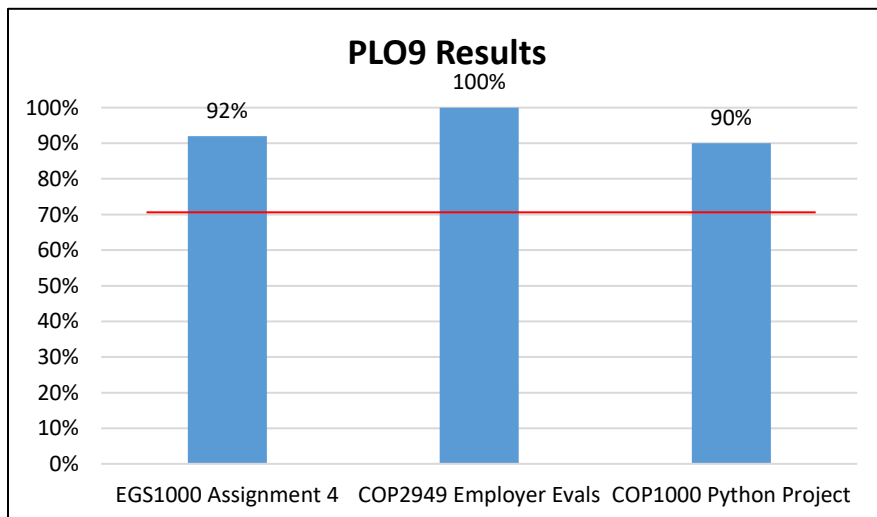
#204700 , #090900 and #093800



PO7: Ability to function as a member of a team in the solution of problems.
Target: 70% of students will achieve 70% of higher in all assessment measures



PO8: Contribute to chosen field by gaining employment in a related field or by continuing professional development. *Target: 70% of students will achieve 70% of higher in all assessment measures*



PO9: Evaluate and practice ethical and professional behaviors in the area of computer programming and analysis. *Target: 70% of students will achieve 70% of higher in all assessment measures*

Program Learning Outcomes

AS Computer Information Technology #206700

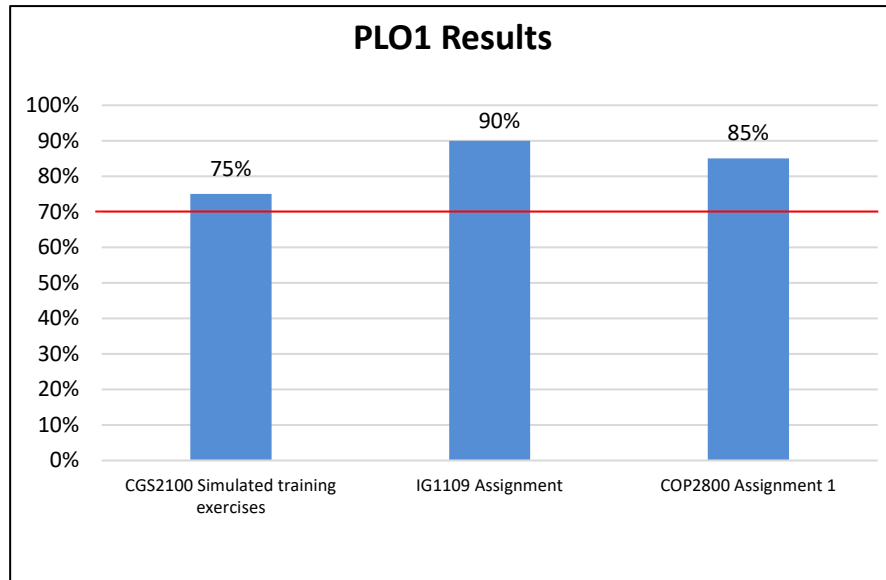
Certificate Information Technology Analysis #090300

Graduates of the program will be able to:

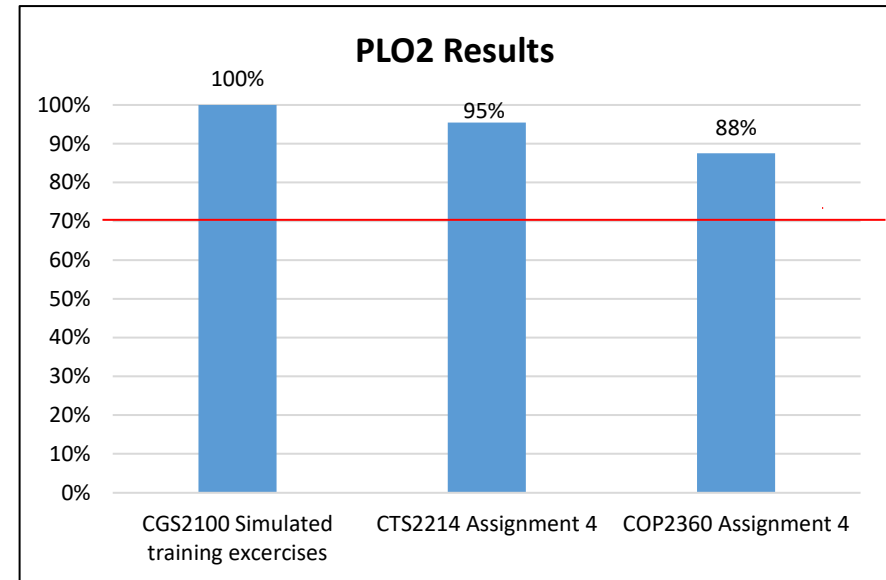
1. Use current techniques, skills, tools, and emerging technologies necessary for computing practices.
2. Create information systems solutions for transactional, operational, managerial and executive problems.
3. Demonstrate knowledge and understanding of computer hardware and networked environments.
4. Demonstrate proficiency with Internet structure, organization, and Web site development.
5. Design, implement and manage database applications.
6. Communicate effectively with customers, supervisors and peers both orally and in writing, including technical training for users.
7. Participate and function as a member of a team in the solution of problems.
8. Contribute to chosen field by gaining employment in a related field or by continuing professional development.
9. Evaluate and practice ethical and professional behaviors in the area of computer information technology.

Assessment Results 2020-2021

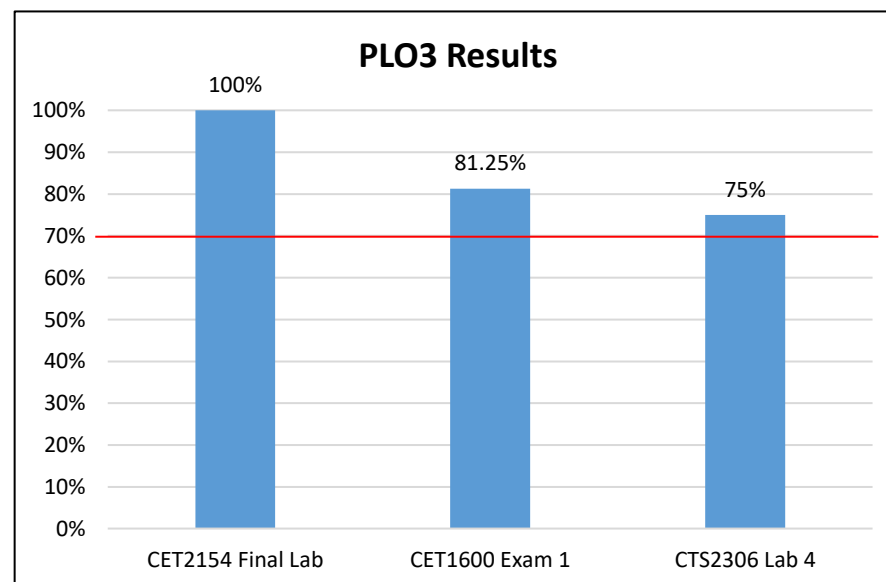
#206700 and #090300



PO1: Use current techniques, skills, tools, and emerging technologies necessary for computing practices. *Target: 70% of students will achieve 70% of higher in all assessment measures*



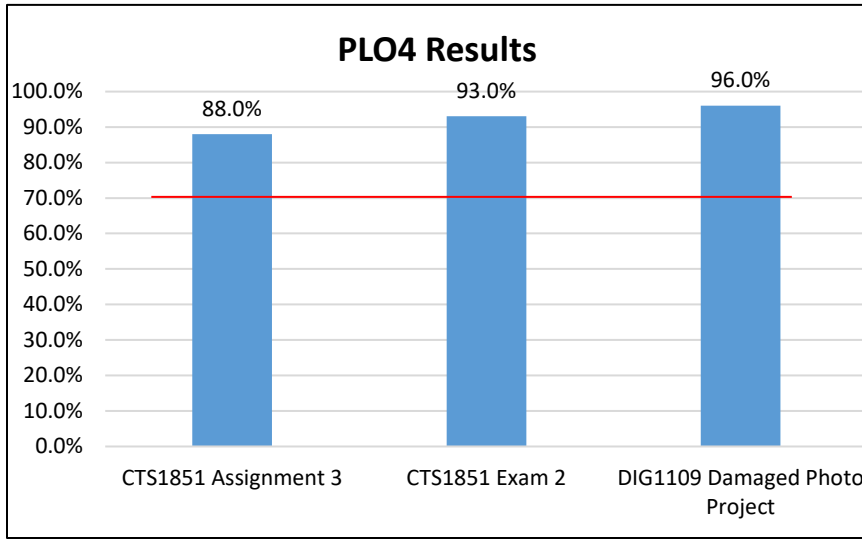
PO2: Create information systems solutions for transactional, operational, managerial and executive problems. *Target: 70% of students will achieve 70% of higher in all assessment measures*



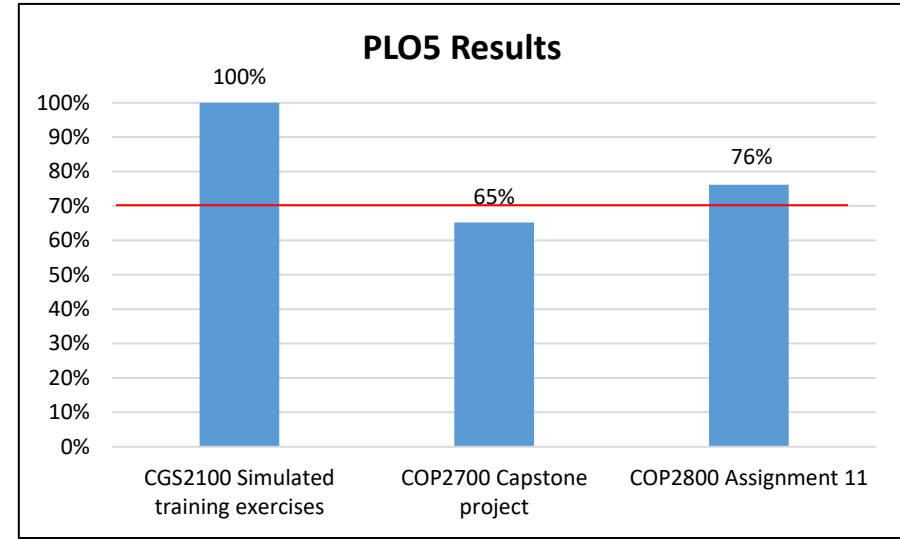
PO3: Demonstrate knowledge and understanding of computer hardware and networked environments. *Target: 70% of students will achieve 70% of higher in all assessment measures*

Assessment Results 2020-2021

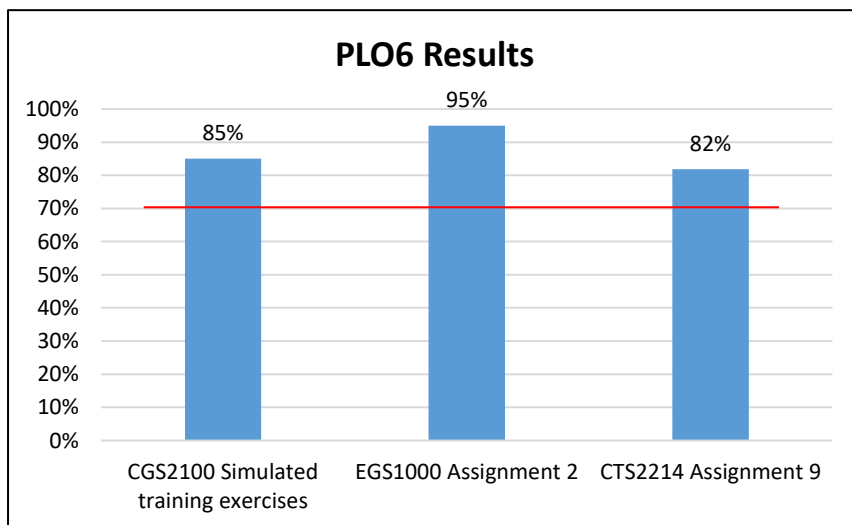
#206700 and #090300



PO4: Demonstrate proficiency with Internet structure, organization, and Web site development. *Target: 70% of students will achieve 70% of higher in all assessment measures*



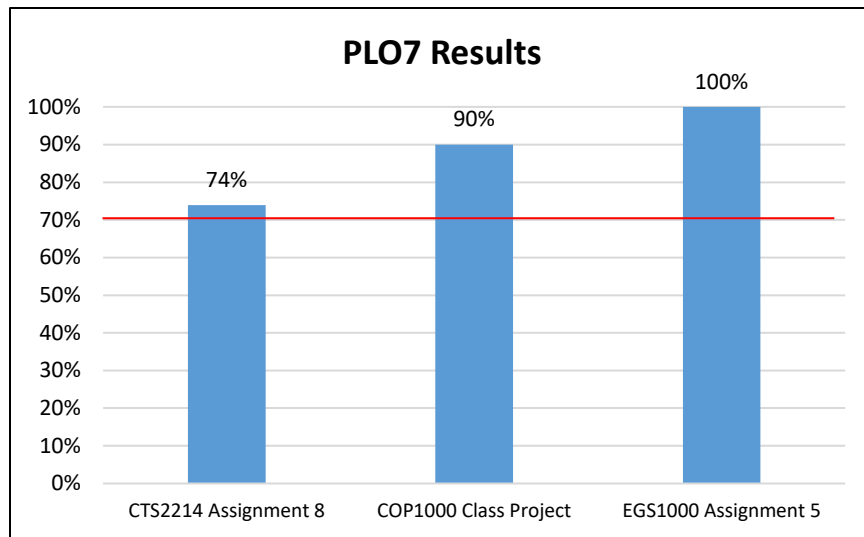
PO5: Design, implement and manage database applications. *Target: 70% of students will achieve 70% of higher in all assessment measures*



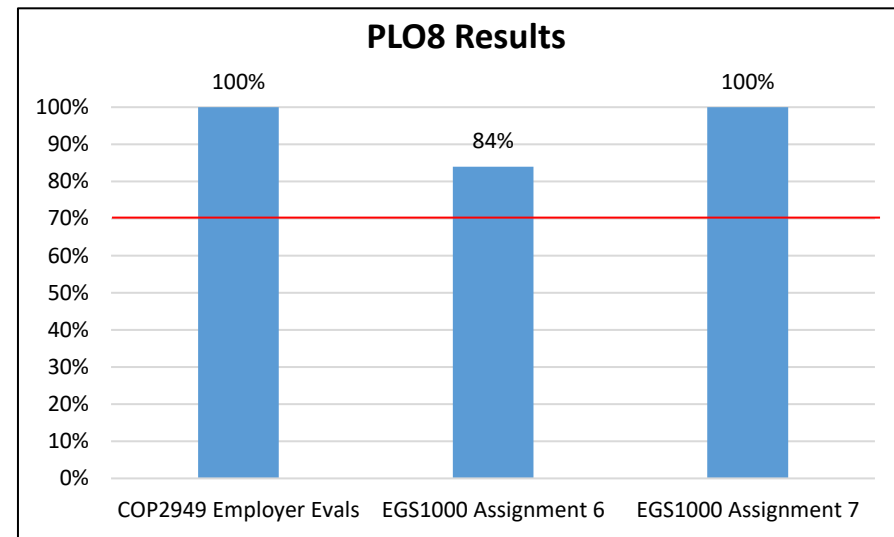
PO6: Communicate effectively with customers, supervisors and peers both orally and in writing, including technical training for users. *Target: 70% of students will achieve 70% of higher in all assessment measures*

Assessment Results 2020-2021

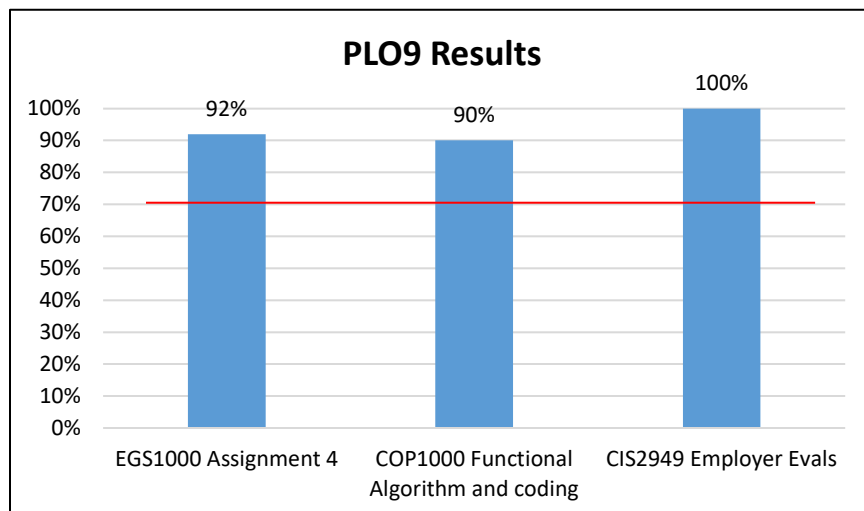
#206700 and #090300



PO7: Participate and function as a member of a team in the solution of problems. *Target: 70% of students will achieve 70% of higher in all assessment measures*



PO8: Contribute to chosen field by gaining employment in a related field or by continuing professional development. *Target: 70% of students will achieve 70% of higher in all assessment measures*



PO9: Evaluate and practice ethical and professional behaviors in the area of computer information technology. *Target: 70% of students will achieve 70% of higher in all assessment measures*

Program Learning Outcomes

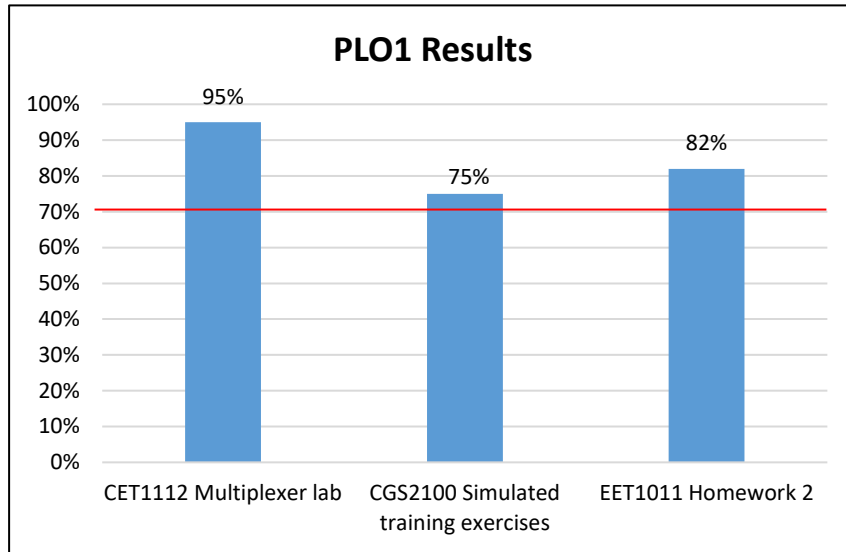
AS Simulation and Robotics Technology #220400

Graduates of the program will be able to:

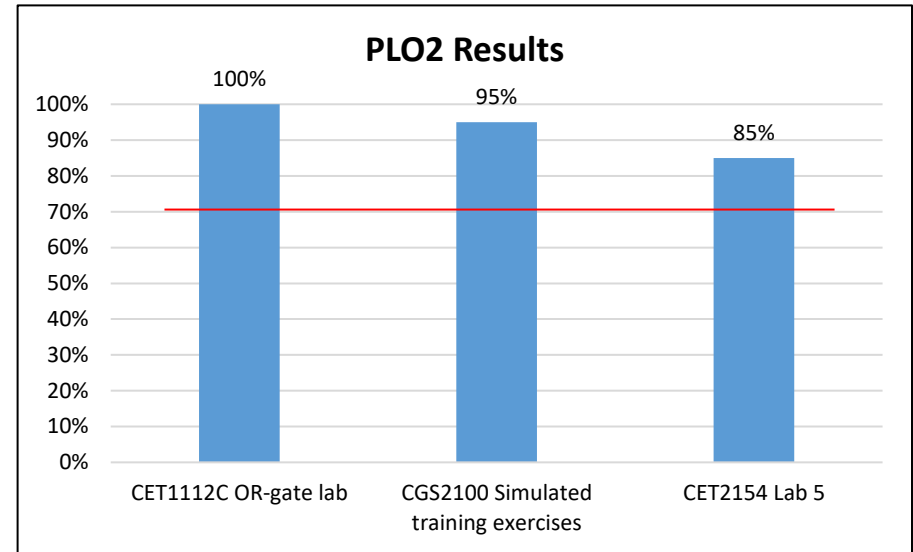
1. Apply knowledge of mathematics, basic science, and engineering to solve problems encompassing the fundamental areas of simulation and robotics technology.
2. Apply knowledge of one or more disciplines to the operation and maintenance of simulation and robotics systems.
3. Identify and apply software solutions appropriate to simulation and robotics systems.
4. Conduct experiments to acquire needed data, and to analyze and interpret data to solve engineering technology problems.
5. Use computers and other modern tools and skills to solve technical problems.
6. Function as a member of a multidisciplinary team in the solution of engineering problems.
7. Demonstrate proficiency in communicating ideas and information orally and in writing.
8. Relate the need for, and an ability to learn new concepts as required within the field of simulation and robotics technology.
9. Comprehend ethical responsibility and professional integrity issues related to the practice of simulation and robotics technology.
10. Comprehend contemporary technological and societal issues, and the impact of technology on society in both a local and global context.

Assessment Results 2020-2021

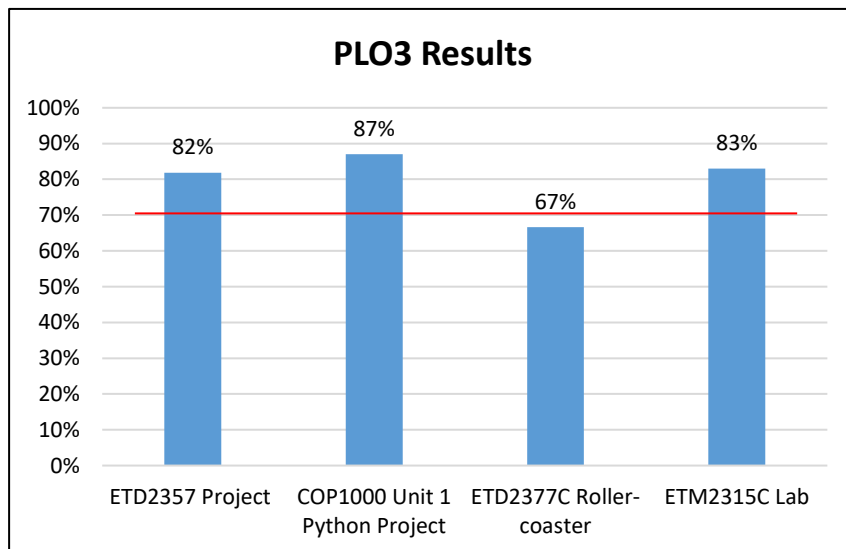
AS Simulation and Robotics Technology #220400



PO1: Apply knowledge of mathematics, basic science, and engineering to solve problems encompassing the fundamental areas of simulation and robotics technology.
Target: 70% of students will achieve 70% of higher in all assessment measure



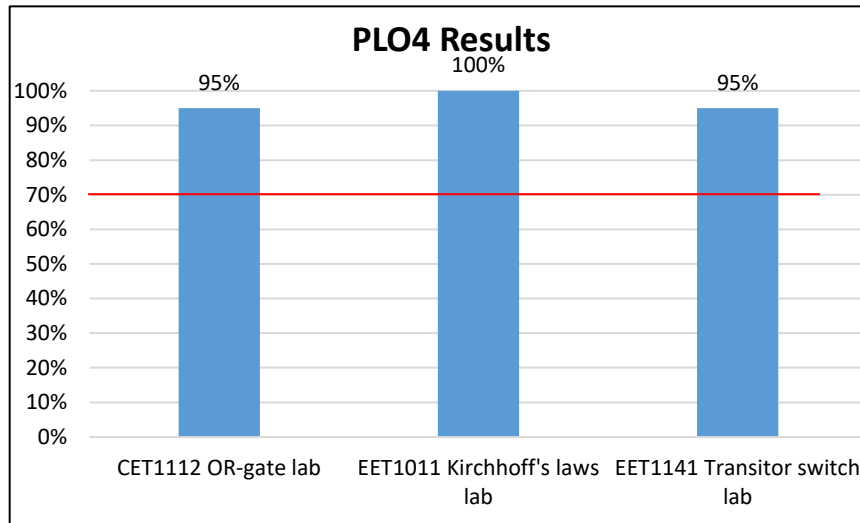
PO2: Apply knowledge of one or more disciplines to the operation and maintenance of simulation and robotics systems. *Target: 70% of students will achieve 70% of higher in all assessment measure*



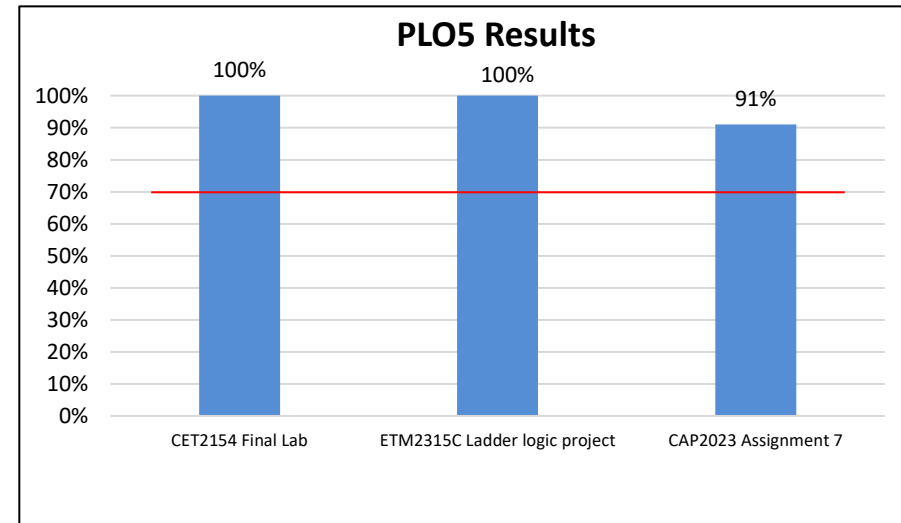
PO3: Identify and apply software solutions appropriate to simulation and robotics systems. *Target: 70% of students will achieve 70% of higher in all assessment measure*

Assessment Results 2020-2021

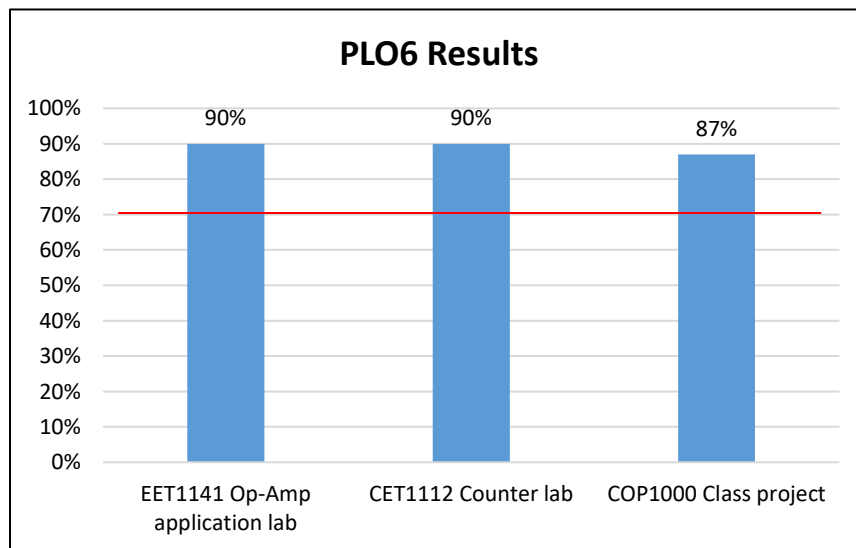
AS Simulation and Robotics Technology #220400



PO4: Conduct experiments to acquire needed data, and to analyze and interpret data to solve engineering technology problems. *Target: 70% of students will achieve 70% of higher in all assessment measure*



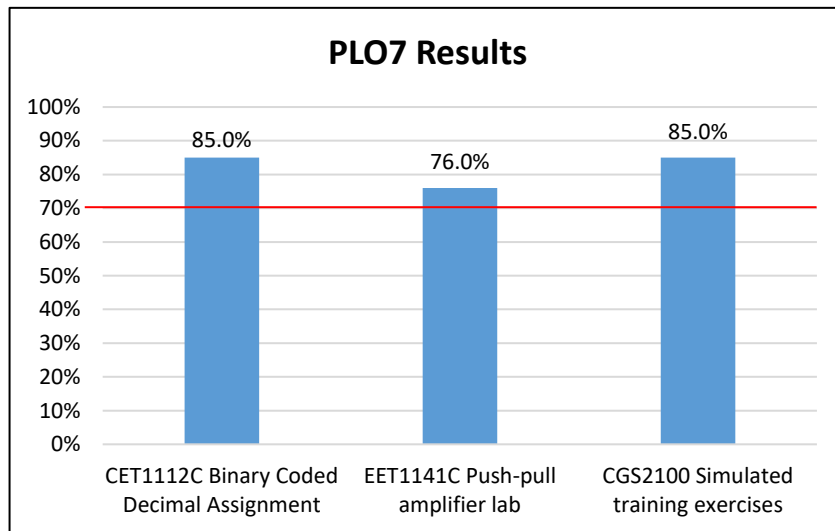
PO5: Use computers and other modern tools and skills to solve technical problems. *Target: 70% of students will achieve 70% of higher in all assessment measure*



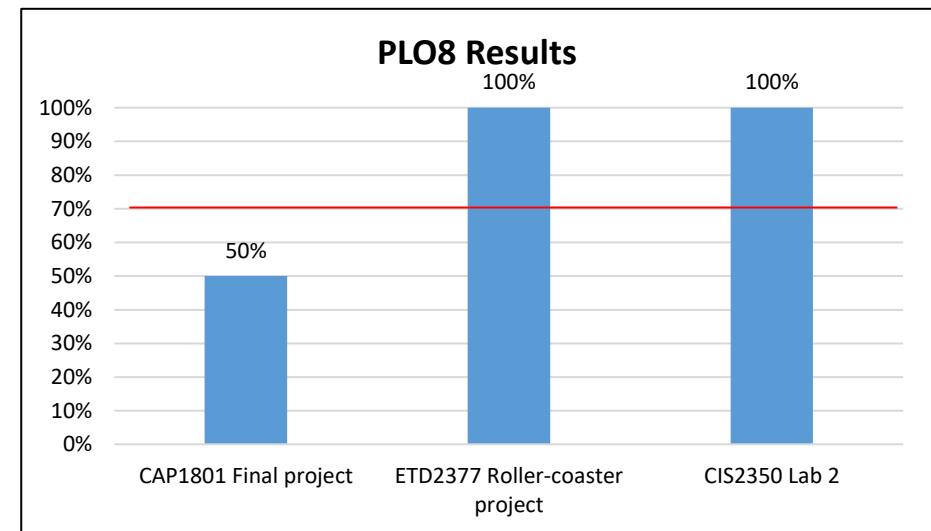
PO6: Function as a member of a multidisciplinary team in the solution of engineering problems. *Target: 70% of students will achieve 70% of higher in all assessment measure*

Assessment Results 2020-2021

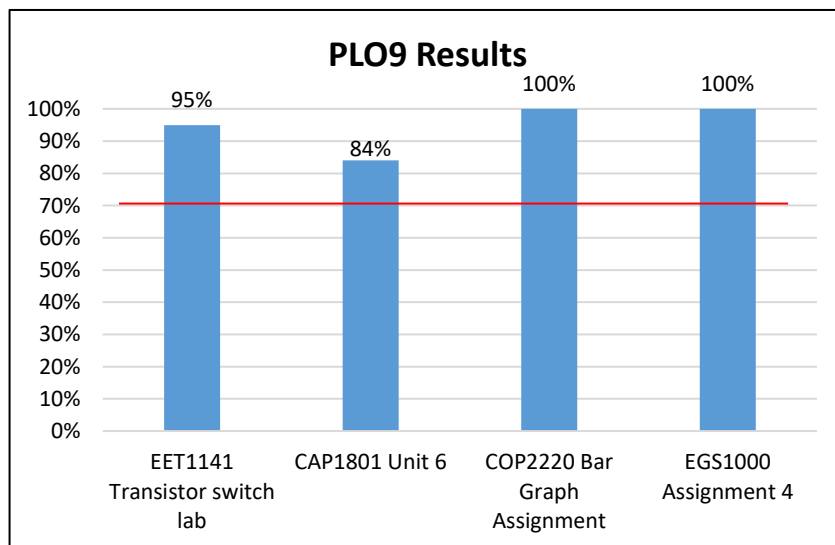
AS Simulation and Robotics Technology #220400



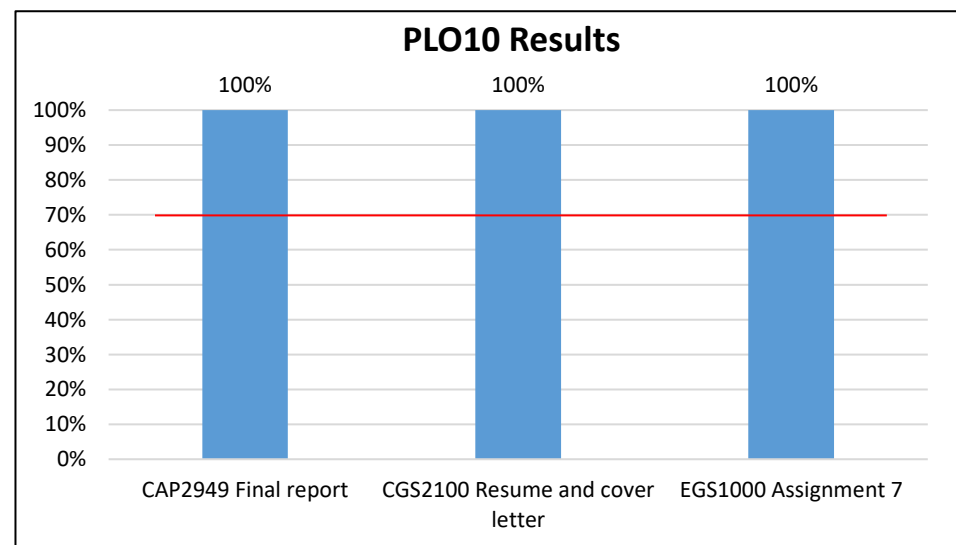
PO7: Demonstrate proficiency in communicating ideas and information orally and in writing. *Target: 70% of students will achieve 70% of higher in all assessment measure*



PO8: Relate the need for, and an ability to learn new concepts as required within the field of simulation and robotics technology. *Target: 70% of students will achieve 70% of higher in all assessment measure*



PO9: Comprehend ethical responsibility and professional integrity issues related to the practice of simulation and robotics technology. *Target: 70% of students will achieve 70% of higher in all assessment measure*



PO10: Comprehend contemporary technological and societal issues, and the impact of technology on society in both a local and global context. *Target: 70% of students will achieve 70% of higher in all assessment measure*

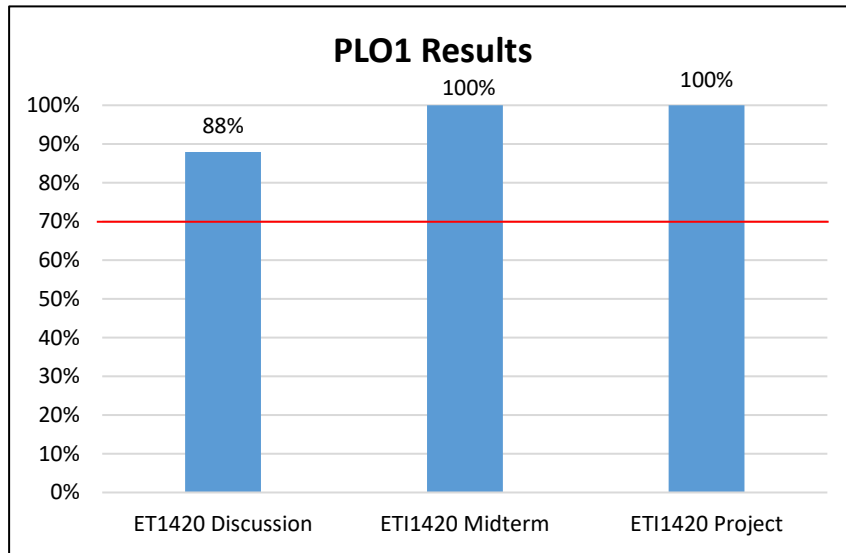
Program Learning Outcomes
AS Engineering Technology #223200
Applied Technology Specialist #082000
Computer-Aided Design and Drafting #082100
Engineering Technology Support Specialist #082300

Graduates of the program will be able to:

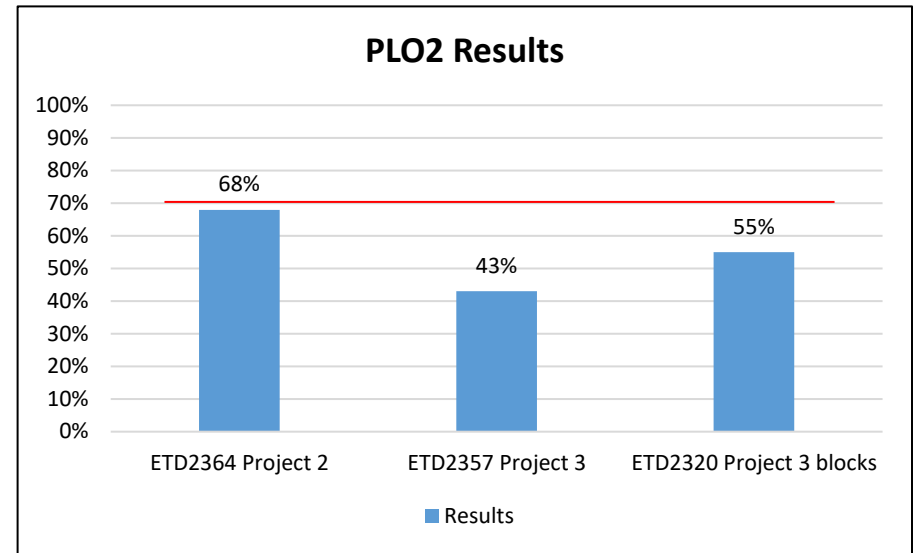
1. Demonstrate an understanding of industrial processes and material properties.
2. Generate and interpret computer-aided drawings.
3. Demonstrate a fundamental understanding of electronics and electricity.
4. Demonstrate an understanding of industrial safety, health, and environmental requirements.
5. Evaluate the use of quality assurance methods and quality control concepts.
6. Design tests using tools, instruments and testing devices.
7. Assess failure in equipment and troubleshoot equipment/devices.
8. Demonstrate appropriate communication skills.
9. Demonstrate appropriate math skills.
10. Evaluate modern business practices and strategies.
11. Demonstrate employability skills.

Assessment Results 2020-2021

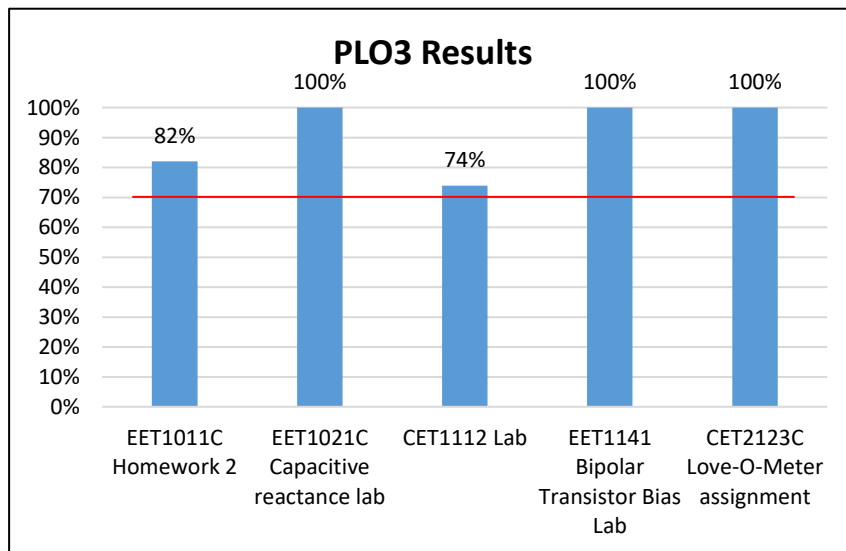
#223200, #082000, #082100 and #082300



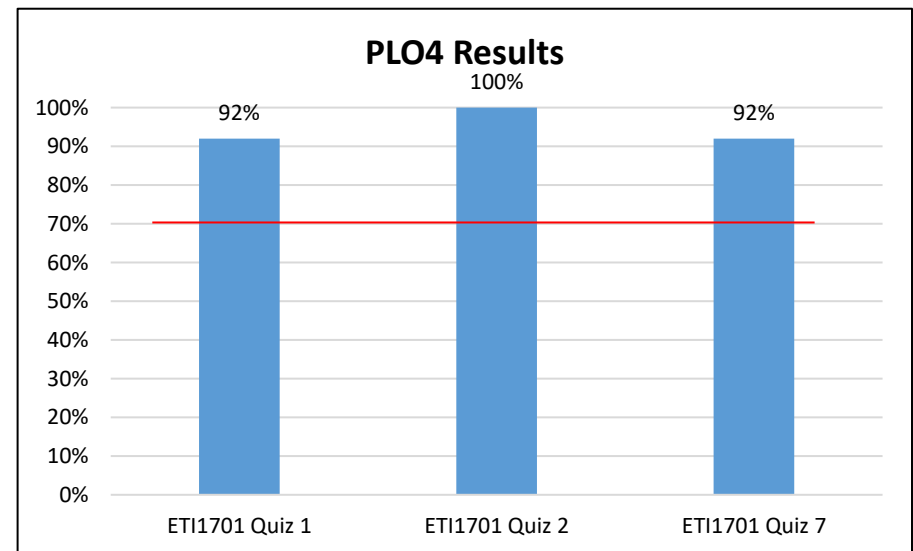
PO1: Demonstrate an understanding of industrial processes and material properties.
 Target: 70% of students will achieve 70% of higher in all assessment measure



PO2: Generate and interpret computer-aided drawings. Target: 70% of students will achieve 70% of higher in all assessment measure



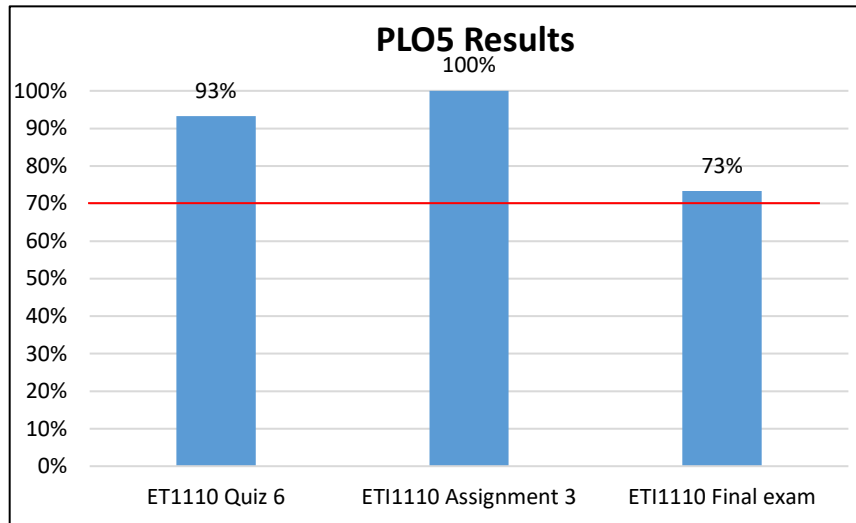
PO3: Demonstrate a fundamental understanding of electronics and electricity.
 Target: 70% of students will achieve 70% of higher in all assessment measure



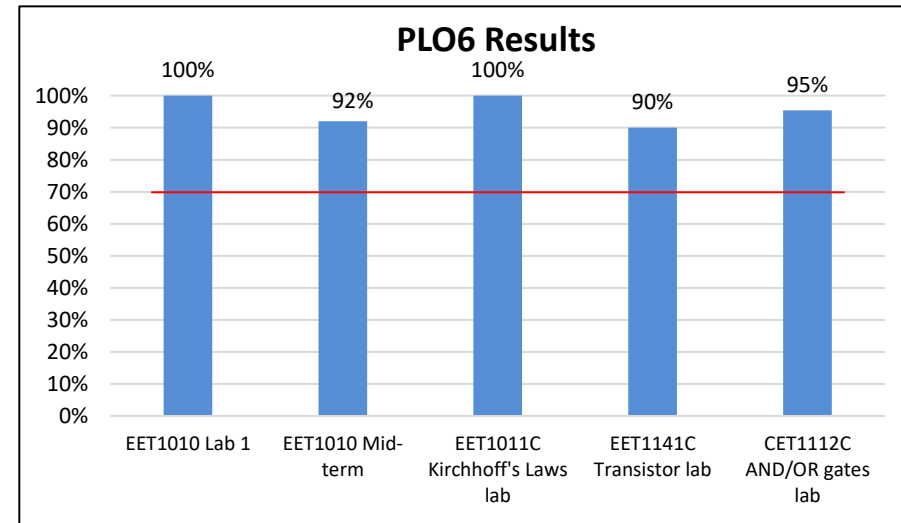
PO4: Demonstrate an understanding of industrial safety, health, and environmental requirements. Target: 70% of students will achieve 70% of higher in all assessment measure

Assessment Results 2020-2021

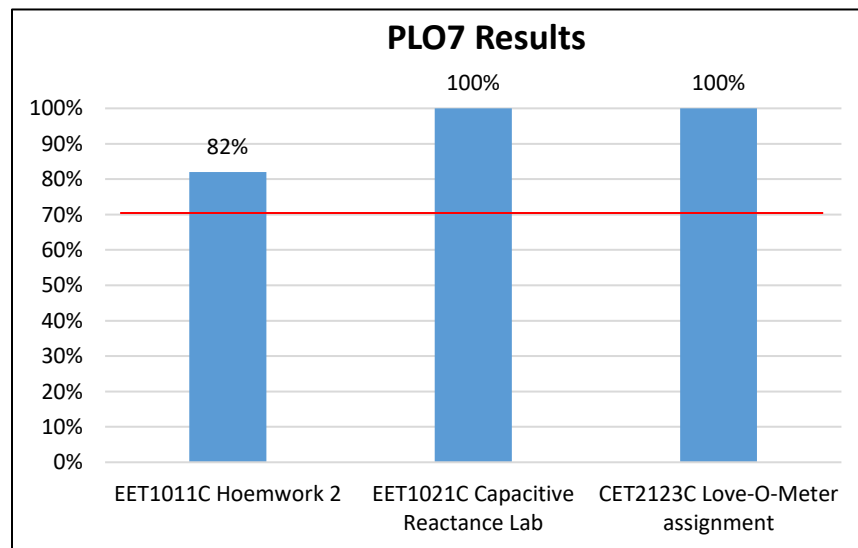
#223200, #082000, #082100 and #082300



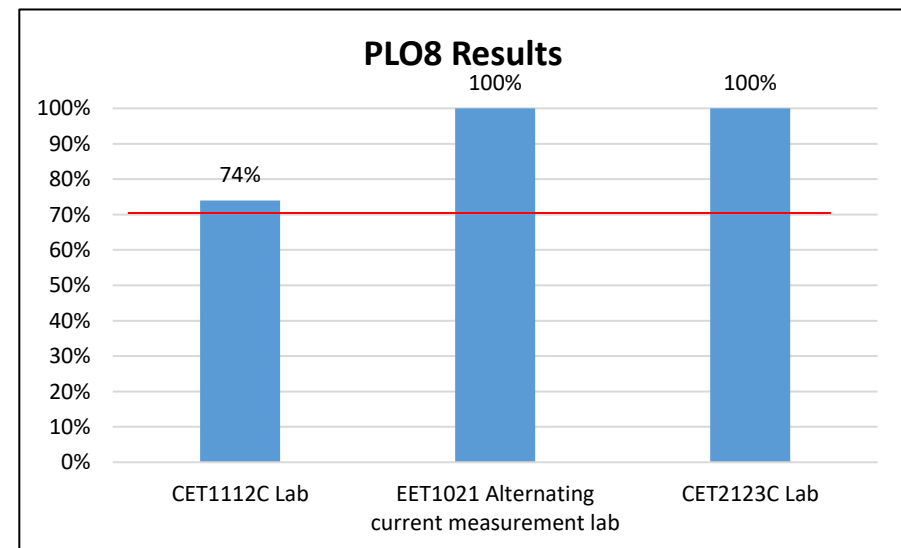
PO5: Evaluate the use of quality assurance methods and quality control concepts. *Target: 70% of students will achieve 70% of higher in all assessment measure*



PO6: Design tests using tools, instruments and testing devices. *Target: 70% of students will achieve 70% of higher in all assessment measure*



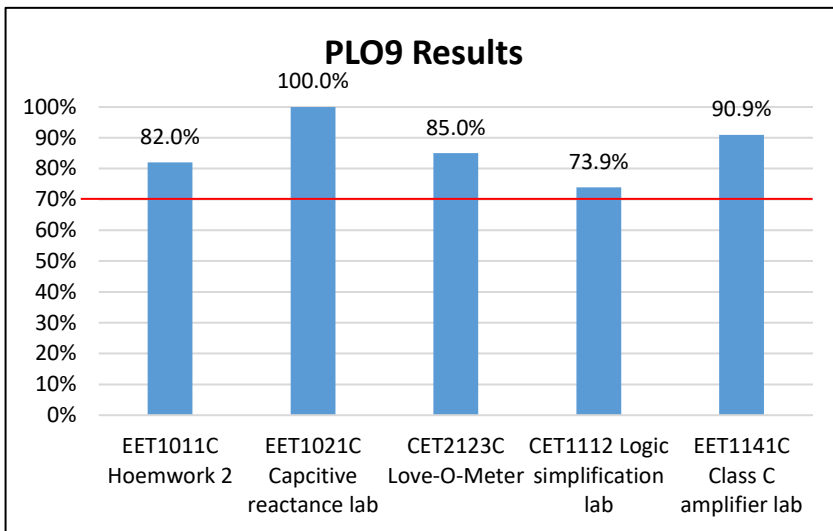
PO7: Assess failure in equipment and troubleshoot equipment/devices. *Target: 70% of students will achieve 70% of higher in all assessment measure*



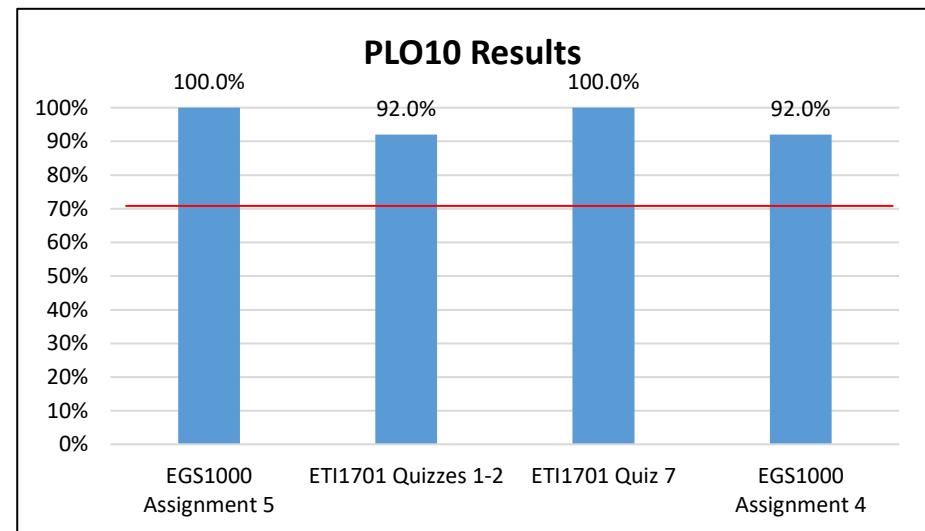
PO8: Demonstrate appropriate communication skills. *Target: 70% of students will achieve 70% of higher in all assessment measure*

Assessment Results 2020-2021

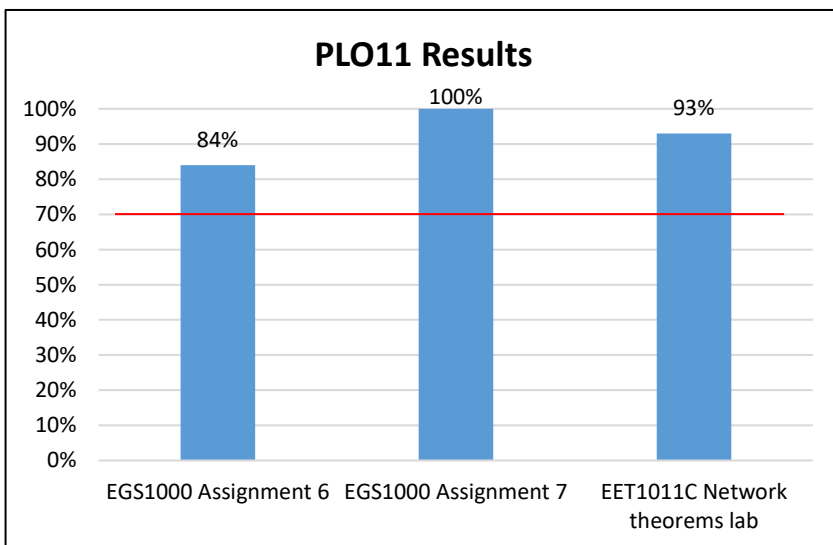
#223200, #082000, #082100 and #082300



PO9: Demonstrate appropriate math skills. *Target: 70% of students will achieve 70% of higher in all assessment measure*



PO10: Evaluate modern business practices and strategies. *Target: 70% of students will achieve 70% of higher in all assessment measure*



PO11: Demonstrate employability skills. *Target: 70% of students will achieve 70% of higher in all assessment measure*

Assessment Data 2019-2020 and 2020-2021: Programs and Institutional Learning Outcomes (1 of 2)

Program	Critical/ Creative Thinking		Communication		Cultural Literacy		Information and Technical Literacy	
	19/20	20/21	19/20	20/21	19/20	20/21	19/20	20/21
2013 - Computer Engineering Technology	80%-100%	80%-100%	87%-100%	87%-100%	76.2%-100%	66.7%-100%	83%-100%	83%-100%
2067 - Computer Information Technology	65%-87%	65.2%-90%	71.4%-95%	76.2%-100%	66.7%-100%	66.7%-100%	28.6%-85%	83%-100%
0938 - Computer Programming	65%-100%	89%-100%	87%-100%	86.1%-95%	87%-100%	66.7%-100%	94%	81.6%-95%
2047 - Computer Programming and Analysis (Software Engineering Technology)	65%-100%	89%-100%	87%-100%	86.1%-95%	87%-100%	66.7%-100%	94%	81.6%-95%
2003 - Electronics Engineering Technology	79%-100%	77.3%-100%	71%-100%	85%-100%	66.7%-87%	66.7%-87%	28.6%-91%	87.5%-100%
0903 - Information Technology Analysis	65%-87%	65.2%-90%	71.4%-95%	76.2%-100%	66.7%-100%	66.7%-100%	28.6%-85%	83%-100%
2234 – Database Technology**								

**New Program

Assessment Data 2019-2020 and 2020-2021: Programs and Institutional Learning Outcomes (2 of 2)

Program	Critical/ Creative Thinking		Communication		Cultural Literacy		Information and Technical Literacy	
	19/20	20/21	19/20	20/21	19/20	20/21	19/20	20/21
0907 - Microcomputer Repairer/Installer	80%-100%	80%-100%	87%-100%	87%-100%	76.2%-100%	66.7%-100%	83%-100%	83%-100%
0904 - Network Server Administration	76.9%-95.83%	84%-93.3%	76.2%-100%	69.2%-100%	66.7%-100%	66.7%-100%	70%-100%	81.3%-100%
2002 - Network Systems Technology	76.9%-95.83%	84%-93.3%	76.2%-100%	69.2%-100%	66.7%-100%	66.7%-100%	70%-100%	81.3%-100%
2204 - Simulation and Robotics Technology*	19.4%-100%	90%-100%	60%-90%	60%-100%	50%-100%	50%-100%	72%-100%	81.8%-100%
0909 - Web Development Specialist	65%-100%	89%-100%	87%-100%	86.1%-95%	87%-100%	66.7%-100%	94%	81.6%-95%
2232 – Engineering Technology	68%-100%	75.4%-100%	73%-100%	73%-100%	82%-100%	82%-100%	100%	55%-100%
0820 – Applied Technology Specialist	68%-100%	75.4%-100%	73%-100%	73%-100%	82%-100%	82%-100%	100%	55%-100%
0821 – Computer-Aided Design and Drafting	68%-100%	75.4%-100%	73%-100%	73%-100%	82%-100%	82%-100%	100%	55%-100%
0823 – Engineering Technology Support Specialist	68%-100%	75.4%-100%	73%-100%	73%-100%	82%-100%	82%-100%	100%	55%-100%

*Program Closed

Headcount by Major

Major	2017-2018	2018-2019	2019-2020	2020-2021
0820 – APPLIED TECHNOLOGY SPECIALIST				1
0821 – COMPUTER-AIDED DESIGN/DRAFTING	7	4		1
0823 – ENGINEERING TECH SUPPORT SPEC.		1	3	1
0902 - INFORMATION TECH ADMINIS*	4	2	1	1
0903 - INFORMATION TECH ANALYSI	8	10	11	16
0904 - NETWORK SERVER ADM	10	4	12	9
0905 - INFO TECH SUPPORT SPECST*	9	5	3	1
0906 - NETWORK SUPPORT TECH*		1	1	
0907 - MICROCOMPUTER REPAIRER*		1	1	
0908 - ADVANCED NETWORK INFRA*	1			
0909 - WEB DEVELOP. SPECIALIST	19	18	23	13
0921 - CABLE INSTALLATION*				
0922 - NETWORK INFRASTRUCTURE*	3	2	1	
0923 - NETWORK COMM. (LAN)*	2	1		
0924 - NETWORK COMM. (WAN)*				
0925 - WIRELESS COMMUNICATIONS*	1			
0938 - COMPUTER PROGRAMMING	25	28	23	33
2002 - NETWORK SYSTEMS TECH	80	83	59	43
2003 - ELECTRONICS ENGIN TECH	31	22	17	17
2005 - INTERNET SERVICES TECH*	16	10	3	1
2013 - COMPUTER ENG TECHNOLOGY	77	50	48	50
2047 - COMPUTER PROGRAM ANALYSI	126	137	113	121
2067 - COMPUTER INFORMATION ADM	119	116	117	141
2204 - SIMULATION AND ROBOTICS	12	6	4	7
2232 – ENGINEERING TECHNOLOGY	35	39	36	36
2234 – DATABASE TECHNOLOGY		5	2	3
Total	585	545	474	490



Students are duplicated across programs, unduplicated in the total.

*Program in teach-out

Graduates in Major

Major	2017-2018	2018-2019	2019-2020	2020-2021
0821 – Computer-Aided Design/Drafting	3		1	4
0823 – Engineering Tech Support Spec.			2	2
0902 - Information Tech Admin*	21	20	1	1
0903 - Information Tech Analysis	8	9	10	12
0904 - Network Server Adm	11	5	4	5
0905 - Info Tech Support Specst*	18	8	2	
0906 - Network Support Tech*	16		3	
0907 - Microcomputer Repairer*	18			
0908 - Advanced Network Infra*	4			
0909 - Web Develop. Specialist	7			3
0921 - Cable Installation*	22	6		
0922 - Network Infrastructure*	5		1	
0923 - Network Comm. (Lan)*	7			
0924 - Network Comm. (Wan)*	7			
0925 - Wireless Communications*	14			
0938 - Computer Programming	18	24	12	20
2002 - Network Systems Tech	16	10	8	6
2003 - Electronics Eng. Tech	4	6	2	2
2005 - Internet Services Tech*	6	1		
2013 - Computer Eng. Technology	12	5	4	6
2047 - Computer Program Analysis	15	21	10	21
2067 - Computer Information Adm	14	15	12	17
2204 - Simulation And Robotics	3	1	2	1
2232 – Engineering Technology	1	5	1	8
Total	250	136	75	108

*Program in teach-out

Source: IR Program Assessment Data

Number of Graduates by Race/Ethnicity

Program and Race/Ethnicity	2018-19	2019-20	2020-21
082100 - Computer-Aided Design/Drafting		1	4
American Indian/Alas			1
Hispanic/Latino			1
White		1	2
082300 - Engineering Tech Support Spec		2	2
Hispanic/Latino			1
White		2	1
090200 - Information Tech. Admin. Cert.	20	1	1
Asian	3		
Hispanic/Latino	3		1
White	14	1	
090300 - Information Tech. Analy. Cert.	9	10	12
Asian		2	
Black		1	2
Hispanic/Latino	2	2	2
White	7	5	8
090400 - Network Server Admin. Cert.	5	4	5
Black			1
Hispanic/Latino	1	1	
White	4	3	4
090500 - Information Tech Support Cert.	8	2	
Asian		1	
Hispanic/Latino	2		
White	6	1	
090600 - Network Support Tech. Cert.		3	
Black		1	
White		2	
090900 – Web Development Spec.	6		3
Hispanic/Latino	1		
Two or More Races	1		1
White	4		2
092200 - Network Infrastructure Cert.		1	
Hispanic/Latino		1	
093800 - Computer Programming Cert.	24	12	20
Asian	3	1	
Black	2	1	1
Hispanic/Latino	2	1	2
Two or More Races	1		3
Unknown		1	1
White	16	8	13

Program and Race/Ethnicity	2018-19	2019-20	2020-21
200200 - Network Systems Tech. A.S.	10	8	6
Black		1	
Hispanic/Latino	2	1	
Native Hawaiian	1		
Unknown		1	
White	7	5	6
200300 - Electronics Engineer Tech A.S.	6	2	2
Asian		1	
Black	1		
Hispanic/Latino	1		1
White	4	1	1
200500 – Internet Services	1		
Hispanic/Latino	1		
201300 - Computer Engineer. Tech. A.S.	5	4	6
Asian		1	1
Black		1	1
White	5	2	4
204700 - Comp. Program. & Analysis A.S.	21	10	21
Asian	3		1
Black	1	1	1
Hispanic	2		2
Two or More Races		1	4
Unknown			2
White	15	8	11
206700 - Computer Info. Technology A.S.	15	12	17
Asian		2	
Black	1	1	4
Hispanic/Latino	4	2	3
White	10	7	10
220400 - Simulation & Robotics A.S.	1	2	1
Black			1
Unknown		1	
White	1	1	
223200 - Engineering Technology	5	1	8
Black	1		
Hispanic/Latino			2
Two or More Races			1
White	4	1	5
Grand Total	136	75	108

Time to Degree

Program	Average of Yrs to Degree (2019-2020 Graduates Cohort)	Average of Yrs to Degree (2020-2021 Graduates Cohort)
2002 - Network Systems Tech	3.1	1.7
2003 - Electronics Eng. Tech	1.5	10.8*
2013 - Computer Eng. Technology	2.4	2.7
2047 - Computer Program Analysis	1.6	2.6
2067 - Computer Information Adm	3	2.3
2204 - Simulation And Robotics	1.1	5.0
2232 – Engineering Technology	2	2.5

**two graduates in the cohort (19.3 years and 2.4 years respectively)*

Graduation Rates (1 of 2)

Major	Fall Cohort Year	# in Cohort	Graduated within 150% Time	150% Graduation Rate	Graduated within 200% Time	200% Graduation Rate
2002- Network Systems Technology	2014	27	9	33.3%	11	40.7%
	2015	27	7	25.9%	9	33.3%
	2016	25	11	44%	11	44%
	2017 – 200% In progress	13	5	38.5%	5	38.5%
	2018 – In progress	23	3	13%	3	13%
2003- Electronics Engineering Technology	2014	23	2	8.7%	4	17.4%
	2015	15	1	6.7%	1	6.7%
	2016	11	1	9.1%	1	9.1%
	2017 – 200% In progress	9	3	33.3%	3	33.3%
	2018 – In progress	4	1	25%	1	25%
2005- Internet Services Technology*	2014	9	5	55.6%	6	66.7%
	2015	8	3	37.5%	3	37.5%
	2016	4	1	25%	1	25%
	2017 – 200% In progress	3	0	0%	0	0%
	2018 – In progress	2	0	0%	0	0%
2013- Computer Engineering Technology	2014	22	2	9.1	4	18.2%
	2015	26	3	11.5%	3	11.5%
	2016	38	6	15.8%	8	21.1%
	2017 – 200% In progress	23	1	4.3%	2	8.7%
	2018 – In progress	15	3	20%	3	20%

*Program in teach-out

Fall terms include prior Summer term enrollment in major.
Graduation within 200% time includes graduates within 150% time.

Source: IR Program Assessment Data

Graduation Rates (2 of 2)

Major	Fall Cohort Year	# in Cohort	Graduated within 150% Time	150% Graduation Rate	Graduated within 200% Time	200% Graduation Rate
2047- Computer Programming & Analysis	2014	40	6	15%	6	15%
	2015	44	8	18.2%	12	27.3%
	2016	50	8	16%	9	18%
	2017 – 200% In progress	37	6	16.2%	8	21.8%
	2018 – In progress	46	8	17.4%	8	17.4%
2067- Computer Information Technology	2014	44	9	20.5%	10	22.7%
	2015	43	10	23.3%	12	27.9%
	2016	49	8	16.3%	10	20.4%
	2017 – 200% In progress	35	6	17.1%	7	20%
	2018 – In progress	31	4	12.9%	4	12.9%
2204- Simulation & Robotics Technology*	2014	7	0	0.0%	1	14.3%
	2015	3	1	33.3%	1	33.3%
	2016	3	1	33.3%	1	33.3%
	2017 – 200% In progress	11	2	18.2%	2	18.2%
	2018 – In progress	1	0	0%	0	0%
2232 – Engineering Technology	2016	7	1	14.3%	1	14.3%
	2017 – 200% In progress	15	4	26.7%	7	46.7%
	2018 – In progress	16	1	6.3%	1	6.3%
2234 – Database Technology	2018 – In progress	1	0	0%	0	0%

*Program in teach-out

Graduation Rates by Race/Ethnicity (1 of 3)

Major	Fall Cohort Year	Race/Ethnicity	# in Cohort	Graduated within 150% Time	150% Graduation Rate	Graduated within 200% Time	200% Graduation Rate
2002- Network Systems Technology	2016	Black	3	0	0.0%	0	0.0%
		Hispanic	5	4	80.0%	4	80.0%
		White	17	7	41.2%	9	52.9%
	2017 – 200% In progress	Asian	1	0	0%	0	0%
		Black	1	1	100%	1	100%
		Hispanic	2	1	50%	1	50%
		White	9	3	33.3%	3	33.3%
	2018 – In progress	Black	1	0	0.0%	0	0.0%
		Hispanic	7	0	0.0%	0	0.0%
		White	15	3	20%	3	20%
2003- Electronics Engineering Technology	2016	Black	2	0	0.0%	0	0.0%
		Hispanic	3	1	33.3%	1	33.3%
		White	6	0	0.0%	0	0.0%
	2017 – 200% In progress	Asian	1	1	100%	1	100%
		Black	2	1	50%	1	50%
		Hispanic	1	0	0%	0	0%
		Unknown	1	0	0%	0	0%
		White	4	1	25%	1	25%
2018 – In progress	White	4	1	25%	1	25%	
2005- Internet Services Technology	2016	Hispanic	1	0	0.0%	0	0.0%
		White	3	1	33.3%	1	33.3%
	2017 – 200% In progress	White	3	0	0.0%	0	0.0%
	2018 – In progress	Hispanic	1	0	0.0%	0	0.0%
		White	1	0	0.0%	0	0.0%

Graduation Rates by Race/Ethnicity (2 of 3)

Major	Fall Cohort Year	Race/Ethnicity	# in Cohort	Graduated within 150% Time	150% Graduation Rate	Graduated within 200% Time	200% Graduation Rate
2013- Computer Engineering Technology	2016	Asian	1	0	0.0%	1	100.0%
		Black	8	0	0.0%	1	12.5%
		Hispanic	5	0	0.0%	0	0.0%
		Two or More Races	3	1	33.3%	1	33.3%
		White	21	5	23.8%	5	23.8%
	2017 – 200% In progress	Black	6	0	0.0%	1	16.7%
		Hispanic	5	0	0.0%	0	0.0%
		Two or More Races	1	0	0.0%	0	0.0%
		White	11	1	9.1%	1	9.1%
	2018 – In progress	Asian	1	1	100%	1	100%
		Black	4	0	0.0%	0	0.0%
		Hispanic	3	0	0.0%	0	0.0%
White		7	2	28.6%	2	28.6%	
2047- Computer Programming & Analysis	2016	Asian	4	0	0.0%	1	25%
		Black	4	0	0.0%	0	0.0%
		Hispanic	9	1	11.1%	1	11.1%
		Two or More Races	1	0	0.0%	0	0.0%
		White	32	7	21.9%	7	21.9%
	2017 – 200% In progress	Black	2	1	50%	1	50%
		Hispanic	8	0	0.0%	0	0.0%
		Two or More Races	2	0	0.0%	1	50%
		Unknown	1	0	0.0%	1	100%
		White	24	5	20.8%	5	20.8%
	2018 – In progress	Black	4	1	25%	1	25%
		Hispanic	8	1	12.5%	1	12.5%
Two or More Races		5	1	20%	1	20%	
White		29	5	17.2%	5	17.2%	

Graduation Rates by Race/Ethnicity (3 of 3)

Major	Fall Cohort Year	Race/Ethnicity	# in Cohort	Graduated within 150% Time	150% Graduation Rate	Graduated within 200% Time	200% Graduation Rate
2067- Computer Information Technology	2016	Asian	1	1	100%	1	100%
		Black	5	0	0.0%	1	20.0%
		Hispanic	7	2	28.6%	2	28.6%
		Two or More Races	3	0	0.0%	0	0.0%
		White	33	5	15.6%	6	18.2%
	2017 – 200% In progress	Asian	2	0	0.0%	0	0.0%
		Black	3	0	0.0%	0	0.0%
		Hispanic	10	1	10%	2	20%
		Two or More Races	1	0	0.0%	0	0.0%
		White	19	5	26.3%	5	26.3%
	2018 – In progress	American Indian	1	0	0.0%	0	0.0%
		Black	6	0	0.0%	0	0.0%
		Hispanic	10	2	20%	2	20%
White		14	2	14.3%	2	14.3%	
2204- Simulation & Robotics Technology	2016	White	3	1	33.3%	1	33.3%
	2017 – 200% In progress	Hispanic	3	0	0.0%	0	0.0%
		Unknown	1	1	100%	1	100%
		White	7	1	14.3%	1	14.3%
	2018 – In progress	Black	1	0	0.0%	0	0.0%
2232 – Engineering Technology	2016	Hispanic	2	0	0.0%	0	0.0%
		White	5	1	20.0%	1	20.0%
	2017 – 200% In progress	Black	2	1	50%	1	50%
		Hispanic	4	0	0.0%	1	25%
		Two or More Races	1	0	0.0%	0	0.0%
		Unknown	1	0	0.0%	0	0.0%
		White	7	3	42.9%	5	71.4%
	2018 – In progress	Black	2	0	0.0%	0	0.0%
		Hispanic	2	0	0.0%	0	0.0%
		Two or More Races	1	0	0.0%	0	0.0%
White		11	1	9.1%	1	9.1%	
2234 – Database Technology	2018 – In progress	White	1	0	0.0%	0	0.0%

Graduation Rates By Gender (1 of 3)

Major	Fall Term	Gender	# Students	Graduation			
				Graduated within 150% Time	Graduation Rate	Graduated within 200% Time	Graduation Rate
2002- Network Systems Technology	2015	Female	1	1	100%	1	100%
		Male	26	6	23.1%	8	30.8%
	2016	Female	2	1	50%	1	50%
		Male	23	10	43.5%	12	52.2%
	2017	Male	12	4	33.3%	4	33.3%
		Unknown	1	1	100%	1	100%
	2018	Female	3	0	0%	0	0%
		Male	20	3	15%	3	15%
2003- Electronics Engineering Technology	2015	Female	3	0	0%	0	0%
		Male	12	1	8.3%	1	8.3%
	2016	Female	1	0	0%	0	0%
		Male	10	1	10%	1	10%
	2017	Male	9	3	33.3	3	33.3
	2018	Male	4	1	25%	1	25%
2005- Internet Services Technology	2015	Female	3	1	33.3%	1	33.3%
		Male	5	2	40%	2	40%
	2016	Female	1	0	0%	0	0%
		Male	3	1	33.3%	1	33.3%
	2017	Female	3	0	0%	0	0%
	2018	Male	2	0	0%	0	0%
2013- Computer Engineering Technology	2015	Female	5	1	20%	1	20%
		Male	21	2	9.5%	2	10%
	2016	Female	2	0	0%	0	0%
		Male	32	6	18.8%	7	21.9%
		PrefNoAns	1	0	0%	0	0%
		Unknown	3	0	0%	1	33.3%
	2017	Female	5	0	0%	0	0%
		Male	18	1	5.6%	2	11.1%
2018	Female	1	1	100%	1	100%	
	Male	14	2	14.3%	2	14.3%	

Graduation Rates By Gender (2 of 3)

Major	Fall Term	Gender	# Students	Graduation			
				Graduated within 150% Time	Graduation Rate	Graduated within 200% Time	Graduation Rate
2047- Computer Programming & Analysis	2015	Female	11	1	9.1%	1	9.1%
		Male	33	7	21.2%	11	33.3%
	2016	Female	14	1	7.1%	1	7.1%
		Male	34	6	17.6%	7	20.6%
		PrefNoAns	2	1	50%	1	50%
	2017	Female	6	2	33.3%	2	33.3%
		Male	30	4	13.3%	6	20%
		PrefNoAns	1	0	0%	0	0%
	2018	Female	10	3	30%	3	30%
		Male	36	5	13.9%	5	13.9%
2067- Computer Information Technology	2015	Female	5	2	40%	2	40%
		Male	38	8	21.1%	10	26.3%
	2016	Female	7	3	42.9%	3	42.9%
		Male	40	5	12.5%	6	15%
		PrefNoAns	1	0	0%	1	100%
	2017	Unknown	1	0	0%	0	0%
		Female	4	1	25%	2	50%
		Male	28	4	14.3%	4	14.3%
		PrefNoAns	2	1	50%	1	50%
	2018	Unknown	1	0	0%	0	0%
Female		3	0	0%	0	0%	
		Male	28	4	14.3%	4	14.3%

Graduation Rates By Gender (3 of 3)

Major	Fall Term	Gender	# Students	Graduation			
				Graduated within 150% Time	Graduation Rate	Graduated within 200% Time	Graduation Rate
2204- Simulation & Robotics Technology	2015	Male	3	1	33.3%	1	33.3%
	2016	Male	3	1	33.3%	1	33.3%
	2017	Female	1	0	0%	0	0%
		Male	9	2	22.2%	2	22.2%
		Unknown	1	0	0%	0	0%
	2018	Male	1	0	0%	0	0%
2232 - Engineering Technology	2016	Male	7	1	14.3%	1	14.3%
	2017	Female	1	0	0%	0	0%
		Male	14	4	28.6%	7	50%
	2018	Female	1	0	0%	0	0%
		Male	15	1	6.7%	1	6.7%
2234- Database Technology	2018	Male	1	0	0%	0	0%

Retention Rates (1 of 3)

Program and Cohort Year		Registered Exclusions		Adjusted Cohort	Retained by DSC		Retained by Program		Total Retained
					N	%	N	%	
2002 Network Systems Tech	2015	70	8	62	6	9.68%	35	56.45%	66.13%
	2016	69	13	56	1	1.79%	38	67.86%	69.64%
	2017	59	13	46	2	4.35%	30	65.22%	69.57%
	2018	63	11	52	0	0%	25	48.1%	48.1%
	2019	47	5	42	1	2.4%	23	54.8%	57.1%
2003 Electronics Engin Tech	2015	32	1	31	3	9.68%	14	45.16%	54.84%
	2016	26	4	22	2	9.09%	12	54.55%	63.64%
	2017	21	3	18	3	16.67%	11	61.11%	77.78%
	2018	21	3	18	0	0%	11	61.1%	61.1%
	2019	15	2	13	0	0%	9	69.2%	69.2%
2005 Internet Services Tech	2015	19	5	14	1	7.14%	8	57.14%	64.28%
	2016	14	2	12	0	0.00%	6	50.00%	50.00%
	2017	11	3	8	1	12.50%	4	50%	62.50%
	2018	8	0	8	1	12.5%	3	37.5%	50%
	2019	3	0	3	0	0%	1	33.3%	33.3%

Registered - Includes all students enrolled in the fall term of the specified year, with the specified program as their primary major.

Exclusions - Includes students who are deceased or graduated fall of the specified year or the following spring or summer.

Not retained - Students who were not registered the following fall term.

Retained by DSC - Students who were still registered at DSC the following fall but with a different primary major.

Retained by Program - Students who were registered the following fall with the same primary major.

Source: IR Program Assessment Data

Retention Rates (2 of 3)

Program and Cohort Year		Registered Exclusions		Adjusted Cohort	Retained by DSC		Retained by Program		Total Retained
		N	%		N	%	N	%	
2013 Computer Eng Technology	2015	62	1	61	2	3.28%	33	54.10%	57.38%
	2016	72	7	65	2	3.08%	30	46.15%	49.23%
	2017	61	8	53	2	3.77%	15	28.30%	32.08%
	2018	33	5	28	1	3.6%	17	60.7%	64.3%
	2019	45	2	43	1	2.4%	25	59.5%	61.9%
2047 Computer Program Analysis	2015	114	8	106	3	2.83%	62	58.49%	61.32%
	2016	108	12	96	2	2.08%	46	47.92%	50.00%
	2017	89	14	75	2	2.67%	41	54.67%	57.33%
	2018	106	19	87	0	0%	46	52.9%	52.9%
	2019	94	3	91	1	1.2%	45	52.9%	54.1%
2067 Computer Information Adm.	2015	93	5	88	2	2.27%	44	50.00%	52.27%
	2016	103	15	88	0	0.00%	46	52.27%	52.27%
	2017	91	8	83	4	4.82%	47	56.63%	61.45%
	2018	88	14	74	3	4.1%	35	47.3%	51.4%
	2019	100	10	90	3	3.3%	56	62.2%	65.6%
2204 Simulation And Robotics	2015	7	0	7	0	0.00%	3	42.86%	42.86%
	2016	6	0	6	2	33.33%	2	33.33%	66.67%
	2017	11	2	9	0	0%	4	44.44%	44.44%
	2018	6	1	5	1	20%	3	60%	80%
	2019	5	1	4	0	0%	3	75%	75%

Retention Rates (3 of 3)

Program and Cohort Year		Registered	Exclusions	Adjusted Cohort	Retained by DSC		Retained by Program		Total Retained
					N	%	N	%	
2232 Engineering Tech	2016	10	0	10	0	0.00%	4	40.00%	40.00%
	2017	19	1	18	1	5.56%	11	61.11%	66.67%
	2018	30	5	25	3	12%	14	56%	68%
	2019	42	3	39	2	5.1%	19	48.7%	53.8%
2234 Database Technology	2017	1	0	1	0	0%	1	100%	100%
	2018	2	0	2	1	50%	0	0%	50%
	2019	0							

Retention Rates by Race/Ethnicity (1 of 4)

Major	Fall Term	Race/Ethnicity	Registered	Exclusions	Adjusted Cohort	Retained by Program	
						N	%
2002 Network Systems Tech	2017	American Indian	1	0	1	1	100.0%
		Asian	1	0	1	0	0.0%
		Black	3	0	3	3	100.0%
		Hispanic	10	4	6	4	66.7%
		Hawaiian	1	0	1	1	100.0%
		Two or More Races	2	0	2	1	50.0%
		Unknown	3	0	3	2	66.7%
		White	38	9	29*	18	62.1%
	2018	American Indian	1	0	1	0	0%
		Black	6	0	6	4	66.7%
		Hispanic	10	2	8	4	50%
		Hawaiian	1	1	0		
		Two or More Races	1	0	1	0	0%
		Unknown	1	0	1	1	100%
		White	43	8	35	16	45.7%
	2019	American Indian	1	0	1	0	0%
		Black	8	1	7	3	42.9%
		Hispanic	9	0	9*	2	22.2%
Two or More Races		1	0	1	1	100%	
Unknown		2	1	1	1	100%	
White		26	3	23	16	69.6%	
2003 Electronic Engineer Tech	2017	Asian	1	0	1	1	100.0%
		Black	1	1	0	0	
		Hispanic	3	0	3	2	66.7%
		Two or More Races	2	0	2*	0	0.0%
		Unknown	1	0	1*	0	0.0%
		White	13	2	11*	8	72.7%
	2018	Asian	1	0	1	1	100%
		Hispanic	4	1	3	2	66.7%
		White	16	2	14	8	57.1%
	2019	Asian	1	1	0		
		Hispanic	3	0	3	3	100%
White		11	1	10	6	60%	

*one or more students retained by DSC

Retention Rates by Race/Ethnicity (2 of 4)

Major	Fall Term	Race/Ethnicity	Registered	Exclusions	Adjusted Cohort	Retained by Program	
						N	%
2005 Internet Services Tech	2017	Hispanic	3	1	2*	0	0.0%
		White	8	2	6	4	66.7%
	2018	Hispanic	1	0	1	1	100%
		White	7	0	7*	2	28.6%
	2019	Hispanic	1	0	1	0	0%
		White	2	0	2	1	50%
2013- Computer Engineering Technology	2017	Asian	1	0	1	1	100.0%
		Black	10	1	9	1	11.1%
		Hispanic	11	2	9*	1	11.1%
		Two or More Races	3	1	2	1	50.0%
		White	36	4	32*	11	34.4%
	2018	Asian	2	0	2*	1	50%
		Black	7	0	7	5	71.4%
		Hispanic	4	0	4	2	50%
		Two or More Races	1	0	1	1	100%
		White	19	5	14	8	58.9%
	2019	Asian	2	0	2	1	50%
		Black	14	1	13	8	61.5%
		Hispanic	6	0	6	3	50%
		Two or More Races	3	0	3	1	33.3%
		White	20	2	18*	12	66.7%

**one or more students retained by DSC*

Registered - Includes all students enrolled in the fall term of the specified year, with the specified program as their primary major.
 Exclusions - Includes students who are deceased or graduated fall of the specified year or the following spring or summer.
 Adjusted Cohort - Registered students less exclusions.
 Not retained - Students who were not registered the following fall term.
 Retained by DSC - Students who were still registered at DSC the following fall but with a different primary major.
 Retained by Program - Students who were registered the following fall with the same primary major.

Retention Rates by Race/Ethnicity (3 of 4)

Major	Fall Term	Race/Ethnicity	Registered	Exclusions	Adjusted Cohort	Retained by Program	
						N	%
2047- Computer Programming & Analysis	2017	Asian	5	1	4	3	75.0%
		Black	6	1	5	3	60.0%
		Hispanic	12	1	11	4	36.4%
		Two or More Races	4	0	4	3	75.0%
		Unknown	4	0	4	3	75.0%
		White	58	11	47*	25	53.2%
	2018	Asian	6	3	3	1	33.3%
		Black	10	1	9	4	44.4%
		Hispanic	13	2	11	3	27.3%
		Two or More Races	8	1	7	6	85.7%
		Unknown	5	0	5	5	100%
		White	64	12	52	27	51.9%
	2019	Asian	1	1	0	0	
		Black	8	1	7	3	42.9%
		Hispanic	8	0	8	3	37.5%
		Two or More Races	8	1	7	4	57.1%
		Unknown	5	1	4	1	25%
		White	64	5	59*	34	57.6%
2067- Computer information Technology	2017	Asian	5	0	5	4	80.0%
		Black	10	0	10	6	60.0%
		Hispanic	16	1	15	5	33.3%
		Two or More Races	3	0	3	1	33.3%
		Unknow	1	0	1	0	0.0%
		White	56	7	49*	31	63.3%
	2018	American Indian	1	0	1	0	0%
		Asian	6	1	5	2	40%
		Black	16	0	16*	8	50%
		Hispanic	19	3	16*	8	50%
		Two or More Races	2	0	2	0	0%
		Unknown	2	0	2	1	50%
	White	42	10	32	16	50%	
	2019	Asian	3	2	1	1	100%
		Black	15	1	14	8	57.1%
		Hispanic	19	3	16	9	56.3%
		Native Hawaiian	1	0	1	1	100%
		Two or More Races	1	0	1	1	100%
Unknown		5	0	5	3	60%	
White	56	4	52*	33	63.5%		

*one or more students retained by DSC

Retention Rates by Race/Ethnicity (4 of 4)

Major	Fall Term	Race/Ethnicity	Registered	Exclusions	Adjusted Cohort	Retained by Program	
						N	%
2204- Simulation & Robotics Technology	2017	Black	1	0	1	1	100%
		Hispanic	1	0	1	1	100%
		Unknown	2	1	1	1	100%
		White	7	1	6	1	16.7%
	2018	Black	2	0	2	1	50%
		Hispanic	2	0	2	2	100%
		Unknown	1	0	1*		
		White	1	1	0		
	2019	Black	1	0	1	1	100%
		Hispanic	2	0	2	2	100%
		White	2	1	1	0	0%
	2232 – Engineering Technology	2017	Asian	1	0	1*	0
Black			2	0	2	1	50%
Hispanic			5	1	4	1	25%
Two or More Races			1	0	1	0	0%
Unknown			1	0	1	1	100%
White			9	0	9	8	88.9%
2018		Black	3	1	2*	0	0%
		Hispanic	5	0	5	3	60%
		Two or More Races	1	0	1	1	100%
		Unknown	1	0	1	1	100%
		White	20	4	16*	9	56.3%
2019		American Indian	1	0	1*		
		Black	4	0	4	1	25%
		Hispanic	11	0	11*	8	72.7%
		Two or More Races	2	1	1	1	100%
	Unknown	2	0	2	0	0%	
	White	22	2	20	9	45%	
2234 Database Technology	2017	White	1	0	1	1	100.0%
	2018	White	2	0	2*	0	0%

*one or more students retained by DSC

Retention Rates by Gender (1 of 2)

Major	Fall Term	Gender	Registered	Exclusions	Adjusted Cohort	Retained by Program	
						N	%
2002 Network Systems Tech	2017	Female	2	0	2	2	100%
		Male	56	12	44*	28	64%
		Unknown	1	1	0		
	2018	Female	5	1	4	4	100%
		Male	58	10	48	21	43.8%
	2019	Female	9	0	9	4	44.4%
		Male	35	5	30*	18	60%
		PrefNoAns	2	0	2	1	50%
Unknown	1	0	1	0	0%		
2003 Electronics Engineering Tech	2017	Male	20	3	17*	11	65%
		Unknown	1	0	1	0	0
	2018	Female	2	0	2	1	50%
		Male	19	3	16	10	62.5%
	2019	Female	1	0	1	1	100%
Male		14	2	12	8	66.7%	
2005 Internet Services Tech	2017	Female	5	0	5	4	80%
		Male	6	3	3*	0	0%
	2018	Female	4	0	4*	0	0%
		Male	4	0	4	3	75%
	2019	Male	3	0	3	1	33.3%
2013 Computer Engineering Technology	2017	Female	7	0	7	1	14%
		Male	53	8	45*	14	31%
		Unknown	1	0	1	0	0%
	2018	Female	3	0	3	2	66.7%
		Male	29	5	24*	14	58.3%
		Unknown	1	0	1	1	100%
	2019	Female	4	0	4	4	100%
		Male	39	2	37*	21	56.8%
PrefNoAns		1	0	1	0	0%	
Unknown	1	1	0				

*one or more students retained by DSC

Retention Rates by Gender (2 of 2)

Major	Fall Term	Gender	Registered	Exclusions	Adjusted Cohort	Retained by Program	
						N	%
2047- Computer Programming & Analysis	2017	Female	19	3	16	9	56%
		Male	70	11	59*	32	54%
	2018	Female	19	3	16	10	62.5%
		Male	86	16	70	36	51.4%
		PrefNoAns	1	0	1	0	0%
	2019	Female	22	3	19	7	36.8%
		Male	68	5	63*	37	58.7%
		PrefNoAns	1	0	1	0	0%
		Unknown	3	1	2	1	50%
	2067- Computer information Technology	2017	Female	15	3	12	6
Male			75	5	70*	41	59%
Unknown			1	0	1	0	0%
2018		Female	15	2	13*	6	46.2%
		Male	69	11	58*	28	48.3%
		PrefNoAns	3	1	2	1	50%
		Unknown	1	0	1	0	0%
2019		Female	18	0	18	11	61.1%
		Male	79	9	70*	45	64.3%
		PrefNoAns	2	1	1	0	0%
	Unknown	1	0	1	0	0%	
2204- Simulation & Robotics Technology	2017	Female	1	0	1	0	0%
		Male	10	2	8	4	50%
	2018	Male	6	1	5*	3	60%
		Female	2	1	1	0	0%
2019	Male	3	0	3	3	100%	
	Female	2	1	1	0	0%	
2232 – Engineering Technology	2017	Male	19	1	18*	11	61%
		Female	1	0	1	0	0%
	2018	Male	29	5	24*	14	58.3%
		Female	1	0	1	1	100%
2019	Male	41	3	38*	18	47.4%	
	Female	1	0	1	0	0%	
2234 Database Technology	2017	Male	1	0	1	1	100%
		Female	1	0	1	0	0%
	2018	Male	1	0	1	0	0%

*one or more students retained by DSC

Placement Rates (1 of 2)

Program Title	Major	2014/15		2015/16		2016/17		2017/18		2018/19		Average Annual Salary
		DSC%	FCS%	DSC%	FCS%	DSC%	FCS%	DSC%	FCS%	DSC%	FCS%	
Advanced Network Infrastructure	0908*	100%	91%	100%	88%	75%	85%	0%	74%			\$**,***
Cable Installation	0921*	87%	89%	***%	91%	88%	88%	***%	***%	100%	100%	\$**,***
Computer Engineering Technology	2013	56%	N/A	80%	73%	50%	50%	***%	62%	100%	***%	\$**,***
		Revised						60%	78%	91%	78%	\$**,***
Computer Information Technology	2067	57%	59%	***%	69%	***%	71%	80%	51%	75%	51%	\$**,***
		Revised						75%	79%	94%	75%	\$34,236
Computer Programming	0938	89%	88%	77%	87%	100%	86%	85%	78%	88%	88%	\$39,672
Computer Programming and Analysis (Software Engineering Technology)	2047	89%	91%	77%	82%	100%	93%	75%	74%	N/A	***%	\$**,***
Electronics Engineering Technology	2003	100%	78%	75%	82%	100%	80%	75%	78%	83%	79%	\$**,***
Information Technology Administration	0902*	100%	96%	80%	80%	100%	87%	***%	94%	92%	88%	\$**,***
Information Technology Analysis	0903	100%	96%	100%	95%	100%	97%	100%	90%	100%	94%	\$**,***
Information Technology Support Specialist	0905*	97%	94%	95%	92%	77%	95%	100%	93%	100%	98%	\$**,***
Internet Services Technology	2005	100%	79%	50%	44%	50%	73%	75%	86%	0%	74%	\$**,***

*Currently Inactive Program

N/A - No placement data for the program

(***), (\$**,***), or (****) - Number of graduates less than 10 but greater than 0 suppressed.

■ Indicates the College average above the State Averages
■ Indicates the College average same as the State Averages
■ Indicates the College average below the State Averages

Placement Rates (2 of 2)

Program Title	Major	2014/15		2015/16		2016/17		2017/18		2018/19		Average Annual Salary
		DSC%	FCS%	DSC%	FCS%	DSC%	FCS%	DSC%	FCS%	DSC%	FCS%	
Microcomputer Repairer/Installer	0907*	93%	84%	81%	83%	57%	58%	***%	69%	86%	87%	\$**,***
Network Communications (LAN)	0923*	N/A	82%	100%	100%	100%	100%	57%	57%	N/A	N/A	\$ **,***
Network Communications (WAN)	0924*	N/A	N/A	100%	100%	100%	100%	83%	83%	N/A	N/A	\$ **,***
Network Infrastructure	0922*	N/A	94%	100%	90%	100%	89%	60%	88%	N/A	N/A	\$ **,***
Network Server Administration	0904	100%	93%	100%	89%	100%	91%	88%	85%	100%	96%	\$**,***
Network Support Technician	0906	100%	93%	94%	90%	78%	93%	93%	89%	100%	95%	\$**,***
Network Systems Technology	2002	100%	99%	100%	95%	94%	94%	100%	87%	N/A	97%	\$**,***
		Revised						100%	87%	100%	90%	\$**,***
Simulation and Robotics Technology	2204	100%	100%	100%	100%	N/A	N/A	50%	50%	100%	100%	\$**,***
Engineering Technology	2232	New Program						100%	80%	100%	78%	\$**,***
Web Development Specialist	0909	80%	79%	100%	78%	100%	71%	75%	***%	50%	***%	\$**,***
Wireless Communications	0925*	86%	88%	100%	89%	100%	88%	77%	93%	100%	88%	\$**,***

*Currently Inactive Program

N/A - No placement data for the program

(***), (\$**,***), or (***%) - Number of graduates less than 10 but greater than 0 suppressed.

■ Indicates the College average above the State Averages
■ Indicates the College average same as the State Averages
■ Indicates the College average below the State Averages

Course Success Rates (1 of 3)

Major	Course	2017-2018		2018-2019		2019-2020		2020-2021		
		Attempted	% Successful	Attempted	% Successful	Attempted	% Successful	Attempted	% Successful	
2002- Network Systems Technology	CET1600	229	66%	179	69%	202	60%	198	68%	↑
	CET2615			11	100%					
	CET2620			6	67%					
	CET2660	30	87%	51	78%	27	81%	45	76%	
	CET2850	27	78%	18	83%	19	47%	13	85%	↑
	CGS2840			8	88%	9	78%	15	73%	
	CIS2350					66	61%	37	76%	↑
	CIS2381					9	78%	7	86%	↑
	CNT2402	21	90%	10	90%	7	29%	12	83%	
	CTS2306	83	70%	65	63%	90	68%	21	81%	
	CTS2308							42	83%	
	CTS2310	7	71%	6	67%					
	CTS2320	23	74%	10	60%	4	75%			
	CTS2321	111	82%	85	81%	80	85%	103	78%	
	CTS2328	24	75%	43	65%	26	85%			
	CTS2353							39	87%	
	CTS2358							11	82%	
CTS2370	14	71%	19	68%	15	67%	12	75%	↑	
2005- Internet Services Technology	CGS2820	41	71%	29	86%	18	72%	29	90%	↑
	COP2842	30	73%	32	81%	26	50%	42	76%	
	CIS2350	49	63%	63	70%					
	CIS2381	10	80%	5	80%					
	CTS1851	134	58%	149	56%	129	61%	153	67%	↑
2013- Computer Engineering Technology	CET2123C	11	91%	9	100%	13	100%	13	100%	
	CET2154	185	76%	157	75%	177	76%	180	71%	
	EET1011C	52	88%	58	93%	43	84%	47	77%	
	EET1021C	24	100%	38	95%	22	86%	23	91%	↑
	EET1141C	20	90%	29	100%	22	100%	22	100%	
	EET1607C	36	86%	32	75%	28	75%	18	78%	↑
	EET2142C	3	100%	5	100%	6	100%	8	100%	
	EET2326C	8	88%	2	100%	3	100%			
EET2949	2	100%	10	100%	5	100%	5	100%		

Course Success Rates (2 of 3)

Major	Course	2017-2018		2018-2019		2019-2020		2020-2021	
		Attempted	% Successful	Attempted	% Successful	Attempted	% Successful	Attempted	% Successful
2047- Computer Programming & Analysis	CEN2002	30	77%	34	79%	21	81%	40	80%
	CET1112C	37	78%	51	82%	48	81%	47	87%
	CET2949	11	91%	7	100%	3	100%	5	100%
	COP1000	453	69%	420	73%	455	68%	466	70%
	COP2220	95	81%	90	82%	59	98%	73	93%
	COP2360	140	69%	112	70%	87	70%	114	75%
	COP2654	10	70%	24	58%	12	75%	14	71%
	COP2660	18	78%	15	87%	15	73%	18	83%
	COP2700	93	54%	100	58%	119	76%	125	70%
	COP2800	165	57%	143	58%	96	70%	140	69%
	COP2949	20	100%	43	98%	37	92%	26	96%
2067- Computer information Technology	CGS2100	898	76%	837	75%	810	76%	671	77%
	CIS2949	34	100%	25	96%	11	100%	9	100%
	CTS2214	29	59%	24	88%	36	86%	34	76%
	CTS2431	13	77%						

■ Indicates a success rate of 90% or higher
■ Indicates a success rate between 70% and 89%
■ Indicates a success rate below 70%

Course Success Rates (3 of 3)

Major	Course	2017-2018		2018-2019		2019-2020		2020-2021	
		Attempted	% Successful	Attempted	% Successful	Attempted	% Successful	Attempted	% Successful
2204- Simulation & Robotics	CAP1801			5	100%	8	63%	13	100%
	CAP2023	25	72%	31	84%	24	79%		
	CAP2949	2	100%	2	100%	1	100%		
	ETM2315C	4	100%	2	100%	2	100%	6	100%
2234 – Database Technology	CTS2361					9	89%		
	CTS2375					9	67%		
	CAP2741					4	50%		
2232 – Engineering Technology	ETD2371					1	100%		
	ETI1110	9	78%	16	88%	22	91%	18	83%
	ETI1420	11	100%	9	89%	6	100%	20	80%
	ETI1701	10	90%	14	79%	13	100%	13	85%
	ETM1010	8	100%	9	89%	11	91%	15	80%
Other Courses	DIG1109	57	61%	50	78%	49	82%	62	85%
	DIG2100	30	60%	37	68%	17	65%	35	71%
	EGS1000	162	85%	158	80%	198	79%	148	82%

■ Indicates a success rate of 90% or higher
■ Indicates a success rate between 70% and 89%
■ Indicates a success rate below 70%

Course Success Rates by Race/Ethnicity (1 of 6)

Program, Course, and Race/Ethnicity	2018-2019		2019-2020		2020-2021	
	Enroll	Success	Enroll	Success	Enroll	Success
2002 Network Systems Technology	511	73%	554	67%	555	75%
CET1600	179	69%	202	60%	198	68%
American Indian/Alas	1	0%				
Asian	3	100%	6	50%	8	75%
Black	28	43%	26	46%	22	64%
Hispanic/Latino	31	61%	36	50%	40	68%
Two or More Races	12	83%	13	69%	8	63%
Unknown	2	100%	13	54%	4	50%
White	102	76%	108	67%	116	70%
CET2615	11	100%				
American Indian/Alas	1	100%				
Hispanic/Latino	2	100%				
White	8	100%				
CET2620	6	67%				
Hispanic/Latino	1	100%				
White	5	60%				
CET2660	51	78%	27	81%	45	76%
Asian	1	100%				
Black	7	57%	3	67%	7	71%
Hispanic/Latino	6	83%	5	80%	5	40%
Two or More Races	1	100%	2	50%	5	100%
Unknown	3	100%			1	100%
White	33	79%	17	88%	27	78%
CET2850	18	83%	19	47%	13	85%
American Indian/Alas	1	0%				
Black	1	100%	2	0%	3	67%
Hispanic/Latino	2	100%	4	25%	2	100%
Two or More Races			1	100%		
Unknown	1	100%	1	0%	1	100%
White	13	85%	11	64%	7	86%
CGS2840	8	88%	9	78%	15	73%
Black	1	100%	2	100%	1	0%
Hispanic/Latino	1	100%			3	0%
Native Hawaiian/Paci	1	100%				
Two or More Races					1	100%
Unknown			1	100%	2	100%
White	5	80%	6	67%	8	100%

Program, Course, and Race/Ethnicity	2018-2019		2019-2020		2020-2021	
	Enroll	Success	Enroll	Success	Enroll	Success
2002 Network Systems Technology	511	73%	554	67%	555	75%
CNT2402	10	90%	7	29%		
Black	1	100%	1	0%		
Hispanic/Latino	3	100%	1	100%		
Unknown			1	0%		
White	6	83%	4	25%		
CTS2306	65	63%	90	68%		
Asian	3	67%	2	100%		
Black	7	71%	12	92%		
Hispanic/Latino	7	43%	14	50%		
Two or More Races	1	100%	2	0%		
Unknown	1	100%	5	80%		
White	46	63%	55	67%		
CTS2310	6	67%	4	75%		
Black	1	0%	1	100%		
Hispanic			1	100%		
White	4	75%	2	50%		
CTS2320	10	60%				
Hispanic/Latino	2	50%				
Native Hawaiian/Paci	1	100%				
Unknown	1	0%				
White	6	67%				
CTS2321	85	81%	80	85%		
American Indian/Alas	1	100%				
Asian	6	100%	2	100%		
Black	5	100%	5	100%		
Hispanic/Latino	10	60%	13	85%		
Two or More Races	4	50%	4	50%		
Unknown	4	75%	3	100%		
White	55	84%	53	85%		
CTS2328	43	65%	26	85%		
Asian	1	100%	1	100%		
Black	8	63%	4	100%		
Hispanic/Latino	6	83%	3	100%		
Unknown	1	100%	1	100%		
White	27	59%	17	76%		
CIS2350					37	76%
Black					3	0%
Hispanic/Latino					11	64%
Unknown					2	50%
White					21	95%

Course Success Rates by Race/Ethnicity (2 of 6)

Program, Course, and Race/Ethnicity	2018-2019		2019-2020		2020-2021	
	Enroll	Success	Enroll	Success	Enroll	Success
2002 Network Systems Technology	511	73%	554	67%	555	75%
CTS2370	19	68%	15	67%		
Black	2	50%	1	0%		
Hispanic/Latino	3	67%	2	50%		
Unknown			1	100%		
White	14	71%	11	73%		
CIS2350	63	70%	66	61%		
American Indian/Alas	1	0%				
Asian	1	100%	1	100%		
Black	4	75%	8	63%		
Hispanic/Latino	12	67%	9	67%		
Two or More Races	1	100%	6	67%		
Unknown	1	0%	4	75%		
White	43	72%	38	55%		
CIS2381	5	80%	9	78%	7	86%
Black			1	0%	2	50%
Hispanic/Latino	1	100%	1	100%		
Two or More Races					1	100%
White	4	75%	7	86%	4	100%
CNT2402					12	83%
Black					2	100%
Hispanic/Latino					2	50%
Unknown					1	100%
White					7	86%
CTS2306					21	81%
Black					2	100%
Hispanic/Latino					4	75%
Two or More Races					2	100%
Unknown					1	100%
White					12	75%
CTS2308					42	83%
Black					5	100%
Hispanic/Latino					8	100%
Two or More Races					1	100%
White					28	75%

Program, Course, and Race/Ethnicity	2018-2019		2019-2020		2020-2021	
	Enroll	Success	Enroll	Success	Enroll	Success
2002 Network Systems Technology	511	73%	554	67%	555	75%
CTS2321					103	78%
American Indian/Alas					1	100%
Asian					4	50%
Black					15	67%
Hispanic/Latino					23	78%
Two or More Races					4	50%
Unknown					3	100%
White					53	83%
CTS2353					39	87%
Black					3	33%
Hispanic/Latino					8	100%
Two or More Races					1	100%
Unknown					2	100%
White					25	88%
CTS2358					11	82%
Black					2	100%
Hispanic/Latino					1	0%
White					8	88%
CTS2370					12	75%
Black					2	50%
Hispanic/Latino					1	0%
Two or More Races					1	100%
White					8	88%

Course Success Rates by Race/Ethnicity (3 of 6)

Program, Course, and Race/Ethnicity	2018-2019		2019-2020		2020-2021	
	Enroll	Success	Enroll	Success	Enroll	Success
2005 Internet Services Tech	278	65%	173	61%	224	71%
CGS2820	29	86%	18	72%	29	90%
Asian	4	100%				
Black	3	67%	3	33%	2	50%
Hispanic/Latino	5	80%	2	50%	4	100%
Two or More Races	1	100%	1	100%	4	100%
Unknown	2	100%	1	100%		
White	14	86%	11	82%	19	89%
COP2842	32	81%	26	50%	42	76%
Asian	2	100%	2	50%		
Black	3	33%	2	50%	3	33%
Hispanic/Latino	5	100%	2	50%	3	67%
Two or More Races	2	100%	3	67%	4	75%
Unknown	1	100%	1	100%	2	100%
White	19	79%	16	44%	30	80%
CTS1851	149	56%	129	61%	153	67%
Asian	2	100%	3	100%	2	100%
Black	19	58%	13	38%	20	60%
Hispanic/Latino	21	52%	17	47%	30	67%
Two or More Races	15	40%	6	83%	13	54%
Unknown	2	100%	4	100%	3	67%
White	90	57%	86	63%	85	69%

Program, Course, and Race/Ethnicity	2018-2019		2019-2020		2020-2021	
	Enroll	Success	Enroll	Success	Enroll	Success
2013 Computer Engineering Tech	340	84%	319	82%	316	78%
CET2123C	9	100%	13	100%	13	100%
Asian			2	100%	1	100%
Black	1	100%	1	100%	1	100%
Hispanic/Latino	1	100%	1	100%	2	100%
Two or More Races			2	100%	1	100%
White	7	100%	7	100%	8	100%
CET2154	157	75%	177	76%	180	71%
Asian	6	83%	2	0%	4	75%
Black	17	65%	24	67%	17	71%
Hispanic/Latino	29	62%	27	56%	41	63%
Two or More Races	6	83%	14	86%	9	56%
Unknown	2	100%	7	100%	5	60%
White	97	78%	103	83%	104	75%
EET1011C	58	93%	43	84%	47	77%
Asian	4	100%	1	100%	1	100%
Black	8	63%	5	60%	4	100%
Hispanic/Latino	8	100%	8	75%	9	44%
Two or More Races	2	100%	1	100%	4	100%
White	35	97%	28	89%	29	79%
EET1021C	38	95%	22	86%	23	91%
Asian	2	100%	1	100%	1	100%
Black	4	100%	4	75%	3	100%
Hispanic/Latino	7	100%	3	100%	3	33%
Two or More Races					5	100%
White	21	90%	14	86%	11	100%

■ Indicates a success rate of 90% or higher
■ Indicates a success rate between 70% and 89%
■ Indicates a success rate below 70%

Course Success Rates by Race/Ethnicity (4 of 6)

Program, Course, and Race/Ethnicity	2018-2019		2019-2020		2020-2021	
	Enroll	Success	Enroll	Success	Enroll	Success
2013 Computer Engineering Tech	340	84%	319	82%	316	78%
EET1141C	29	100%	22	100%	22	100%
Asian					2	100%
Black	2	100%	3	100%	3	100%
Hispanic/Latino	4	100%	5	100%	2	100%
Two or More Races	3	100%	2	100%	4	100%
White	16	100%	12	100%	11	100%
EET1607C	32	75%	28	75%	18	78%
Asian	1	100%	1	100%		
Black	8	63%	4	50%	5	60%
Hispanic/Latino	3	67%	4	50%	3	67%
Two or More Races	2	50%	3	67%	1	100%
Unknown	1	100%	1	100%		
White	17	82%	15	87%	9	89%
EET2142C	5	100%	6	100%	8	100%
Asian			1	100%		
Black	1	100%	1	100%		
Hispanic					4	100%
White	4	100%	4	100%	4	100%
EET2326C	2	100%	3	100%		
Hispanic			1	100%		
White	2	100%	2	100%		
EET2949	10	100%	5	100%	5	100%
Asian			1	100%		
Hispanic/Latino	1	100%	1	100%	3	100%
White	8	100%	3	100%	2	100%
2047 Computer Program. & Analysis (Software Engineering Technology)	1039	72%	952	74%	1068	74%
CEN2002	34	79%	21	81%	40	80%
Asian	1	0%	2	100%		
Black	4	75%	1	0%	2	50%
Hispanic/Latino	10	80%	4	50%	3	67%
Two or More Races	2	100%	2	100%	5	100%
Unknown	1	100%	2	100%	1	100%
White	16	81%	10	90%	29	79%

Program, Course, and Race/Ethnicity	2018-2019		2019-2020		2020-2021	
	Enroll	Success	Enroll	Success	Enroll	Success
2047 Computer Program. & Analysis (Software Engineering Technology)	1039	72%	952	74%	1068	74%
CET1112C	51	82%	48	81%	47	87%
Asian	2	50%	1	100%	1	0%
Black	4	75%	6	67%	2	100%
Hispanic/Latino	6	83%	10	70%	10	80%
Two or More Races	2	100%	3	67%	2	100%
Unknown	1	100%	1	100%		
White	36	83%	27	89%	32	91%
CET2949	7	100%	3	100%	5	100%
Black			1	100%		
Hispanic			1	100%	2	100%
White	6	100%	1	100%	3	100%
COP1000	420	73%	455	68%	466	70%
American Indian/Alas	1	0%	3	67%	1	100%
Asian	10	90%	8	88%	16	63%
Black	35	74%	43	47%	41	68%
Hispanic/Latino	68	69%	84	55%	89	67%
Two or More Races	20	70%	18	72%	26	54%
Unknown	6	100%	16	69%	17	76%
White	280	74%	283	75%	276	72%
COP2220	90	82%	59	98%	73	93%
American Indian					1	100%
Asian	4	100%	3	100%	8	88%
Black	9	78%	4	100%	2	100%
Hispanic/Latino	16	88%	12	100%	14	100%
Two or More Races	3	100%	4	100%	2	100%
Unknown	3	67%	3	67%	2	100%
White	55	80%	33	100%	44	91%
COP2360	112	70%	87	70%	114	75%
Asian	5	80%	3	100%	3	100%
Black	7	57%	5	80%	10	70%
Hispanic/Latino	15	80%	7	57%	18	72%
Two or More Races	3	100%	7	86%	9	100%
Unknown	3	100%	1	100%	3	100%
White	79	66%	64	67%	71	72%

Source: IR Program Assessment Data

Course Success Rates by Race/Ethnicity (5 of 6)

Program, Course, and Race/Ethnicity	2018-2019		2019-2020		2020-2021	
	Enroll	Success	Enroll	Success	Enroll	Success
2047 Computer Program. & Analysis (Software Engineering Technology)	1039	72%	952	74%	1068	74%
COP2654	24	58%	12	75%	14	71%
American Indian			1	0%		
Black	2	0%	2	50%	1	100%
Hispanic					2	100%
Two or More Races					2	50%
Unknown			2	100%		
White	16	56%	7	86%	9	67%
COP2660	15	87%	15	73%	18	83%
Hispanic/Latino	2	100%	4	50%	2	50%
Two or More Races	1	100%	1	100%	3	100%
Unknown			1	100%		
White	8	75%	9	78%	13	85%
COP2700	100	58%	119	76%	125	70%
Asian	3	100%	6	83%		
Black	11	55%	14	79%	14	57%
Hispanic/Latino	16	56%	13	77%	20	55%
Two or More Races	6	83%	8	75%	8	50%
Unknown	2	0%	4	100%	2	100%
White	62	56%	74	73%	81	77%
COP2800	143	58%	96	70%	140	69%
American Indian/Alas	1	0%	2	50%		
Asian	9	78%	1	100%	2	50%
Black	20	45%	4	50%	11	55%
Hispanic/Latino	15	40%	19	53%	22	73%
Two or More Races	6	83%	4	75%	11	64%
Unknown	3	100%	3	67%	5	80%
White	89	60%	63	76%	89	70%
COP2949	43	98%	37	92%	26	96%
Asian	5	100%	4	100%		
Black			4	75%	3	100%
Hispanic/Latino	9	100%	3	100%	2	100%
Two or More Races	1	100%	2	100%	3	100%
Unknown	1	100%	2	100%		
White	27	96%	22	91%	18	94%

Program, Course, and Race/Ethnicity	2018-2019		2019-2020		2020-2021	
	Enroll	Success	Enroll	Success	Enroll	Success
2067 Computer Information Tech	886	76%	857	77%	714	77%
CGS2100	837	75%	810	76%	671	77%
American Indian/Alas	2	50%	1	100%	1	100%
Asian	15	87%	17	71%	24	92%
Black	102	69%	77	61%	66	58%
Hispanic/Latino	133	69%	136	71%	140	69%
Native Hawaiian/Paci	1	0%	1	0%		
Two or More Races	37	70%	33	76%	30	67%
Unknown	10	80%	19	68%	16	81%
White	537	78%	526	80%	394	83%
CIS2949	25	96%	11	100%	9	100%
Black	1	100%	2	100%	2	100%
Hispanic/Latino					1	100%
Two or More Races					1	100%
Unknown			2	100%	1	100%
White	15	93%	7	100%	4	100%
CTS2214	24	88%	36	86%	34	76%
Asian	1	100%	2	100%		
Black	1	100%	4	100%	4	75%
Hispanic/Latino	3	100%	8	75%	3	100%
Two or More Races					1	0%
Unknown					3	67%
White	19	84%	22	86%	23	78%
2204 Simulation and Robotics Tech	40	88%	35	77%	19	100%
CAP1801	5	100%	8	63%	13	100%
Asian			1	100%		
Black	1	100%	3	100%	2	100%
Hispanic/Latino					4	100%
Two or More Races			1	100%	1	100%
Unknown					1	100%
White	3	100%	3	0%	5	100%
CAP2023	31	84%	24	79%		
Asian	1	100%	1	100%		
Black	3	67%	3	67%		
Hispanic/Latino	8	63%	1	0%		
Two or More Races	1	100%	3	33%		
Unknown	1	100%	1	100%		
White	17	94%	15	93%		

Source: IR Program Assessment Data

Course Success Rates by Race/Ethnicity (6 of 6)

Program, Course, and Race/Ethnicity	2018-2019		2019-2020		2020-2021	
	Enroll	Success	Enroll	Success	Enroll	Success
2204 Simulation and Robotics Tech	40	88%	35	77%	19	100%
CAP2949	2	100%	1	100%	13	100%
Black			1	100%	2	100%
Hispanic/Latino					4	100%
Two or More Races					1	100%
Unknown					1	100%
White					5	100%
ETM2315C	2	100%	2	100%	6	100%
Asian			1	100%		
Black					1	100%
Hispanic					2	100%
White	1	100%	1	100%	3	100%
2232 - Database Technology			22	78%		
CTS2361			9	89%		
Black			3	67%		
Hispanic/Latino			2	100%		
White			4	100%		
CTS2375			9	67%		
Black			3	67%		
Hispanic/Latino			1	0%		
Unknown			1	0%		
White			4	100%		
CAP2741			4	50%		
Black			2	100%		
Hispanic/Latino			1	0%		
Two or More Races			1	0%		
2232 Engineering Technology	48	85%	53	94%	66	82%
ETD2371			1	100%		
Black			1	100%		
ETI1110	16	88%	22	91%	18	83%
Black	1	100%	2	50%	3	67%
Hispanic/Latino	2	100%	2	100%	6	83%
Two or More Races	1	100%	2	100%	2	100%
White	12	83%	16	94%	7	86%
ETI1420	9	89%	6	100%	20	80%
Black	1	100%	1	100%	1	100%
Hispanic/Latino					6	83%
Two or More Races	2	50%	1	100%	3	67%
White	6	100%	4	100%	10	80%

Program, Course, and Race/Ethnicity	2018-2019		2019-2020		2020-2021	
	Enroll	Success	Enroll	Success	Enroll	Success
ETI1701	14	79%	13	100%	13	85%
Black	2	100%			2	100%
Hispanic/Latino	1	100%	4	100%	4	100%
Two or More Races	2	50%	1	100%	2	100%
White	9	78%	8	100%	5	60%
ETM1010	9	89%	11	91%	15	80%
Hispanic			3	100%	3	67%
Two or More Races	1	0%	1	100%	2	100%
White	7	100%	7	86%	10	80%
Other	245	78%	264	78%	245	82%
DIG1109	50	78%	49	82%	62	85%
Asian	2	100%	1	100%		
Black	7	71%	4	75%	10	80%
Hispanic/Latino	7	43%	14	93%	10	90%
Two or More Races	1	100%	2	100%	4	100%
Unknown			2	100%	3	100%
White	33	85%	26	73%	35	83%
DIG2100	37	68%	17	65%	35	71%
Black					5	40%
Hispanic/Latino	4	75%	1	100%	1	100%
Two or More Races	2	50%	2	50%	2	50%
Unknown	1	100%	1	100%		
White	18	61%	13	62%	27	78%
EGS1000	158	80%	198	79%	148	82%
Asian	8	63%	2	50%	5	100%
Black	17	82%	25	68%	22	68%
Hispanic/Latino	29	72%	37	68%	30	87%
Two or More Races	13	92%	9	78%	6	100%
Unknown	2	100%	8	88%	2	50%
White	89	81%	117	85%	83	83%
Grand Total	3387	74%	3229	74%	3207	76%

Overall Program Success Rates by Race/Ethnicity

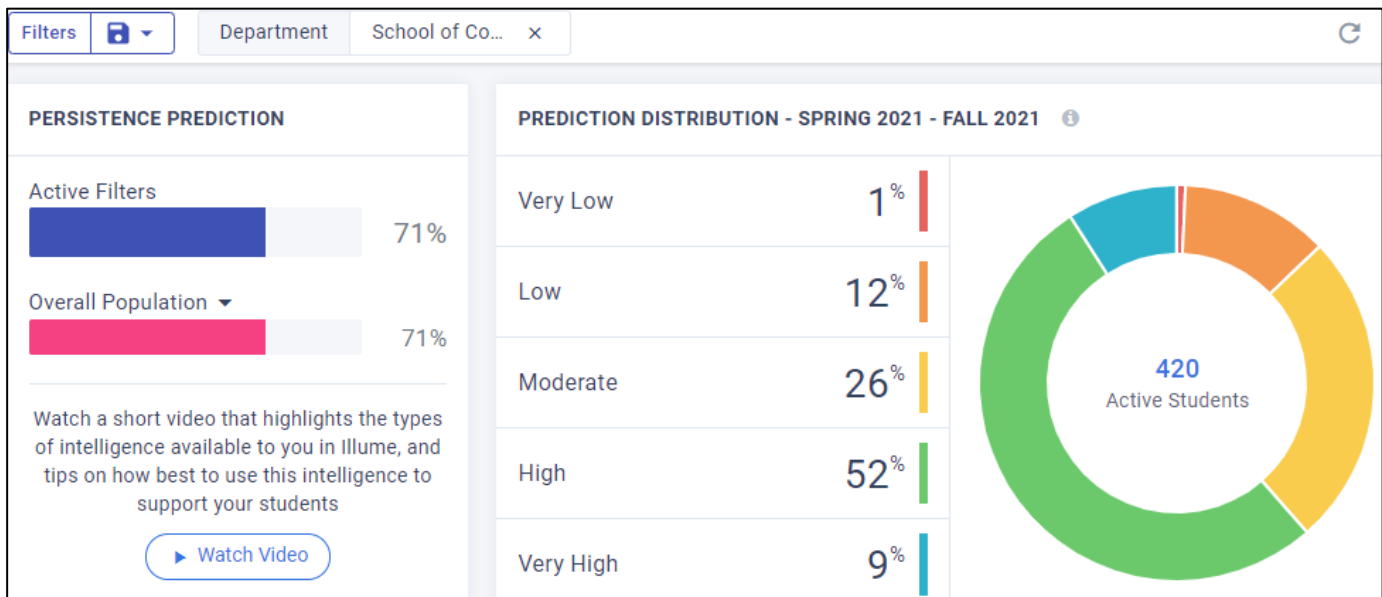
Program and Race/Ethnicity	2018-2019		2019-2020		2020-2021	
	Enroll	Success	Enroll	Success	Enroll	Success
2002 Network Systems Technology	511	73%	554	67%	555	75%
American Indian/Alas	4	50%			1	100%
Asian	14	93%	12	75%	12	67%
Black	61	57%	65	65%	69	65%
Hispanic/Latino	74	68%	89	60%	108	70%
Native Hawaiian/Paci	2	100%				
Two or More Races	18	78%	29	62%	24	79%
Unknown	14	86%	30	67%	17	82%
White	324	75%	329	70%	324	79%
2005 Internet Service Technology	278	65%	173	61%	224	71%
American Indian/Alas	1	0%				
Asian	9	100%	5	80%	2	100%
Black	29	59%	18	39%	25	56%
Hispanic/Latino	44	66%	21	48%	37	70%
Two or More Races	19	53%	10	80%	21	67%
Unknown	6	83%	6	100%	5	80%
White	170	66%	113	62%	134	75%
2013 Computer Engineering Technology	340	84%	319	82%	316	78%
American Indian/Alas	2	100%				
Asian	15	93%	9	78%	9	89%
Black	42	71%	41	68%	33	79%
Hispanic/Latino	53	77%	50	68%	67	66%
Two or More Races	16	88%	23	87%	24	83%
Unknown	5	100%	8	100%	5	60%
White	207	87%	188	87%	178	81%
2047 Computer Program. & Analysis (Software Engineering Technology)	1039	72%	952	74%	1068	74%
American Indian/Alas	2	0%	6	50%	2	100%
Asian	44	86%	28	93%	30	70%
Black	93	63%	84	60%	86	67%
Hispanic/Latino	161	72%	157	62%	184	71%
Two or More Races	45	80%	49	80%	71	70%
Unknown	20	85%	35	80%	30	83%
White	674	71%	593	77%	665	75%

Program and Race/Ethnicity	2018-2019		2019-2020		2020-2021	
	Enroll	Success	Enroll	Success	Enroll	Success
2067 Computer Information Tech	886	76%	857	77%	714	77%
American Indian/Alas	3	67%	1	100%	1	100%
Asian	17	88%	19	74%	24	92%
Black	104	69%	83	64%	72	60%
Hispanic/Latino	141	71%	144	72%	144	69%
Native Hawaiian/Paci	2	50%	1	0%		
Two or More Races	38	71%	33	76%	32	66%
Unknown	10	80%	21	71%	20	80%
White	571	78%	555	80%	421	83%
2204 Simulation and Robotics Tech	40	88%	35	77%	19	100%
Asian	1	100%	3	100%		
Black	4	75%	7	86%	3	100%
Hispanic/Latino	8	63%	1	0%	6	100%
Two or More Races	1	100%	4	50%	1	100%
Unknown	4	100%	1	100%	1	100%
White	22	95%	19	79%	8	100%
2234 - Database Technology			22	78%		
Black			8	72%		
Hispanic/Latino			4	50%		
Two or More Races			1	0%		
Unknown			1	0%		
White			8	100%		
2232 Engineering Technology	48	85%	53	94%	66	82%
Black	5	100%	3	67%	6	83%
Hispanic/Latino	3	100%	10	100%	19	84%
Two or More Races	6	50%	5	100%	9	89%
White	34	88%	35	94%	32	78%
Other	245	78%	264	78%	245	82%
Asian	16	69%	3	67%	5	100%
Black	29	79%	29	69%	37	68%
Hispanic/Latino	40	68%	52	75%	41	88%
Two or More Races	16	88%	13	77%	12	92%
Unknown	3	100%	11	91%	5	80%
White	140	79%	156	81%	145	82%
Grand Total	3387	74%	3229	74%	3207	76%

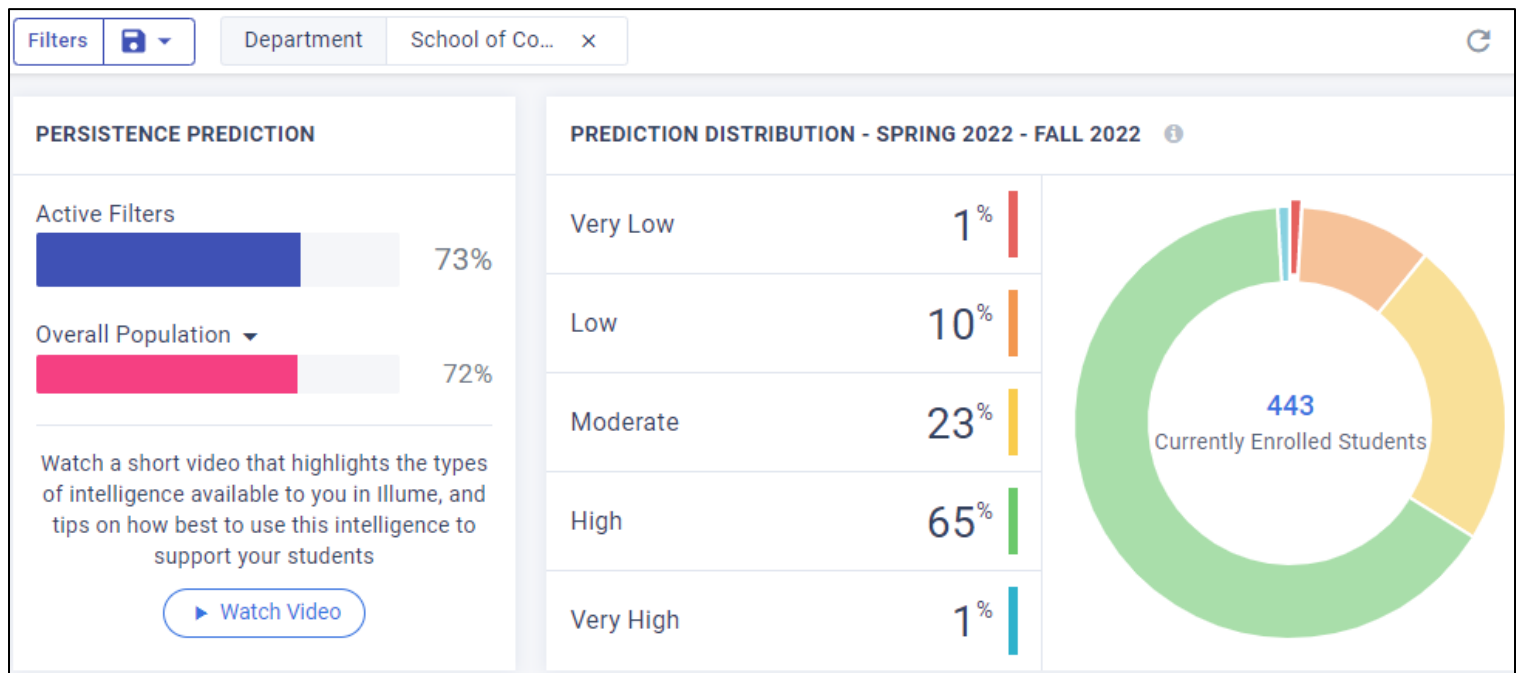
Source: IR Program Assessment Data

CIVITAS LEARNING – Illume Students

Captured on 3/11/2021



Captured on 2/24/2022



Explore courses where:

A student's course grade strongly signals graduation likelihood

These are courses where a single letter-grade difference creates the biggest boost in graduation likelihood for an individual student. Advising students to prioritize these courses could increase their graduation likelihood.

Department **School of Computer Science** x Clear All + Add Filters

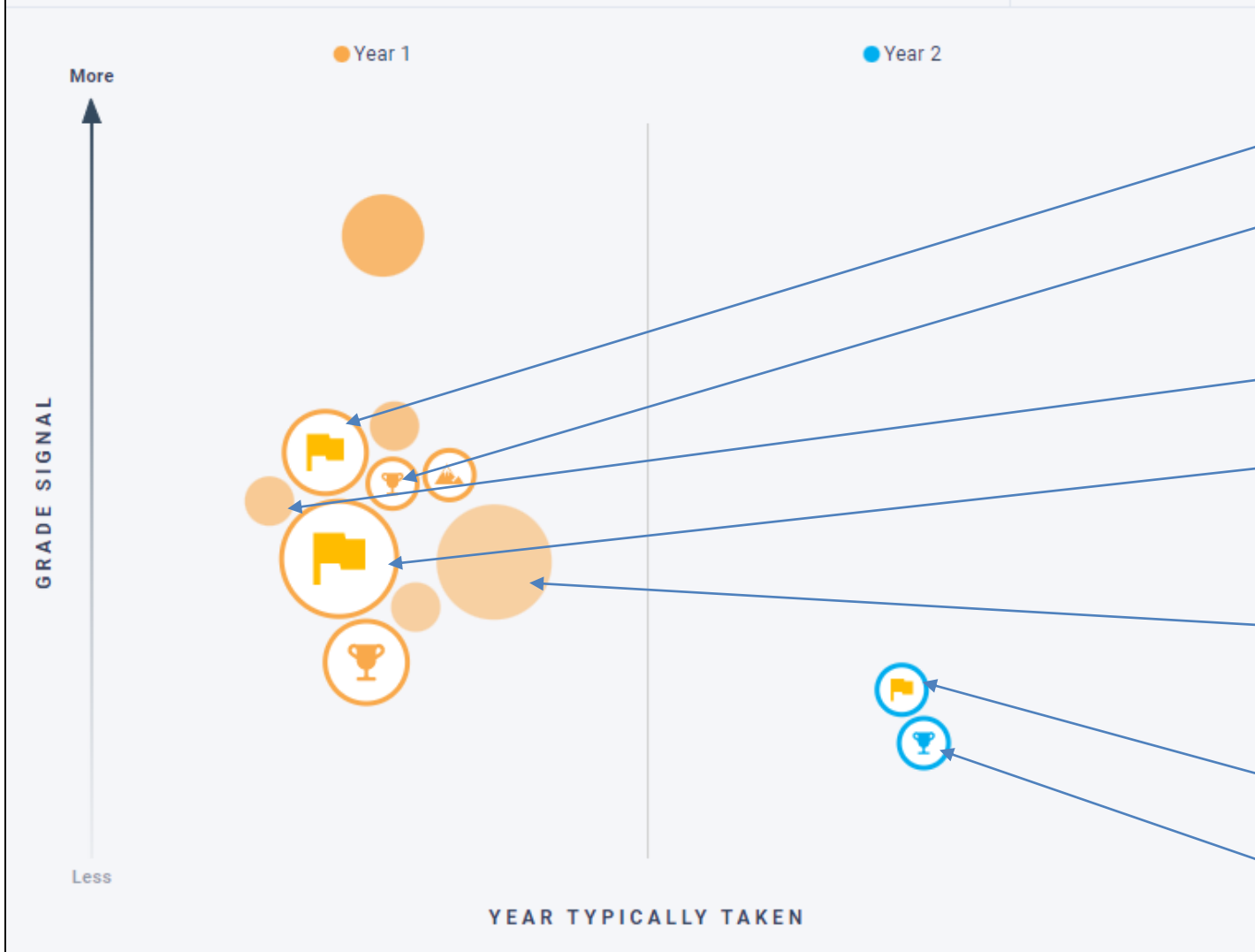
12 Courses

Bubble Size

Export Courses

Highest Grade Signal

- ENC-1101 : Introducti... >
- PSY-1012 : General P... >
- CET-1600 : Network ... >
- CGS-2100 : Microco... >
- MAC-1105 : College ... >
- CTS-1851 : Internet ... >
- CET-2154 : A+ Comp... >
- SPC-2608 : Oral Com... >
- COP-1000 : Principle... >
- EGS-1000 : Professio... >
- COP-2800 : Compute... >
- CTS-2306 : Installin... >



CIVITAS LEARNING – Completion Insights

Filters
Department School of Co... x

Show 3 Year ▾ Completion Prediction for students who started in Fall 2020 ▾

Summary of Progress

Total Students [?]

112

Earned Credential [?]

0

0%

Analysis of Currently Enrolled Students Without a Credential [?]

COMPLETION PREDICTION FOR CURRENTLY ENROLLED STUDENTS

FALL 2020

Active Filters

47%

Overall Population ▾

46%

Showing the probability of students earning a credential in a 3 year window from a start term in Fall 2020

ACTIVE FILTER COMPLETION PREDICTION DISTRIBUTION [?]

FALL 2020

Very Low	21%	
Low	30%	
Moderate	23%	
High	26%	
Very High	0%	

53
Currently Enrolled Students

Captured on 2/24/2022