# ASSESSMENT DAY

College of Business, Engineering and Technology

School of Engineering Technology

February 23, 2016

# Academic Assessment

| | LEVEL | FOCUS | CONDUCTED BY | FREQUENCY |
|---|---|---|---|---|
| **Academic Success Committee** | Program | • Quality of assessment practices | Committee of peers | Years 1 & 2 |
| **Instructional Program Review** | Program / Cluster | • Enrollment, retention, completion<br>• Industry certifications and job placement<br>• Program budget and staffing<br>• Advisory committees<br>• Curriculum changes | Committee of peers | Year 3 |
| **Assessment Day** | Course/ Program | • Enrollment by demographics<br>• Graduation and retention<br>• Average class size<br>• Course success rate<br>• Placement rate<br>• SLOs, PLOs and ILOs | Program Chair and Faculty | Years 1, 2, 3 |

# Programs

6334 - Bachelor of Science Information Technology - BSIT

6331 - Bachelor of Science in Engineering Technology (BSET)

6333 - Bachelor of Science in Engineering Technology - Electrical Engineering Technology Concentration

3002 - Cybersecurity and Cyberforensics

3003 - Web Systems Software Development

# Courses

CEN4801 Systems Integration

CET3116 Digital Technology

CET3198 Digital Systems

CET3198L Digital Systems Lab

CEN4010 Software Engineering

CNT3104 Introduction to Telecommunications

CET3906 Directed Study in Computer Engineering Technology

CET4134 Microprocessor Electronics II

CET4134L Microprocessor Electronics II Lab

CET4138 Programmable Digital Devices

CET4138L Programmable Digital Devices Lab

CDA4101 Computer Organization and Design

CNT4007 Data and Computer Communications

COP4610 Operating Systems

CIS4360 Applied Cybersecurity

CET4668 Practice of Information Security

CNT4703 Voice and Data Network Design

CET4860 Introduction to Digital Forensics

CET4861 Advanced Digital Forensics

CET4862 Network Forensics and Incident Response

CET4884 Security Methods and Practice

CET4885 Digital Forensics for Information Security

CIS4510 IT Project Management

COP4708 Applied Database I

COP4709 Applied Database II

COP4813 Web Systems I

COP4834 Web Systems II

COT3100 Discrete Computational Analysis

CTS3348 Linux Administration

EET3085 Electricity and Electronics

EET3085L Electricity and Electronics Lab

EET3086 Principles of Electrical Circuits

EET3716 Network Analysis

EET4158 Linear Integrated Circuits

EET4158L

EET4329 Communications Systems

EET4329L Communications Systems Lab

EET4732 Feedback Control Systems

EET4732L Feedback Control Systems Lab

EGN3311 Statics

EGN3343 Thermodynamics

EGN3613 Engineering Economics Analysis

ETC4206 Construction Estimating

ETC4241 Construction Materials and Methods

ETC4241L Construction Materials and Methods Lab

ETC4414 Structural Steel Design

ETC4414L Structural Steel Design Lab

ETC4415 Structural Concrete Design

ETC4415L Structural Concrete Design Lab

ETG3533 Engineering Strength of Materials

ETG3533L Engineering Strength of Materials Lab

ETG3541 Applied Mechanics

ETG3907 Directed Study in Industrial Systems

ETG4950 Project Management and Senior Design II

ETG4950L Project Management and Senior Design II Lab

ETI3116 Engineering Quality Assurance

ETI3421 Materials and Processes

ETI3671 Technical Economics Analysis

ETI3690 Technical Sales

ETI4186 Applied Reliability

ETI4205 Applied Logistics

ETI4448 Project Management and Senior Design I

ETI4635 Technical Administration

ETI4640 Operations Management

ETI4704 Occupational Safety

ETM4220 Energy Systems

ETM4331 Applied Fluid Mechanics

ETM4512 Design of Machine Elements

ETP4240 Power Systems

ETP4240L Power Systems Lab

ETS3543 Programmable Logic Applications and Device

ETS3543L Programmable Logic Applications and Device Lab

ETS4502 Metrology and Instrumentation

ETS4502L Metrology and Instrumentation Lab

CIS4250 Ethical Issues in IT

CEN3722 Human Computer Interfaces

COP3530 Data Structures

# Action Items from Last Assessment Day

***Assessment Day (11/02/2014)***

***Institutional Effectiveness:***

1. Students “not found” through the state (Job Placement) will be sent to the Chair to update with supplemental information.

***School of Engineering Technology:***

1. Check College website, School of Engineering Technology course offering to remove old offerings or add new courses.
2. Study possibility to implement “Expiration date” on courses to assure shorter time to degree.
3. Research option to track alumni.

# Headcount by Major

| Major | 2012-2013 | 2013-2014 | 2014-2015 |
|---|---|---|---|
| 6334 - BS-Info Tech - BSIT | | 60 | 225 |
| 6331 - BS-Engr Tech | 120 | 131 | 136 |
| 6332 - BS-Engr Tech - IT | 234 | 188 | 80 |
| 6333 - BS-Engr Tech - EE | 46 | 65 | 56 |
| 3002 - Cybersec./Cyberforensic | | | 6 |
| **Total** | **397** | **429** | **468** |

*College Headcount decreased: 2012/13 (9.6%), 2013/14 (6%), 2014/15 (7%)*

Source: IR Program Assessment Data

*Students are duplicated across programs, unduplicated in the total.*

# Average Age by Program

| Program | 2012-2013 | 2013-2014 | 2014-2015 |
|---|---|---|---|
| 3002 - Cybersec./Cyberforensic | | | 29.0 |
| 6331 - BS-Engr Tech | 30.6 | 31.3 | 31.0 |
| 6333 - BS-Engr Tech - EE | 33.6 | 34.0 | 33.0 |
| 6334 - BS-Info Tech - BSIT | | 31.8 | 31.1 |

*Calculation excludes individuals whose birthdates are not reported.*

| | 2012-2013 | 2013-2014 | 2014-2015 |
|---|---|---|---|
| All Programs | 32 | 32 | 32 |
| Daytona State College | 26.7 | 26.6 | 26.4 |

Source: IR Program Assessment Data

# Gender

| Program | 2012-2013 | | 2013-2014 | | 2014-2015 | |
|---|---|---|---|---|---|---|
| | Female | Male | Female | Male | Female | Male |
| 3002 - Cybersec./Cyberforensic | | | | | | 100% |
| 6331 - BS-Engr Tech | 21% | 79% | 18% | 82% | 17% | 83% |
| 6333 - BS-Engr Tech - EE | 15% | 85% | 14% | 86% | 9% | 91% |
| 6334 - BS-Info Tech - BSIT | | | 18% | 82% | 20% | 80% |

*Blank cells or missing years indicate no enrollment. Excludes individuals whose gender is not reported.*

| Major | 2012-2013 | | 2013-2014 | | 2014-2015 | |
|---|---|---|---|---|---|---|
| | Female | Male | Female | Male | Female | Male |
| Daytona State College | 60% | 40% | 59% | 41% | 60% | 40% |

Source: IR Program Assessment Data

# Race / Ethnicity by Program 2012-13

| | Headcount | Amer Indian/ Alaska Native | Asian | Black or African Amer | Hispanic | Nat Hawaiian Pacif Islander | 2 or More Races | White |
|---|---|---|---|---|---|---|---|---|
| 6331 – BS Engineering Technology | 120 | 1% | 2% | 9% | 10% | | | 75% |
| 6333 – BS Engineering Technology - EE | 46 | | | 15% | 11% | | | 74% |
| Total All Programs | 397 | | 3% | 10% | 11% | | 1% | 74% |

Excludes individuals whose race / ethnicity is not reported.
Blank cells or missing years indicate no enrollment.

Source: IR Program Assessment Data

# Race / Ethnicity by Program 2013-14

| | Headcount | Amer Indian/ Alaska Native | Asian | Black or African Amer | Hispanic | Nat Hawaiian Pacif Islander | 2 or More Races | White |
|---|---|---|---|---|---|---|---|---|
| 6331 – BS Engineering Technology | 131 | | 2% | 9% | 11% | | 2% | 73% |
| 6333 – BS Engineering Technology - EE | 65 | | 3% | 12% | 11% | | | 74% |
| 6334 – BS Information Tech BSIT | 60 | | 7% | 15% | 12% | | | 67% |
| Total All Programs | 429 | | 3% | 10% | 12% | | 1% | 71% |

Excludes individuals whose race / ethnicity is not reported.
Blank cells or missing years indicate no enrollment.

Source: IR Program Assessment Data

# Race / Ethnicity by Program 2014-15

| | Headcount | Amer Indian/ Alaska Native | Asian | Black or African Amer | Hispanic | Nat Hawaiian Pacif Islander | 2 or More Races | White |
|---|---|---|---|---|---|---|---|---|
| 6331 – BS Engineering Technology | 136 | | 2% | 9% | 13% | | 3% | 68% |
| 6333 – BS Engineering Technology - EE | 56 | | 2% | 9% | 13% | | | 77% |
| 6334 – BS Information Tech BSIT | 225 | | 5% | 11% | 11% | | 2% | 71% |
| 3002 – Cybersecurity /Cyber Forensic | 6 | | 17% | | 17% | | | 67% |
| Total All Programs | 468 | | 4% | 10% | 13% | | 2% | 70% |
| DSC | | 0.5% | 2% | 14% | 13% | 0.2% | 2% | 67% |

Excludes individuals whose race / ethnicity is not reported.
Blank cells or missing years indicate no enrollment.

Source: IR Program Assessment Data

## Graduates in Major

| Major | 2012-2013 | 2013-2014 | 2014-2015 |
|---|---|---|---|
| 6331 - BS-Engr Tech | 23 | 13 | 21 |
| 6332 - BS-Engr Tech - IT | 36 | 19 | 19 |
| 6334 - BS-Info Tech - BSIT | | 7 | 13 |
| 6333 - BS-Engr Tech - EE | 6 | 8 | 7 |
| 3002 - Cybersec./Cyberforensic | | | 4 |
| **Total** | **65** | **47** | **64** |

*Blank cells or missing years indicate no graduates.*

Source: IR Program Assessment Data

# Graduation Rates

| Major | Fall Cohort Year | # in Cohort | 150% Graduates | 150% Graduation Rate | 200% Graduates | 200% Graduation Rate |
|---|---|---|---|---|---|---|
| 6331- Engineering Tech | 2010 | 32 | 12 | 37.5% | 13 | 40.6% |
| | 2011 | 22 | 6 | 27.3% | 7 | 31.8% |
| | 2012 | 29 | 7 | 24.1% | 7 | 24.1% |
| 6332- Engineering Tech- IT | 2010 | 57 | 26 | 45.6% | 30 | 52.6% |
| | 2011 | 43 | 16 | 37.2% | 21 | 48.8% |
| | 2012 | 33 | 3 | 9.1% | 3 | 9.1% |
| 6333- Engineering Tech- EE | 2010 | 13 | 5 | 38.5% | 5 | 38.5% |
| | 2011 | 12 | 4 | 33.3% | 4 | 33.3% |
| | 2012 | 4 | 1 | 25.0% | 1 | 25.0% |

**Less than College average (150%- 44.8%, 200%- 49.23%)**
Fall terms include prior Summer term enrollment in major.
Graduation within 200% time includes graduates within 150% time.

Source: IR Program Assessment Data

# Retention Rates

| Program and Cohort Year | | Registered | Exclusions | Adjusted Cohort | Retained by DSC | | Retained by Program | | DSC Total Retained |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | N | % | N | % | |
| 6331 BS-Engr Tech | 2011 | 72 | 11 | 61 | 5 | 8.20% | 37 | 60.66% | 68.85% |
| | 2012 | 86 | 23 | 63 | | | 39 | 61.90% | 61.90% |
| | 2013 | 90 | 7 | 84 | 3 | 3.57% | 55 | 65.48% | 69.05% |
| 6333 BS-Engr Tech - EE | 2011 | 31 | 4 | 30 | 1 | 3.33% | 14 | 56.67% | 60.00% |
| | 2012 | 29 | 6 | 23 | 1 | 4.35% | 15 | 65.22% | 69.57% |
| | 2013 | 47 | 9 | 40 | 4 | 10.00% | 18 | 45.00% | 55.00% |
| 6334 - BS Info Tech - BSIT | 2011 | 123 | 18 | 122 | 1 | 0.82% | 81 | 76.23% | 77.05% |
| | 2012 | 169 | 30 | 147 | 6 | 4.08% | 82 | 56.46% | 60.54% |
| | 2013 | 166 | 15 | 158 | 56 | 35.44% | 38 | 24.05% | 59.49% |

**Less than College average (FT- 60.48%, PT- 52.08%)**

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

# Average Class Size by Course (1 of 2)

| Major and Associated Courses | | 2012-2013 | | 2013-2014 | | 2014-2015 | |
|---|---|---|---|---|---|---|---|
| | | Sections | Avg. Size | Sections | Avg. Size | Sections | Avg. Size |
| 6331 - Engineering Tech | CET3906 | 1 | 3 | 1 | 2 | 2 | 6 |
| | CIS4510 | | | | | 1 | 11 |
| | EET3085 | 3 | 10 | 2 | 17 | 2 | 10 |
| | EET3086 | 4 | 20 | 3 | 31 | 3 | 34 |
| | EGN3311 | 1 | 9 | 1 | 10 | 1 | 15 |
| | EGN3343 | 2 | 8 | | | | |
| | ETI3671/ EGN3613 | 4 | 19 | 2 | 14 | 2 | 16 |
| | ETC4241 | 1 | 6 | 1 | 11 | 1 | 9 |
| | ETG3533 | 1 | 8 | | | 1 | 15 |
| | ETG3541 | 2 | 21 | 2 | 18 | 1 | 23 |
| | ETG3907 | 1 | 1 | 1 | 1 | 1 | 2 |
| | ETG4950 | 3 | 14 | 2 | 16 | 2 | 14 |
| | ETI3116 | 3 | 16 | 2 | 29 | 2 | 18 |
| | ETI3421 | 2 | 16 | 2 | 17 | 1 | 12 |
| | ETI4186 | | | | | 1 | 16 |
| | ETI4448 | 3 | 13 | 2 | 20 | 2 | 17 |
| | ETI4640 | 2 | 8 | 1 | 13 | 1 | 15 |
| | ETI4704 | 1 | 25 | 1 | 19 | 1 | 22 |
| | ETM4220 | 4 | 8 | 2 | 17 | 1 | 15 |
| | ETM4331 | 1 | 13 | 1 | 14 | 1 | 18 |
| | ETS4502 | 1 | 22 | 1 | 9 | 1 | 19 |
| | MAP3401 | 2 | 14 | 1 | 36 | 1 | 27 |
| | Major | 42 | 13 | 28 | 18 | 29 | 17 |

*ETI4205 – Applied Logistics was under Program code 2067 from CC2011-CC2014*

To prevent data from skewing, the following instructional methods are excluded: Labs associated with lectures, Private/Performance, Clinicals, Co-op, DIS, Field trips and Internships.

Source: IR Program Assessment Data

# Average Class Size by Course (2 of 2)

| Major and Associated Courses | | 2012-2013 | | 2013-2014 | | 2014-2015 | |
|---|---|---|---|---|---|---|---|
| | | Sections | Avg. Size | Sections | Avg. Size | Sections | Avg. Size |
| 6332/6334 Engineering Tech- IT | CET3010 | 4 | 21 | 3 | 30 | 3 | 31 |
| | CET3116 | 4 | 21 | 4 | 18 | 3 | 33 |
| | CET3383 | 2 | 27 | 2 | 28 | 1 | 42 |
| | CET3679 | 2 | 23 | 3 | 17 | 2 | 27 |
| | CET4333 | 1 | 40 | 2 | 22 | 2 | 24 |
| | CET4483 | 2 | 24 | 2 | 29 | 2 | 25 |
| | CET4505 | 2 | 27 | 2 | 26 | 2 | 24 |
| | CET4663 | 1 | 34 | 2 | 22 | 2 | 31 |
| | CET4748 | 1 | 34 | 1 | 35 | 2 | 21 |
| | CET4860 | 1 | 21 | 2 | 7 | 2 | 16 |
| | CET4861 | 1 | 17 | 1 | 8 | 1 | 12 |
| | CET4862 | 1 | 18 | 2 | 9 | 1 | 12 |
| | CET4884 | 1 | 11 | 2 | 7 | 2 | 17 |
| | CET4885 | 1 | 20 | *No more offering* | | | |
| | COP4708 | 3 | 17 | 3 | 22 | 3 | 23 |
| | COP4709 | 1 | 19 | 1 | 19 | 1 | 16 |
| | COP4813 | 1 | 35 | 1 | 34 | 1 | 73 |
| | COP4834 | 1 | 8 | 2 | 9 | 1 | 18 |
| | COT3100 | | | 2 | 24 | 2 | 38 |
| | CTS3348 | 3 | 20 | 3 | 27 | 2 | 46 |
| | Major | 33 | 22 | 40 | 20 | 35 | 28 |
| 6333 – Engineering Tech - EE | CET3198 | 1 | 11 | 1 | 10 | 1 | 11 |
| | CET4138 | 1 | 3 | 1 | 1 | 1 | 2 |
| | EET3716 | 1 | 10 | 1 | 5 | 2 | 8 |
| | EET4158 | 1 | 8 | 1 | 6 | 1 | 12 |
| | EET4732 | 1 | 9 | 1 | 5 | 1 | 13 |
| | EST3543 | 1 | 11 | *New course prefix and number* | | | |
| | ETP4240 | 1 | 7 | 1 | 7 | 2 | 7 |
| | ETS3543 | 2 | 32 | 4 | 16 | 3 | 22 |
| | Major | 9 | 14 | 10 | 10 | 11 | 12 |
| Department | | 86 | 17 | 79 | 18 | 75 | 21 |

To prevent data from skewing, the following instructional methods are excluded: Labs associated with lectures, Private/Performance, Clinicals, Co-op, DIS, Field trips and Internships.

Source: IR Program Assessment Data

# Course Success Rates (1 of 2)

| Major | Course | 2012-2013 | | 2013-2014 | | 2014-2015 | |
|---|---|---|---|---|---|---|---|
| | | Attempted | % Successful | Attempted | % Successful | Attempted | % Successful |
| 6331- BS Engineering Technology | CET3906 | 10 | 100% | 5 | 100% | 11 | 82% |
| | CIS4510 | | | | | 11 | 91% |
| | EET3085 | 30 | 57% | 34 | 79% | 21 | 71% |
| | EET3086 | 78 | 69% | 94 | 67% | 103 | 74% |
| | EGN3311 | 9 | 100% | 10 | 90% | 15 | 67% |
| | EGN3343 | 16 | 94% | | | | |
| | ETI3671/ EGN3613 | 76 | 71% | 27 | 78% | 32 | 91% |
| | ETC4241 | 6 | 100% | 11 | 100% | 9 | 89% |
| | ETG3533 | 8 | 100% | | | 15 | 93% |
| | ETG3541 | 41 | 85% | 35 | 83% | 23 | 83% |
| | ETG3907 | 1 | 100% | 1 | 100% | 2 | 100% |
| | ETG4950 | 42 | 95% | 31 | 90% | 28 | 96% |
| | ETI3116 | 48 | 83% | 58 | 78% | 36 | 75% |
| | ETI3421 | 32 | 81% | 34 | 88% | 12 | 83% |
| | ETI4186 | | | | | 16 | 100% |
| | ETI4205 | 15 | 100% | 11 | 100% | | |
| | ETI4448 | 40 | 93% | 40 | 80% | 33 | 85% |
| | ETI4640 | 15 | 100% | 13 | 92% | 15 | 87% |
| | ETI4704 | 25 | 100% | 19 | 100% | 22 | 100% |
| | ETM4220 | 30 | 93% | 33 | 97% | 15 | 93% |
| | ETM4331 | 13 | 92% | 14 | 86% | 18 | 83% |
| | ETS4502 | 22 | 95% | 9 | 89% | 19 | 100% |
| | MAP3401 | 27 | 93% | 36 | 81% | 27 | 74% |
| | Major | 584 | 84% | 515 | 82% | 483 | 83% |

Indicates more than 5% decrease from prior year.

Source: IR Program Assessment Data

# Course Success Rates (2 of 2)

| Major | Course | 2012-2013 | | 2013-2014 | | 2014-2015 | |
|---|---|---|---|---|---|---|---|
| | | Attempted | % Successful | Attempted | % Successful | Attempted | % Successful |
| 6332/6334- BS Information Technology | CET3010 | 82 | 91% | 90 | 82% | 93 | 84% |
| | CET3116 | 82 | 70% | 70 | 69% | 98 | 67% |
| | CET3383 | 53 | 92% | 56 | 79% | 42 | 90% |
| | CET3679 | 45 | 98% | 52 | 98% | 54 | 93% |
| | CET4333 | 40 | 90% | 44 | 73% | 48 | 92% |
| | CET4483 | 48 | 81% | 58 | 67% | 50 | 68% |
| | CET4505 | 53 | 96% | 51 | 88% | 47 | 91% |
| | CET4663 | 34 | 79% | 44 | 66% | 62 | 60% |
| | CET4748 | 34 | 100% | 35 | 100% | 41 | 98% |
| | CET4860 | 21 | 90% | 13 | 92% | 32 | 84% |
| | CET4861 | 17 | 94% | 8 | 88% | 12 | 92% |
| | CET4862 | 18 | 78% | 17 | 88% | 12 | 75% |
| | CET4884 | 11 | 91% | 14 | 93% | 33 | 94% |
| | CET4885 | 20 | 100% | *No more offering* | | | |
| | COP4708 | 51 | 92% | 67 | 97% | 70 | 91% |
| | COP4709 | 19 | 89% | 19 | 79% | 16 | 56% |
| | COP4813 | 35 | 86% | 34 | 62% | 73 | 77% |
| | COP4834 | 8 | 75% | 17 | 76% | 18 | 67% |
| | COT3100 | | | 47 | 89% | 76 | 84% |
| | CTS3348 | 59 | 81% | 81 | 75% | 91 | 75% |
| | Major | 730 | 88% | 817 | 81% | 968 | 81% |
| 6333- BS Engineering Technology - EE | CET3198 | 11 | 82% | 11 | 82% | 11 | 73% |
| | CET4138 | 3 | 100% | 1 | 100% | 2 | 100% |
| | EET3716 | 10 | 100% | 5 | 80% | 15 | 93% |
| | EET4158 | 8 | 100% | 6 | 100% | 12 | 100% |
| | EET4732 | 9 | 100% | 5 | 100% | 13 | 100% |
| | EST3543 | 11 | 82% | | | | |
| | ETP4240 | 7 | 100% | 7 | 100% | 14 | 93% |
| | ETS3543 | 64 | 81% | 65 | 71% | 67 | 64% |
| | Major | 123 | 87% | 100 | 78% | 134 | 78% |
| Department | | 1,437 | 86% | 1,432 | 81% | 1,585 | 81% |

Indicates more than 5% decrease from prior year.

Source: IR Program Assessment Data

# Course Success Rates by Instructional Method – Multiple Methods Only (1 of 2)

| Major, Associated Courses and Instructional Method | | | 2012-2013 | | 2013-2014 | | 2014-2015 | |
|---|---|---|---|---|---|---|---|---|
| | | | Attempted | % Successful | Attempted | % Successful | Attempted | % Successful |
| 6331 - BS Engineering Technology | CET3906 | DIS | 7 | 100% | 3 | 100% | | |
| | | Online | 3 | 100% | 2 | 100% | 11 | 82% |
| | | Course | 10 | 100% | 5 | 100% | 11 | 82% |
| | EET3085 | Lab | | | 1 | 100% | 1 | 100% |
| | | Online | 30 | 57% | 33 | 79% | 20 | 70% |
| | | Course | 30 | 57% | 34 | 79% | 21 | 71% |
| | EET3085L | Lab | 29 | 66% | 34 | 82% | 21 | 90% |
| | | Lecture | 1 | 0% | | | | |
| | | Course | 30 | 63% | 34 | 82% | 21 | 90% |
| | EET3086 | Lecture | 1 | 100% | | | | |
| | | Online | 77 | 69% | 94 | 67% | 103 | 74% |
| | | Course | 78 | 69% | 94 | 67% | 103 | 74% |
| | EGN3343 | Lecture | 1 | 100% | | | | |
| | | Online | 15 | 93% | | | | |
| | | Course | 16 | 94% | | | | |
| | ETC4241L | Lab | 6 | 100% | 11 | 100% | | |
| | | Online | | | | | 9 | 89% |
| | | Course | 6 | 100% | 11 | 100% | 9 | 89% |
| | ETG3533L | Lab | 8 | 100% | | | | |
| | | Online | | | | | 15 | 100% |
| | | Course | 8 | 100% | | | 15 | 100% |
| | ETG4950 | Lecture | 1 | 100% | | | | |
| | | Online | 41 | 95% | 31 | 90% | 28 | 96% |
| | | Course | 42 | 95% | 31 | 90% | 28 | 96% |
| | ETG4950L | Lab | 15 | 93% | 11 | 91% | 12 | 100% |
| | | Online | 27 | 96% | 20 | 90% | 16 | 94% |
| | | Course | 42 | 95% | 31 | 90% | 28 | 96% |
| | ETI3671 | Lecture | 1 | 100% | *New course prefix and number* | | | |
| | | Online | 75 | 71% | | | | |
| | | Course | 76 | 71% | | | | |
| | ETI4448 | Lecture | 1 | 100% | | | | |
| | | Online | 39 | 92% | 40 | 80% | 33 | 85% |
| | | Course | 40 | 93% | 40 | 80% | 33 | 85% |

**Indicates more than 5% decrease from prior year.**

*ETI4205 – Applied Logistics was under Program code 2067 from CC2011-CC2014*

Source: IR Program Assessment Data

# Course Success Rates by Instructional Method – Multiple Methods Only (2 of 2)

| Major, Associated Courses and Instructional Method | | | 2012-2013 | | 2013-2014 | | 2014-2015 | |
|---|---|---|---|---|---|---|---|---|
| | | | Attempted | % Successful | Attempted | % Successful | Attempted | % Successful |
| 6331 - BS Engineering Technology | ETI4640 | Lecture | 1 | 100% | | | | |
| | | Online | 14 | 100% | 13 | 92% | 15 | 87% |
| | | Course | 15 | 100% | 13 | 92% | 15 | 87% |
| | ETM4220 | Lecture | 1 | 100% | | | | |
| | | Online | 29 | 93% | 33 | 97% | 15 | 93% |
| | | Course | 30 | 93% | 33 | 97% | 15 | 93% |
| | MAP3401 | Lecture | 1 | 100% | | | | |
| | | Online | 26 | 92% | 36 | 81% | 27 | 74% |
| | | Course | 27 | 93% | 36 | 81% | 27 | 74% |
| 6332 - BS Information Technology | CET3010 | Lecture | 1 | 100% | | | | |
| | | Online | 81 | 91% | 90 | 82% | 93 | 84% |
| | | Course | 82 | 91% | 90 | 82% | 93 | 84% |
| | CET3116 | Lecture | 1 | 0% | 1 | 100% | | |
| | | Online | 81 | 70% | 69 | 68% | 98 | 67% |
| | | Course | 82 | 70% | 70 | 69% | 98 | 67% |
| | CET3679 | Lecture | | | 1 | 100% | | |
| | | Online | 45 | 98% | 51 | 98% | 54 | 93% |
| | | Course | 45 | 98% | 52 | 98% | 54 | 93% |
| | COT3100 | Lecture | | | | | 1 | 100% |
| | | Online | | | 47 | 89% | 75 | 84% |
| | | Course | | | 47 | 89% | 76 | 84% |
| 6333 - BS Engineering Technology - EE | CET3198 | DIS | | | 1 | 100% | | |
| | | Online | 11 | 82% | 10 | 80% | 11 | 73% |
| | | Course | 11 | 82% | 11 | 82% | 11 | 73% |
| | CET3198L | DIS | | | 1 | 100% | | |
| | | Lab | 11 | 82% | 10 | 80% | 11 | 73% |
| | | Course | 11 | 82% | 11 | 82% | 11 | 73% |
| | EST3543L | Lab | 3 | 67% | | | | |
| | | Online | 8 | 88% | | | | |
| | | Course | 11 | 82% | | | | |
| | ETS3543 | Lecture | | | 1 | 100% | | |
| | | Online | 64 | 81% | 64 | 70% | 67 | 64% |
| | | Course | 64 | 81% | 65 | 71% | 67 | 64% |
| | ETS3543L | Lab | 27 | 74% | 19 | 74% | 18 | 72% |
| | | Online | 37 | 86% | 46 | 70% | 49 | 61% |
| | | Course | 64 | 81% | 65 | 71% | 67 | 64% |

Indicates more than 5% decrease from prior year.

Source: IR Program Assessment Data

# Course Success Rates by Multiple Session/Sub-session Only (1 of 5)

| Major, Associated Courses and Sub-session | | | | 2012-2013 | | 2013-2014 | | 2014-2015 | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | Attempted | % Successful | Attempted | % Successful | Attempted | % Successful |
| 6331 - BS Engineering Technology | CET3906 | FA | B term | 1 | 100% | | | | |
| | | | Full term | 2 | 100% | 2 | 100% | 9 | 78% |
| | | | Session | 3 | 100% | 2 | 100% | 9 | 78% |
| | | SP | Full term | 3 | 100% | 2 | 100% | | |
| | | SU | Full term | 4 | 100% | 1 | 100% | 2 | 100% |
| | | Course | | 10 | 100% | 5 | 100% | 11 | 82% |
| | EET3085 | FA | Full term | 15 | 47% | 22 | 68% | 10 | 100% |
| | | SP | Full term | 13 | 62% | 12 | 100% | 11 | 45% |
| | | SU | Full term | 2 | 100% | | | | |
| | | Course | | 30 | 57% | 34 | 79% | 21 | 71% |
| | EET3085L | FA | Full term | 15 | 60% | 22 | 82% | 10 | 100% |
| | | SP | Full term | 13 | 62% | 12 | 83% | 11 | 82% |
| | | | Session | 13 | 62% | 12 | 83% | 11 | 82% |
| | | SU | Full term | 2 | 100% | | | | |
| | | Course | | 30 | 63% | 34 | 82% | 21 | 90% |
| | EET3086 | FA | Full term | 40 | 70% | 32 | 69% | 42 | 74% |
| | | SP | Full term | 23 | 61% | 27 | 67% | 34 | 71% |
| | | SU | Full term | 15 | 80% | 35 | 66% | 27 | 78% |
| | | Course | | 78 | 69% | 94 | 67% | 103 | 74% |
| | EGN3613 | FA | Full term | | | 13 | 85% | | |
| | | SP | Full term | | | 14 | 71% | 22 | 86% |
| | | SU | Full term | | | | | 10 | 100% |
| | | Course | | | | 27 | 78% | 32 | 91% |
| | ETG3541 | SP | Full term | 22 | 77% | 22 | 82% | 23 | 83% |
| | | SU | Full term | 19 | 95% | 13 | 85% | | |
| | | Course | | 41 | 85% | 35 | 83% | 23 | 83% |
| | ETG3907 | SP | B term | | | | | 2 | 100% |
| | | | Full term | 1 | 100% | 1 | 100% | | |
| | | Course | | 1 | 100% | 1 | 100% | 2 | 100% |

Indicates more than 5% difference between sessions or sub-sessions.

Source: IR Program Assessment Data

# Course Success Rates by Multiple Session/Sub-session Only (2 of 5)

| Major or Dept., Associated Courses and Sub-session | | | | 2012-2013 | | 2013-2014 | | 2014-2015 | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | Attempted | % Successful | Attempted | % Successful | Attempted | % Successful |
| 6331 - BS Engineering Technology | ETG4950 | FA | Full term | 15 | 93% | 11 | 91% | 12 | 100% |
| | | SP | Full term | 27 | 96% | 20 | 90% | 16 | 94% |
| | | | Course | 42 | 95% | 31 | 90% | 28 | 96% |
| | ETG4950L | FA | Full term | 15 | 93% | 11 | 91% | 12 | 100% |
| | | SP | Full term | 27 | 96% | 20 | 90% | 16 | 94% |
| | | | Course | 42 | 95% | 31 | 90% | 28 | 96% |
| | ETI3116 | FA | Full term | 20 | 80% | 24 | 79% | 19 | 68% |
| | | SP | Full term | 17 | 88% | 34 | 76% | 17 | 82% |
| | | SU | Full term | 11 | 82% | | | | |
| | | | Course | 48 | 83% | 58 | 78% | 36 | 75% |
| | ETI3421 | FA | Full term | 15 | 87% | 17 | 76% | 12 | 83% |
| | | SP | Full term | 17 | 76% | 17 | 100% | | |
| | | | Course | 32 | 81% | 34 | 88% | 12 | 83% |
| | ETI3671 | FA | Full term | 34 | 82% | *New course prefix and number* | | | |
| | | SP | Full term | 26 | 62% | | | | |
| | | SU | Full term | 16 | 63% | | | | |
| | | | Course | 76 | 71% | | | | |
| | ETI4448 | FA | Full term | 25 | 96% | 23 | 83% | 22 | 77% |
| | | SP | Full term | 15 | 87% | 17 | 76% | 11 | 100% |
| | | | Course | 40 | 93% | 40 | 80% | 33 | 85% |
| | ETM4220 | FA | Full term | 8 | 88% | 18 | 94% | | |
| | | SP | Full term | 10 | 90% | 15 | 100% | 15 | 93% |
| | | SU | Full term | 12 | 100% | | | | |
| | | | Course | 30 | 93% | 33 | 97% | 15 | 93% |
| | MAP3401 | FA | Full term | 27 | 93% | | | | |
| | | SP | Full term | | | 36 | 81% | 27 | 74% |
| | | | Course | 27 | 93% | 36 | 81% | 27 | 74% |

*ETI4205 – Applied Logistics was under Program code 2067 from CC2011-CC2014*

Indicates more than 5% difference between sessions or sub-sessions.

Source: IR Program Assessment Data

# Course Success Rates by Multiple Session/Sub-session Only (3 of 5)

| Major, Associated Courses and Sub-session | | | | 2012-2013 | | 2013-2014 | | 2014-2015 | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | Attempted | % Successful | Attempted | % Successful | Attempted | % Successful |
| 6332 - BS Information Technology | CET3010 | FA | Full term | 27 | 78% | 34 | 74% | 35 | 83% |
| | | SP | Full term | 32 | 100% | 26 | 85% | 31 | 81% |
| | | SU | Full term | 23 | 96% | 30 | 90% | 27 | 89% |
| | | | Course | 82 | 91% | 90 | 82% | 93 | 84% |
| | CET3116 | FA | Full term | 33 | 79% | 28 | 54% | 32 | 59% |
| | | SP | Full term | 31 | 58% | 28 | 79% | 36 | 69% |
| | | SU | Full term | 18 | 72% | 14 | 79% | 30 | 73% |
| | | | Course | 82 | 70% | 70 | 69% | 98 | 67% |
| | CET3383 | FA | Full term | 27 | 96% | 29 | 79% | | |
| | | SP | Full term | 26 | 88% | 27 | 78% | 42 | 90% |
| | | | Course | 53 | 92% | 56 | 79% | 42 | 90% |
| | CET3679 | FA | Full term | 28 | 96% | 37 | 97% | 35 | 91% |
| | | SU | Full term | 17 | 100% | 15 | 100% | 19 | 95% |
| | | | Course | 45 | 98% | 52 | 98% | 54 | 93% |
| | CET4333 | FA | Full term | | | 25 | 72% | 22 | 95% |
| | | SP | Full term | 40 | 90% | 19 | 74% | 26 | 88% |
| | | | Course | 40 | 90% | 44 | 73% | 48 | 92% |
| | CET4483 | FA | Full term | 13 | 85% | 25 | 60% | 14 | 71% |
| | | SP | Full term | 35 | 80% | 33 | 73% | 36 | 67% |
| | | | Course | 48 | 81% | 58 | 67% | 50 | 68% |
| | CET4505 | FA | Full term | 29 | 97% | 26 | 88% | 30 | 97% |
| | | SP | Full term | 24 | 96% | 25 | 88% | 17 | 82% |
| | | | Course | 53 | 96% | 51 | 88% | 47 | 91% |
| | CET4663 | FA | Full term | | | 18 | 72% | 33 | 58% |
| | | SP | Full term | 34 | 79% | 26 | 62% | 29 | 62% |
| | | | Course | 34 | 79% | 44 | 66% | 62 | 60% |
| | CET4748 | FA | B term | | | | | 4 | 100% |
| | | SU | Full term | 34 | 100% | 35 | 100% | 37 | 97% |
| | | | Course | 34 | 100% | 35 | 100% | 41 | 98% |
| | CET4860 | FA | Full term | | | 6 | 100% | 14 | 79% |
| | | SP | Full term | 21 | 90% | 7 | 86% | 18 | 89% |
| | | | Course | 21 | 90% | 13 | 92% | 32 | 84% |
| | CET4861 | FA | Full term | 17 | 94% | 8 | 88% | | |
| | | SP | Full term | | | | | 12 | 92% |
| | | | Course | 17 | 94% | 8 | 88% | 12 | 92% |

Indicates more than 5% difference between sessions or sub-sessions.

Source: IR Program Assessment Data

# Course Success Rates by Multiple Session/Sub-session Only (4 of 5)

| Major, Associated Courses and Sub-session | | | | 2012-2013 | | 2013-2014 | | 2014-2015 | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | Attempted | % Successful | Attempted | % Successful | Attempted | % Successful |
| 6332 - BS Information Technology | CET4862 | FA | Full term | 18 | 78% | 8 | 88% | 12 | 75% |
| | | SP | Full term | | | 9 | 89% | | |
| | | | Course | 18 | 78% | 17 | 88% | 12 | 75% |
| | CET4884 | FA | Full term | | | 4 | 100% | | |
| | | SP | Full term | 11 | 91% | 10 | 90% | 13 | 85% |
| | | SU | Full term | | | | | 20 | 100% |
| | | | Course | 11 | 91% | 14 | 93% | 33 | 94% |
| | COP4708 | FA | Full term | 20 | 95% | 28 | 100% | 30 | 90% |
| | | SP | Full term | 19 | 84% | 21 | 90% | 24 | 88% |
| | | SU | Full term | 12 | 100% | 18 | 100% | 16 | 100% |
| | | | Course | 51 | 92% | 67 | 97% | 70 | 91% |
| | COP4834 | SP | Full term | | | 12 | 67% | 18 | 67% |
| | | SU | Full term | 8 | 75% | 5 | 100% | | |
| | | | Course | 8 | 75% | 17 | 76% | 18 | 67% |
| | COT3100 | FA | Full term | | | 1 | 100% | | |
| | | SP | Full term | | | 46 | 89% | 76 | 84% |
| | | | Course | | | 47 | 89% | 76 | 84% |
| | CTS3348 | FA | Full term | 25 | 76% | 31 | 71% | 40 | 70% |
| | | SP | Full term | 22 | 82% | 33 | 79% | 51 | 78% |
| | | SU | Full term | 12 | 92% | 17 | 76% | | |
| | | | Course | 59 | 81% | 81 | 75% | 91 | 75% |
| 6333 - BS Engineering Technology - EE | CET3198 | FA | Full term | 11 | 82% | 10 | 80% | 11 | 73% |
| | | SP | Full term | | | 1 | 100% | | |
| | | | Course | 11 | 82% | 11 | 82% | 11 | 73% |
| | CET3198L | FA | Full term | 11 | 82% | 10 | 80% | 11 | 73% |
| | | SP | Full term | | | 1 | 100% | | |
| | | | Course | 11 | 82% | 11 | 82% | 11 | 73% |
| | CET4138 | SP | Full term | | | 1 | 100% | 2 | 100% |
| | | SU | Full term | 3 | 100% | | | | |
| | | | Course | 3 | 100% | 1 | 100% | 2 | 100% |

Indicates more than 5% difference between sessions or sub-sessions.

Source: IR Program Assessment Data

# Course Success Rates by Multiple Session/Sub-session Only (5 of 5)

| Major, Associated Courses and Sub-session | | | | 2012-2013 | | 2013-2014 | | 2014-2015 | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | Attempted | % Successful | Attempted | % Successful | Attempted | % Successful |
| 6333 - BS Engineering Technology - EE | CET4138L | SP | Full term | | | 1 | 100% | 2 | 100% |
| | | SU | Full term | 3 | 100% | | | | |
| | | | Course | 3 | 100% | 1 | 100% | 2 | 100% |
| | EET3716 | FA | Full term | 10 | 100% | 5 | 80% | 14 | 93% |
| | | SP | Full term | | | | | 1 | 100% |
| | | | Course | 10 | 100% | 5 | 80% | 15 | 93% |
| | ETP4240 | FA | Full term | 7 | 100% | 7 | 100% | 11 | 91% |
| | | SP | Full term | | | | | 3 | 100% |
| | | | Course | 7 | 100% | 7 | 100% | 14 | 93% |
| | ETP4240L | FA | Full term | 7 | 100% | 7 | 100% | 11 | 91% |
| | | SP | Full term | | | | | 3 | 100% |
| | | | Course | 7 | 100% | 7 | 100% | 14 | 93% |
| | ETS3543 | FA | Full term | 36 | 83% | 25 | 76% | 25 | 60% |
| | | SP | Full term | 28 | 79% | 19 | 47% | 25 | 64% |
| | | SU | Full term | | | 21 | 86% | 17 | 71% |
| | | | Course | 64 | 81% | 65 | 71% | 67 | 64% |
| | ETS3543L | FA | Full term | 36 | 83% | 25 | 76% | 25 | 60% |
| | | SP | Full term | 28 | 79% | 19 | 47% | 25 | 64% |
| | | SU | Full term | | | 21 | 86% | 17 | 71% |
| | | | Course | 64 | 81% | 65 | 71% | 67 | 64% |

Indicates more than 5% difference between sessions or sub-sessions.

Source: IR Program Assessment Data

| Placement Rates | | | | | | | |
|---|---|---|---|---|---|---|---|
| Program Title | Cohort Year | Grads Reported | Continuing Education | Employed | | Estimated Average Annual Full-Time Wage | |
| | | | | DSC | FCS | DSC | FCS |
| BS Engineering Technology (ET) | 2012/13 | 65 | 11% | 52% | 52% | $ 45,092 | $ 45,092 |
| | 2011/12 | 17 | 12% | 59% | 59% | $**,*** | $**,*** |
| | 2010/11 | 2 | * | 50% | 50% | $**,*** | $**,*** |

**Notes:**

Graduates in cohort year are tracked in the following year and reported 1 year later.

All continuing education outcomes are based on enrollment data for the fall semester and preliminary winter/spring semester.

All employment outcomes are based on the October - December quarterly data each year.

Individuals are only counted in one educational sector.

Full quarter earnings displayed only when 10 or more graduates are employed full time/full quarter.

Source: IR Program Assessment Data

# Program Educational Objectives (PEO)

1. Career: Graduates will have a broad understanding of the key principles and practices of engineering technology, the written and oral communications skills, and the ability to work with others to apply these skills and knowledge to the design, implementation, and maintenance of systems.

2. Skills: Graduates will have an understanding of the mathematical and scientific concepts that underlie engineering technology applications, will apply this understanding, and acquire new skills and knowledge necessary to analyze technology problems and develop suitable solutions.

3. Professionalism and Ethics: Graduates will have an understanding of the ethical, human, and social issues of their field and will be involved members of the local and global communities acting as responsible technical professionals.

4. Life-Long Learning: Graduates will be active contributors to their profession with a strong commitment to continuous individual and organizational improvement, effective communication, teamwork, quality, and timeliness.

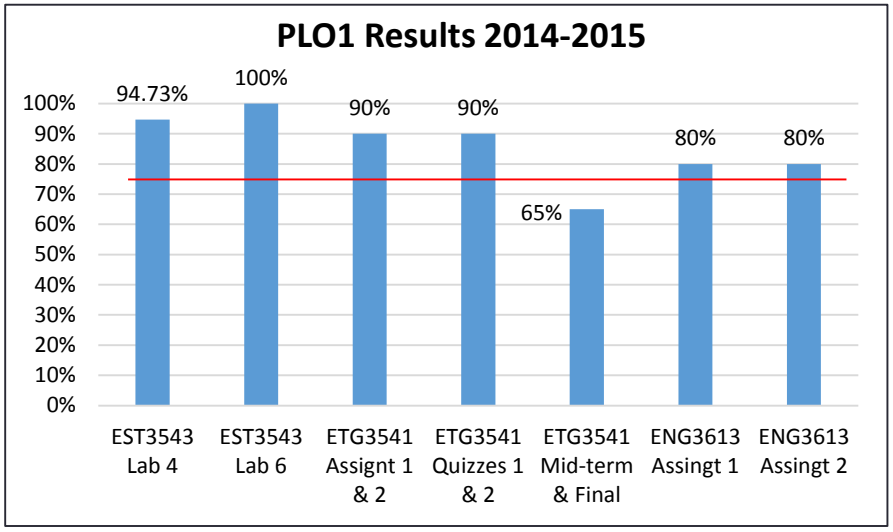
# Program Learning Outcomes

## BS Engineering Technology (BSET) # 6331
## BS Engineering Technology with Electrical Engineering Technology Concentration #6333

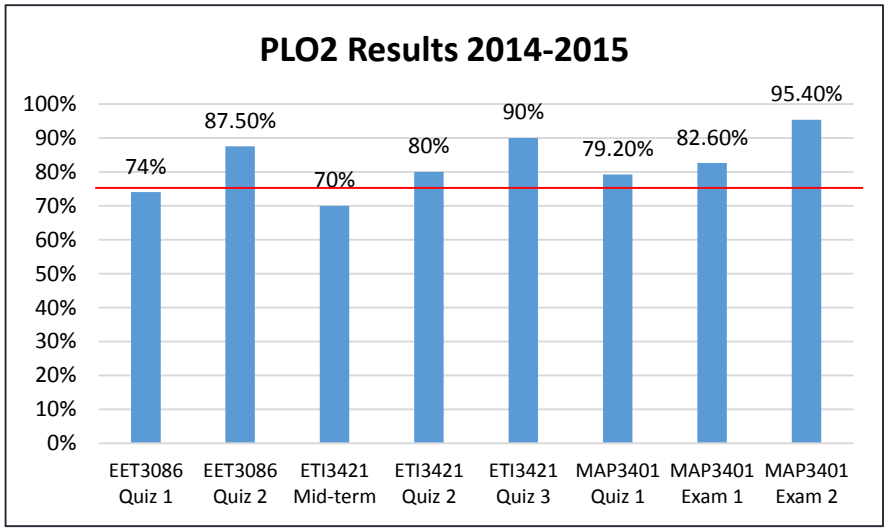
Graduates of the program will be able to:

1. Demonstrate an ability to select and apply the knowledge, techniques, skills, and modern tools of the discipline to broadly-defined engineering technology activities.
2. Demonstrate an ability to select and apply a knowledge of mathematics, science, engineering, and technology to engineering technology problems that require the application of principles and applied procedures or methodologies.
3. Demonstrate an ability to conduct standard tests and measurements; to conduct, analyze, and interpret experiments; and to apply experimental results to improve processes.
4. Demonstrate an ability to design systems, components, or processes for broadly-defined engineering technology problems appropriate to program educational objectives.
5. Demonstrate an ability to function effectively as a member or leader on a technical team.
6. Demonstrate an ability to identify, analyze, and solve broadly-defined engineering technology problems.
7. Demonstrate an ability to apply written, oral, and graphical communication in both technical and non-technical environments; and an ability to identify and use appropriate technical literature.
8. Demonstrate an understanding of the need for and an ability to engage in self-directed continuing professional development.
9. Demonstrate an understanding of and a commitment to address professional and ethical responsibilities including a respect for diversity.
10. Demonstrate a knowledge of the impact of engineering technology solutions in a societal and global context.
11. Display a commitment to quality, timeliness, and continuous improvement.

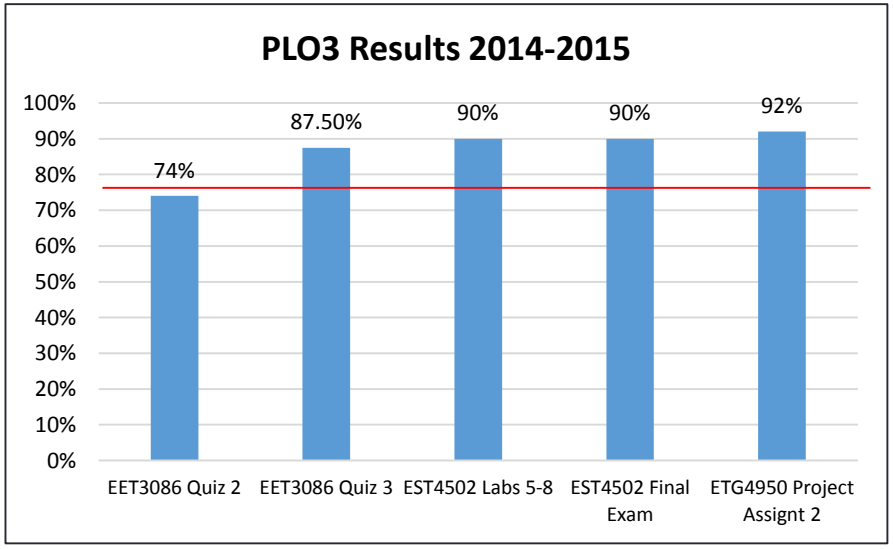
# Assessment Results 2014-2015



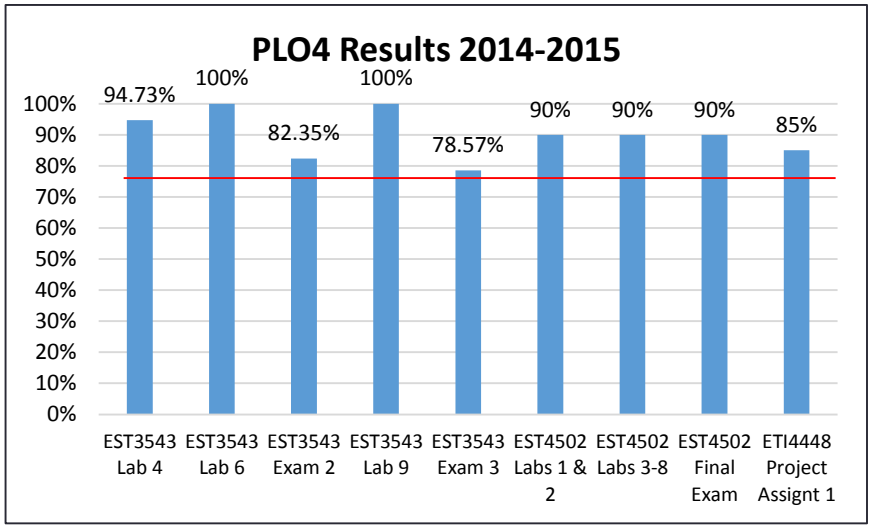

Demonstrate an ability to select and apply the knowledge, techniques, skills, and modern tools of the discipline to broadly-defined engineering technology activities




Demonstrate an ability to select and apply a knowledge of mathematics, science, engineering, and technology to engineering technology problems that require the application of principles and applied procedures or methodologies

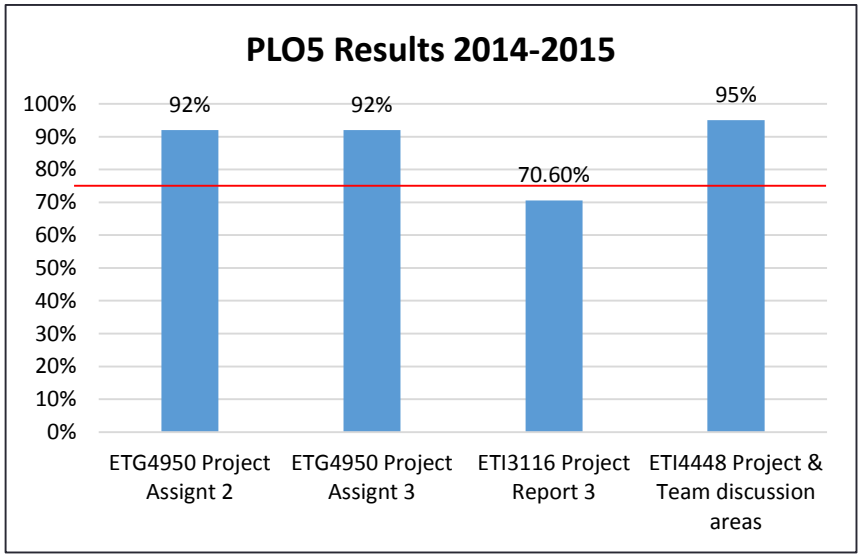



Demonstrate an ability to conduct standard tests and measurements; to conduct, analyze, and interpret experiments; and to apply experimental results to improve processes

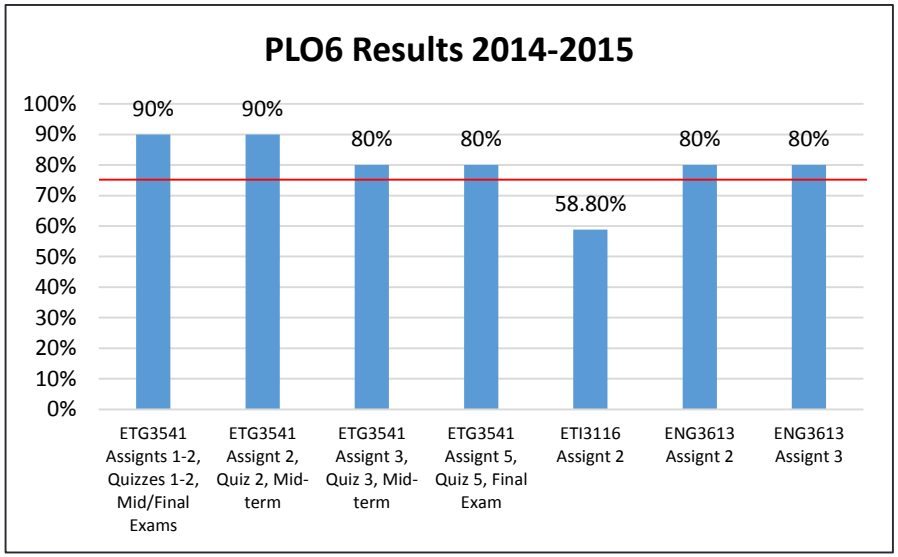



Demonstrate an ability to design systems, components, or processes for broadly-defined engineering technology problems appropriate to PEO

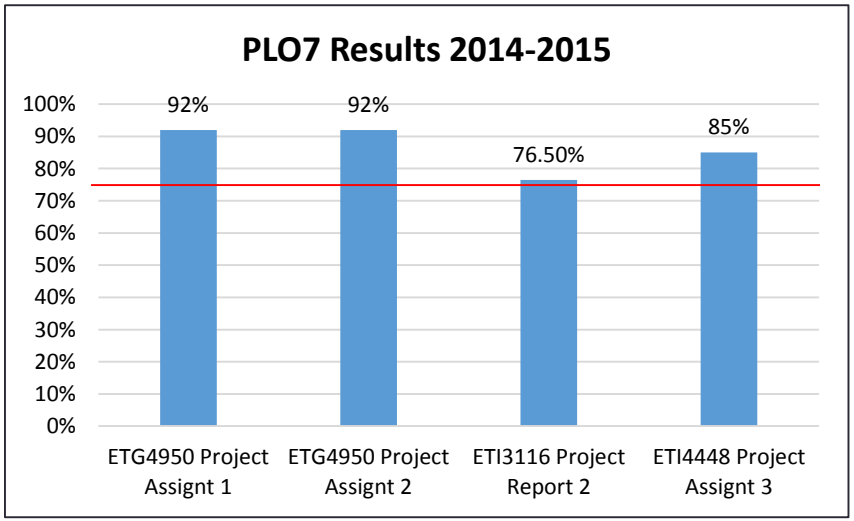
# Assessment Results 2014-2015



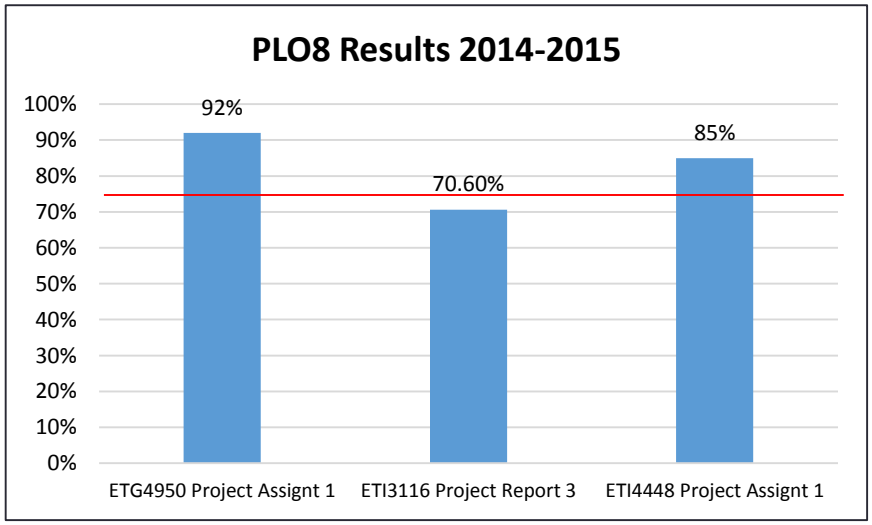

Demonstrate an ability to function effectively as a member or leader on a technical team




Demonstrate an ability to identify, analyze, and solve broadly-defined engineering technology problems

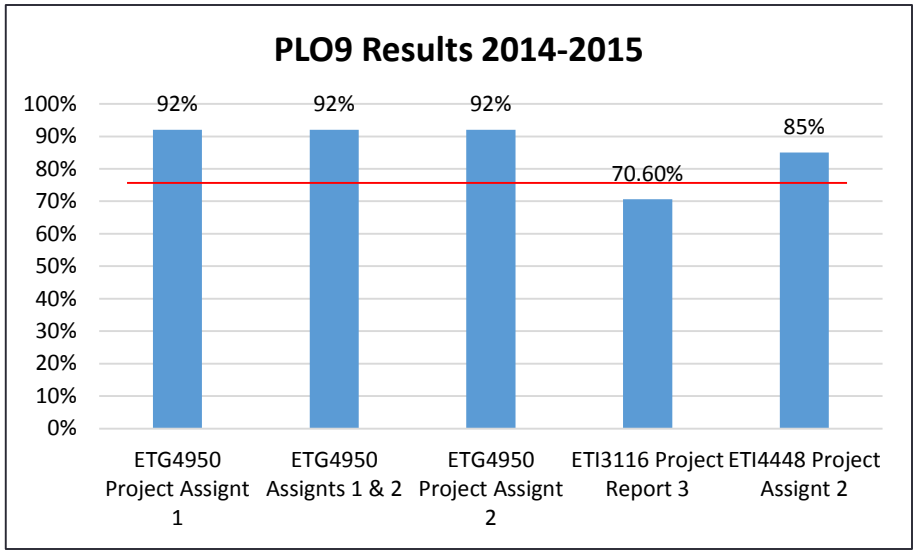



Demonstrate an ability to apply written, oral, and graphical communication in both technical and non-technical environments; and an ability to identify and use appropriate technical literature

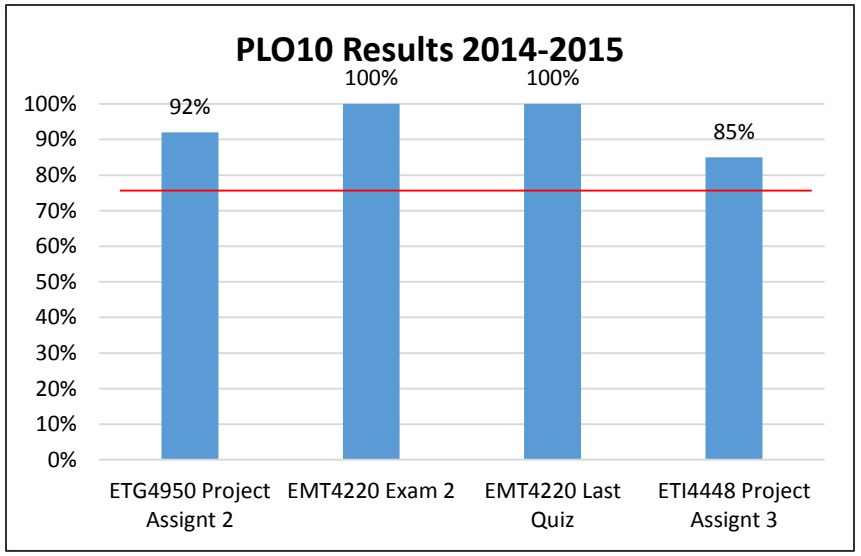



Demonstrate an understanding of the need for and an ability to engage in self-directed continuing professional development

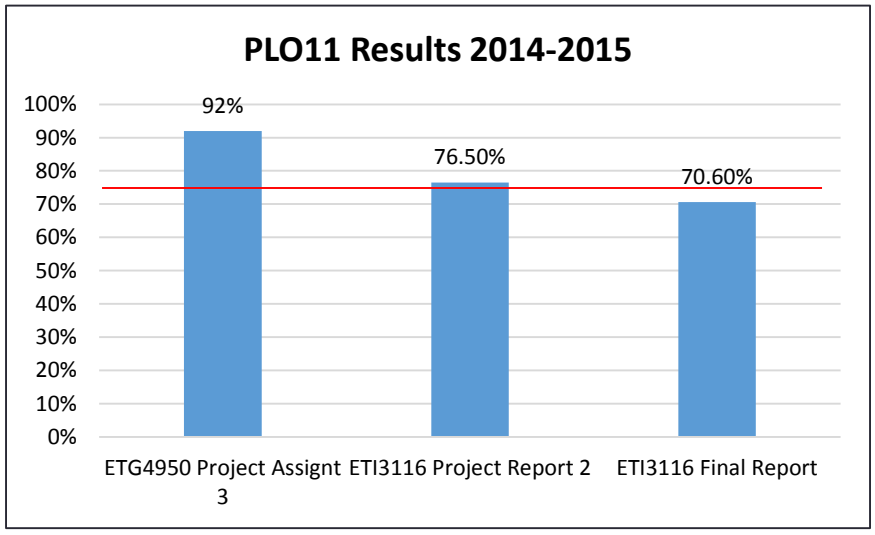
# Assessment Results 2014-2015




Demonstrate an understanding of and a commitment to address professional and ethical responsibilities including a respect for diversity




Demonstrate a knowledge of the impact of engineering technology solutions in a societal and global context




Display a commitment to quality, timeliness, and continuous improvement

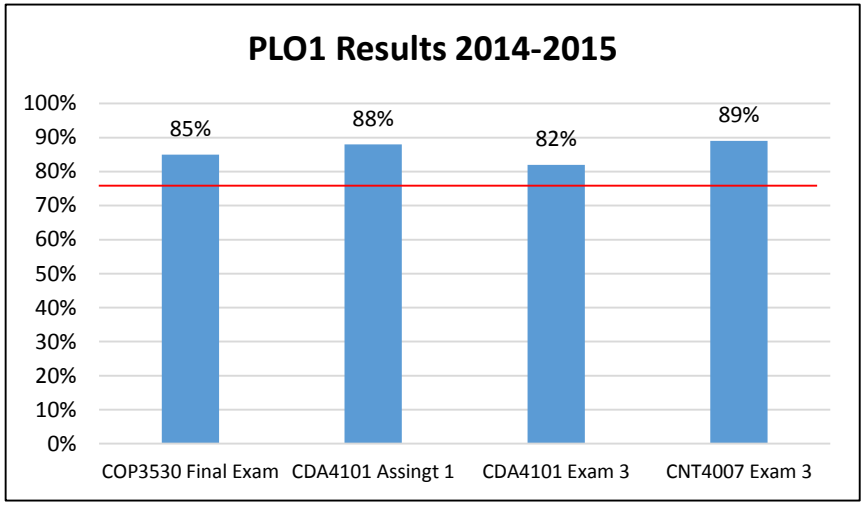
# Program Learning Outcomes

## Bachelor of Science in Information Technology (BSIT) - 6334

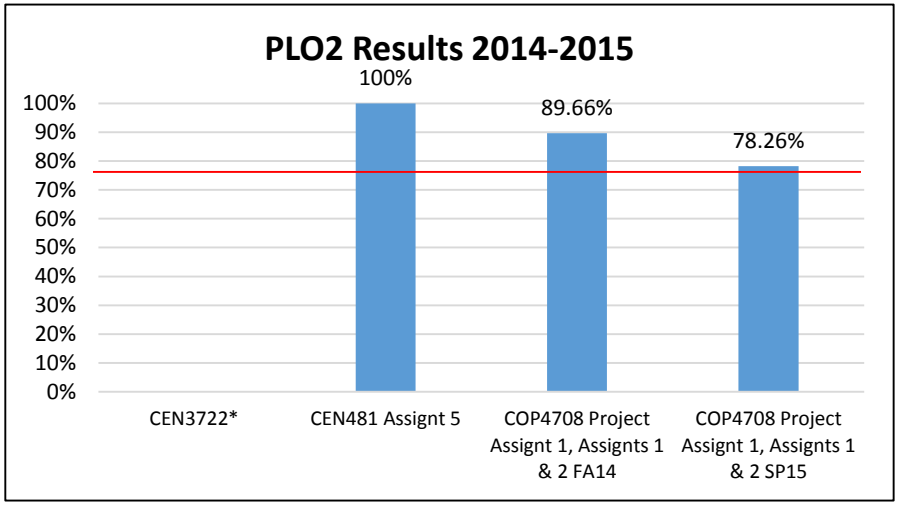
Graduates of the program will be able to:

1. Demonstrate an ability to apply knowledge of computing and mathematics appropriate to the discipline,
2. Demonstrate an ability to analyze a problem, and identify and define the computing requirements appropriate to its solution,
3. Demonstrate an ability to design, implement, and evaluate a computer-based system, process, component, or program to meet desired needs,
4. Demonstrate an ability to function effectively on teams to accomplish a common goal,
5. Demonstrate an understanding of professional, ethical, legal, security and social issues and responsibilities,
6. Demonstrate an ability to communicate effectively with a range of audiences,
7. Demonstrate an ability to analyze the local and global impact of computing on individuals, organizations, and society,
8. Recognize the need for and an ability to engage in continuing professional development,
9. Demonstrate an ability to use current techniques, skills, and tools necessary for computing practice,
10. Demonstrate an ability to use and apply current technical concepts and practices in the core information technologies,
11. Demonstrate an ability to identify and analyze user needs and take them into account in the selection, creation, evaluation and administration of computer-based systems,
12. Demonstrate an ability to effectively integrate IT-based solutions into the user environment,
13. Demonstrate an understanding of best practices and standards and their application,
14. Demonstrate an ability to assist in the creation of an effective project plan.

# Assessment Results 2014-2015

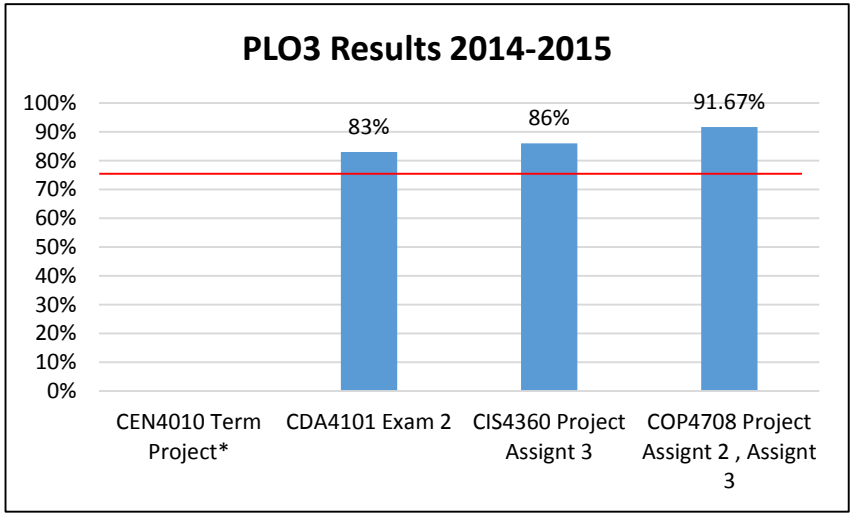



Demonstrate an ability to apply knowledge of computing and mathematics appropriate to the discipline

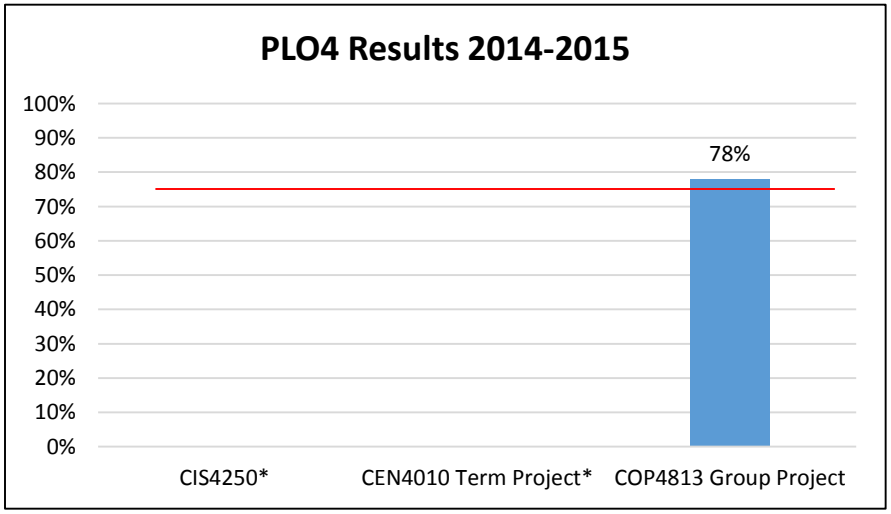



Demonstrate an ability to analyze a problem, and identify and define the computing requirements appropriate to its solution

**Course no offered in the assessment cycle*

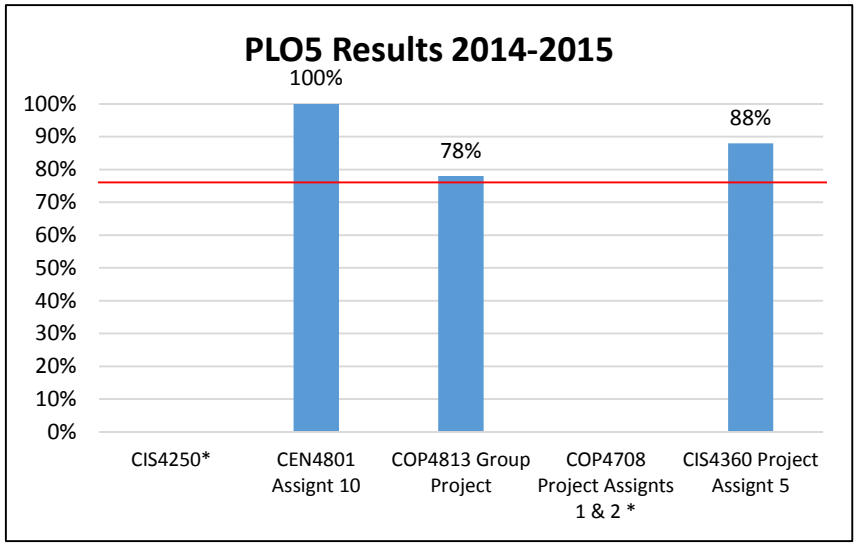



Demonstrate an ability to design, implement, and evaluate a computer-based system, process, component, or program to meet desired needs

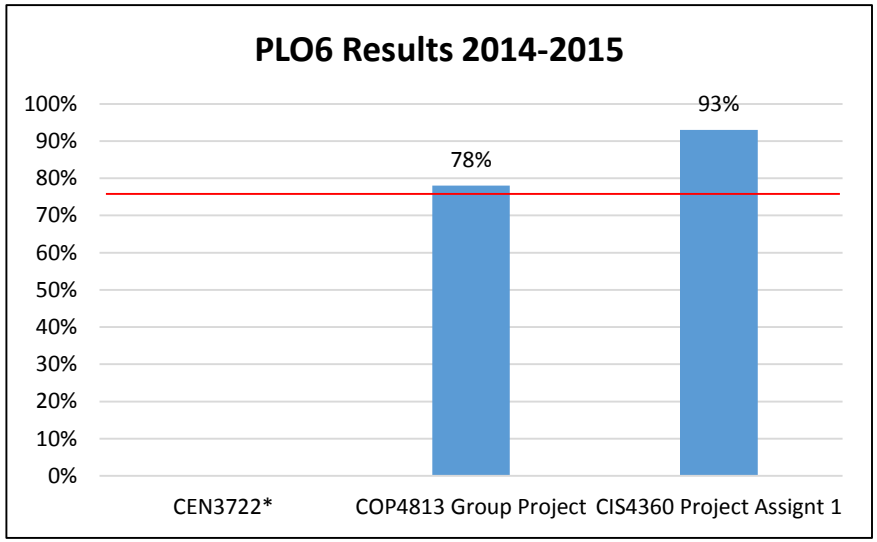



Demonstrate an ability to function effectively on teams to accomplish a common goal

# Assessment Results 2014-2015

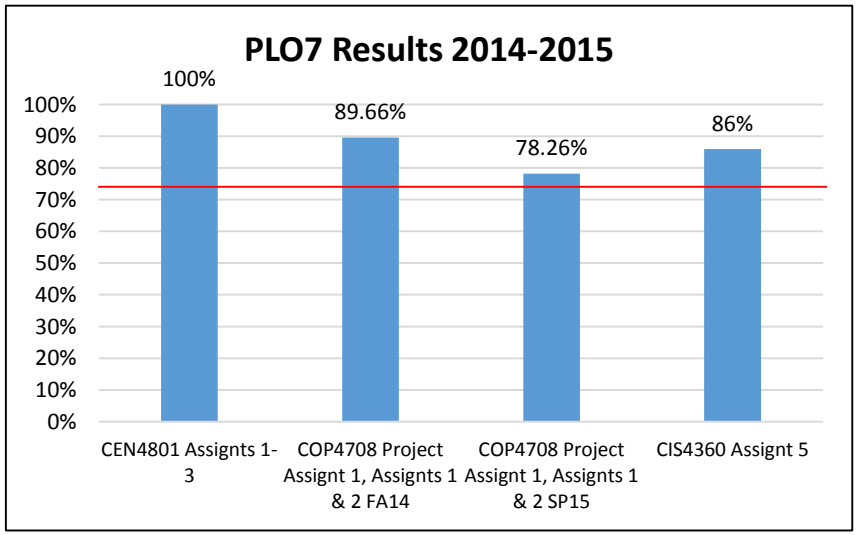



Demonstrate an understanding of professional, ethical, legal, security and social issues and responsibilities

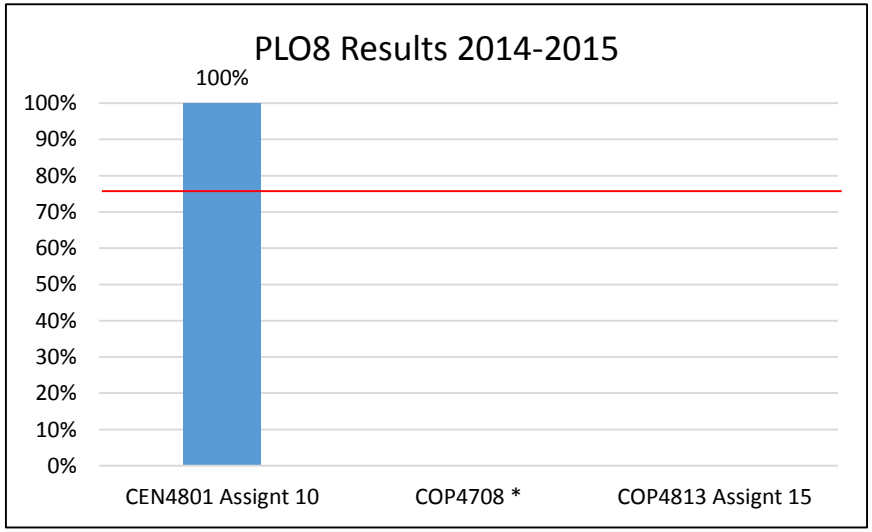



Demonstrate an ability to communicate effectively with a range of audiences

**Course no offered in the assessment cycle*

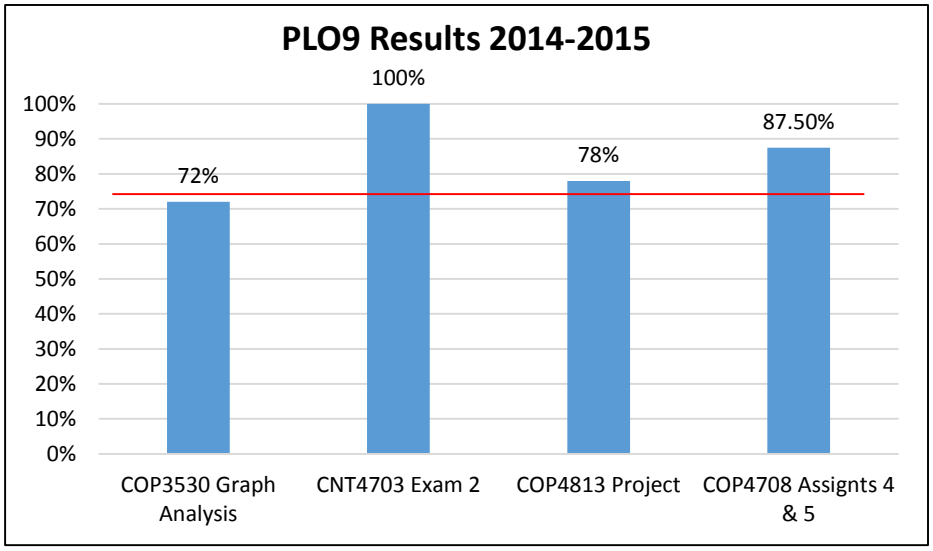



Demonstrate an ability to analyze the local and global impact of computing on individuals, organizations, and society

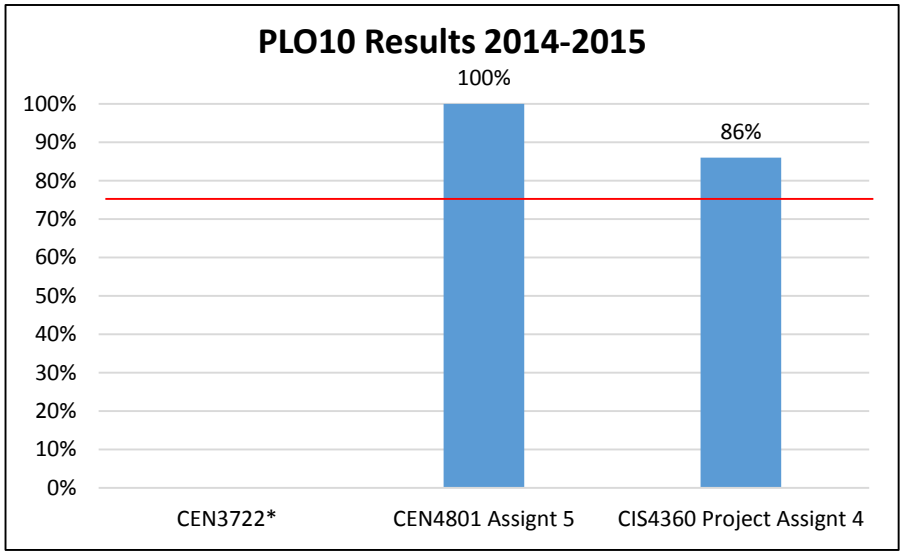



Recognize the need for and an ability to engage in continuing professional development

# Assessment Results 2014-2015

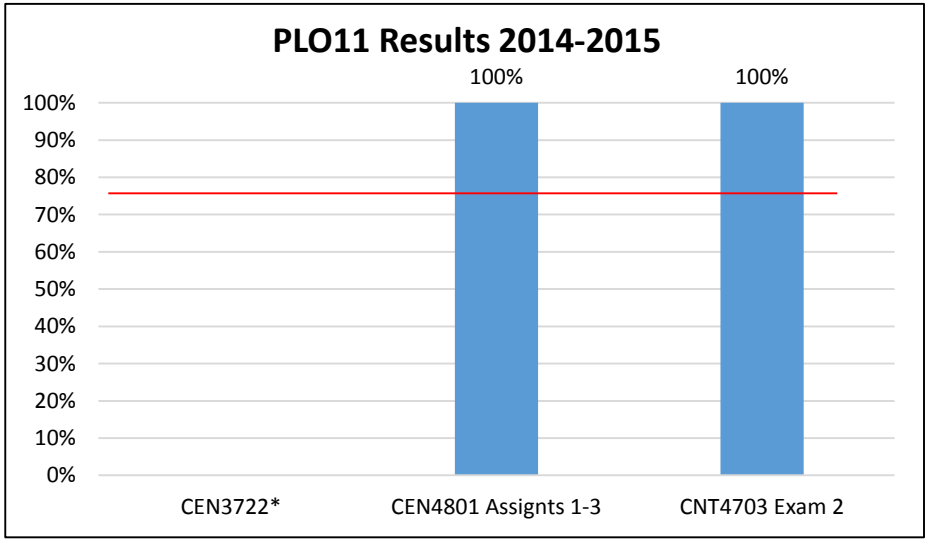



Demonstrate an ability to use current techniques, skills, and tools necessary for computing practice

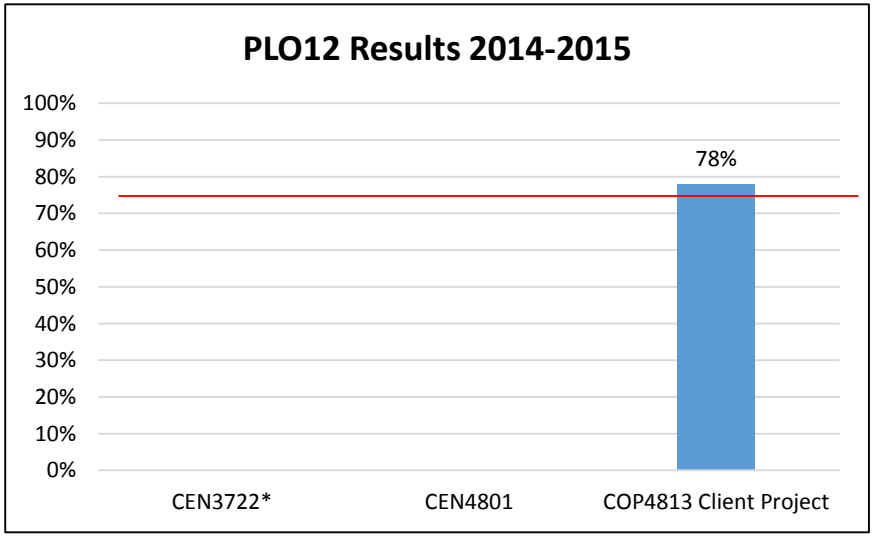



Demonstrate an ability to use and apply current technical concepts and practices in the core information technologies

**Course no offered in the assessment cycle*

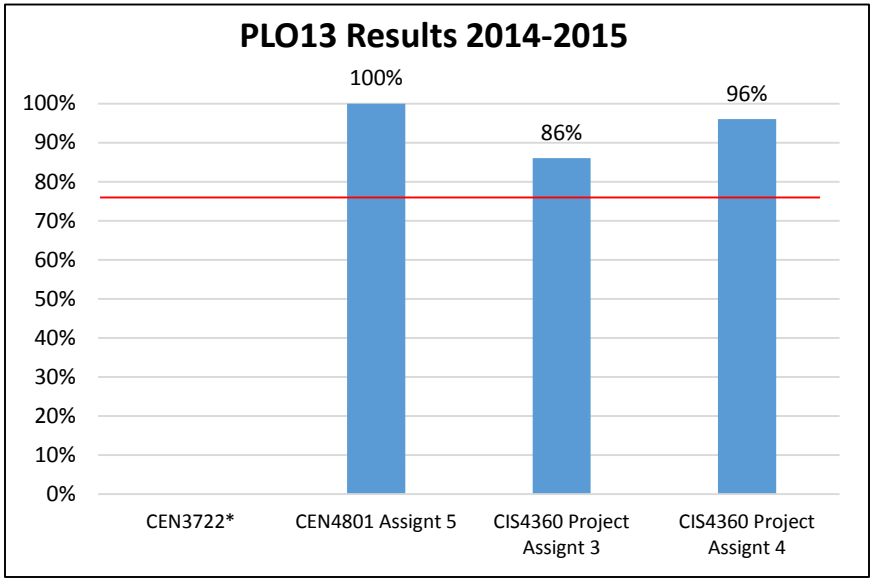



Demonstrate an ability to identify and analyze user needs and take them into account in the selection, creation, evaluation and administration of computer-based systems

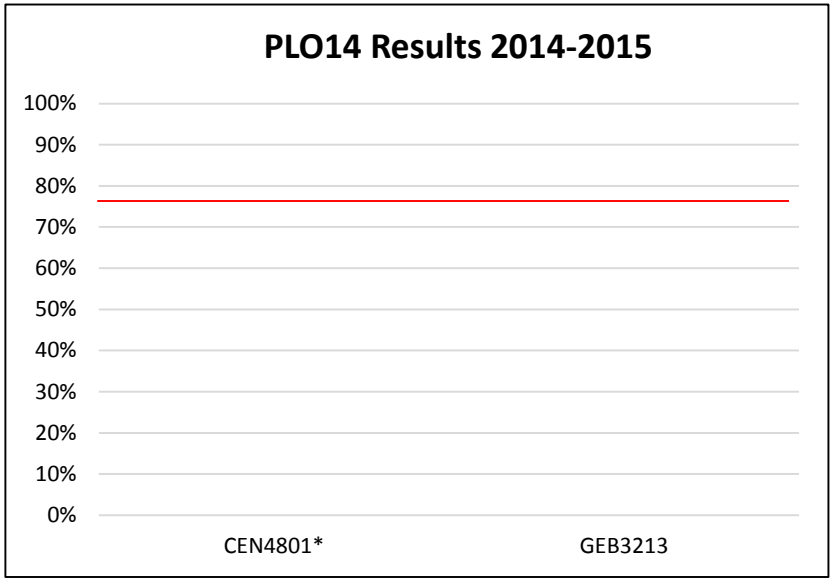



Demonstrate an ability to effectively integrate IT-based solutions into the user environment

# Assessment Results 2014-2015




Demonstrate an understanding of best practices and standards and their application




Demonstrate an ability to assist in the creation of an effective project plan

**Course no offered in the assessment cycle*

# Assessment Data 2013-2014 and 2014-2015: Programs and Institutional Learning Outcomes

| Program | Critical/ Creative Thinking | | Communication | | Cultural Literacy | | Information and Technical Literacy | |
|---|---|---|---|---|---|---|---|---|
| | 13/14 | 14/15 | 13/14 | 14/15 | 13/14 | 14/15 | 13/14 | 14/15 |
| Bachelor of Science in Engineering Technology - Electrical Engineering Technology Concentration (6333) | 55% | 92% | 52.3% | 92% | 59.4% | 70.6%-92% | 80% | 76.5%-92% |
| Bachelor of Science in Engineering Technology - Information Systems Technology Concentration (6332) | 83% | 92% | 95% | 92% | 48% | 70.6%-92% | 95% | 76.5%-92% |
| Bachelor of Science in Information Technology (BSIT) - 6334 | * | NR | * | NR | * | NR | * | NR |

** New Program*
*NR: No reported*