

University of Baltimore Continuing Education Certificate Program Course Catalog

(CAP) Certified Authorization Professional Certification (6 CEUs)

The Certified Authorization Professional (CAP) certification is an objective measure of the knowledge, skills and abilities required for personnel involved in the process of authorizing and maintaining information systems. Specifically, this credential applies to those responsible for formalizing processes used to assess risk and establish security requirements and documentation. Their decisions will ensure that information systems possess security commensurate with the level of exposure to potential risk, as well as damage to assets or individuals.

21 sessions

Tuition: \$4,500 | Exam Cost: \$599 | Lab Fee: \$75

Note: The cost of exams is based upon the current industry certification costs and is subject to change

Course Code: CA601

Textbook: Official (ISC)²® Guide to the CAP CBK, Second Edition FISMA Authorization Process Guide

Spring 2018 Cohort Course Name Course Code Days Dates

1 Certified Authorization Professional CA601 TBA Fall 2018

2 Certified Authorization Professional CA601 TBA Fall 2018

(CCSP) Certified Cloud Security Professional (6 CEUs)

It's no secret that organizations have been steadily making the move to the "cloud." These organizations are taking advantage of savings both in costs as well as reduced maintenance overhead by leveraging a wide variety of hosted services that all end with the ubiquitous "as a service" or "-aaS" suffix. These hosted services range from software (SaaS), storage, and even entire platforms (PaaS) and infrastructure (IaaS). But along with the convenience and cost-savings, come threats. Unfortunately, simply moving things offsite doesn't relieve organizations of the associated security responsibilities. That is why the CCSP certification was created.

The CCSP is a global credential that represents the highest standard for cloud security expertise. It was co-created by (ISC)² and Cloud Security Alliance — leading stewards for information security and cloud computing security.

When you earn this cloud security certification, you prove you have deep knowledge and hands-on experience with cloud security architecture, design, operations and service orchestration.

21 sessions

Tuition: \$6,000 | Exam Cost: \$599 | Lab Fee: \$75

Note: The cost of exams is based upon the current industry certification costs and is subject to change.

Course Code: CNE1207

Textbook: CCSP Certified Cloud Security Professional All-in-One Exam Guide 1st Edition by Daniel Carter (Available for purchase through Amazon.com.)

Spring 2018 Cohort Course Name Course Code Days Dates

1 Certified Cloud Security Professional CNE1207 TBA Fall 2018

2 Certified Cloud Security Professional CNE1207 TBA Fall 2018

Become a Hacker Certification Course (4 CEUs)

This Hacking Course will teach you the tools, techniques and skills used by hackers to access resources on networks, this knowledge will help you understand the risks and vulnerabilities that exists in corporate enterprises that hackers take advantage of.

18 sessions

Tuition: \$4,500 | Exam Cost: \$950 | Lab Fee: \$75

Note: The cost of exams is based upon the current industry certification costs and is subject to change.

Course Code: CE601

Textbook: To be determined. The book will be determined by the version of the exam at the time the course.

Spring 2018 Cohort Course Name Course Code Days Dates

1 Become a Hacker CE601 M, T, Th 3/19/2018 - 4/21/2018

2 Become a Hacker CE601 M, T, Th 4/30/2018 - 6/2/2018

3 Become a Hacker CE601 TBA Fall 2018

(CISSP) Certified Information Systems Security Professional Cert (6 CEUs)

CISSP® certification is a globally recognized standard of achievement that confirms an individual's knowledge in the field of information security. It was the first certification in the field of information security to meet the stringent requirements of ISO/IEC Standard 17024. CISSPs are information assurance professionals who define the architecture, design, management and/or controls that assure the security of business environments.

The CISSP curriculum covers subject matter in a variety of Information Security topics. The CISSP Common Body of Knowledge (CBK) establishes a common framework of information security terms and principles that allow information security professionals worldwide

27 sessions

Tuition: \$6,500 | Exam Cost: \$699 | Lab Fee: \$100

Note: The cost of exams is based upon the current industry certification costs and is subject to change.

Course Code: SP801

Textbook: CISSP (ISC)2 Certified Information Systems Security Professional Official Study Guide 7th Edition by James M. Stewart, Mike Chapple, Darril Gibson

Spring 2018 Cohort Course Name Course Code Days Dates

1 Certified Information Systems Security Pro. SP801 TBA Fall 2018

Cisco CCENT-ICND1 Certification (4 CEUs)

The 100-101 Interconnecting Cisco Networking Devices Part 1 (ICND1) is the exam associated with the CCENT certification and a tangible first step in achieving the CCNA Routing and Switching certification. Candidates can prepare for this exam by taking the Interconnecting Cisco Networking Devices Part 1 (ICND1) course. This exam tests a candidate's knowledge and skills required to successfully install, operate, and troubleshoot a small branch office network. The exam includes topics on the Operation of IP Data Networks; LAN Switching Technologies; IP Addressing (IPv4 & IPv6); IP Routing Technologies; IP Services (DHCP, NAT, ACLs); Network Device Security; Basic Troubleshooting.

18 sessions

Tuition: \$3,000 | Exam Cost: \$165 | Lab Fee: \$65

Note: The cost of exams is based upon the current industry certification costs and is subject to change.

Course Code: CT411

Textbook: CCNA Routing and Switching Complete Study Guide: Exam 100-105, Exam 200-105, Exam 200-125 2nd Edition by Todd Lammle

Spring 2018 Cohort Course Name Course Code Days Dates

- 1 Cisco CCENT ICND1 CT411 TBA Summer 2018
- 2 Cisco CCENT ICND1 CT411 TBA Fall 2018

Cisco CCNA-ICND2 Certification (4 CEUs)

The 200-101 Interconnecting Cisco Networking Devices Part 2 (ICND2) is the exam associated with the CCNA Routing and Switching certification. Candidates can prepare for this exam by taking the Interconnecting Cisco Networking Devices Part 2 (ICND2) version 2 course. The exam tests a candidate's knowledge and skills required to successfully install, operate, and troubleshoot a small to medium-size enterprise branch network. The exam includes topics on LAN switching technologies, IP routing technologies, IP services (FHRP, syslog, SNMP v2 and v3), troubleshooting, and WAN technologies.

18 sessions

Tuition: \$3,000 | Exam Cost: \$165 | Lab Fee: \$75

Note: The cost of exams is based upon the current industry certification costs and is subject to change.

Course Code: CT521

Textbook: CCNA Routing and Switching Complete Study Guide: Exam 100-105, Exam 200-105, Exam 200-125 2nd Edition by Todd Lammle

Spring 2018 Cohort Course Name Course Code Days Dates

- 1 Cisco CCNA ICND2 CT521 TBA Summer 2018
- 2 Cisco CCNA ICND2 CT521 TBA Fall 2018

Cisco CCNA Security Certification (4 CEUs)

Cisco Certified Network Associate Security (CCNA Security) validates associate-level knowledge and skills required to secure Cisco networks. With a CCNA Security certification, a network professional demonstrates the skills required to develop a security infrastructure, recognize threats and vulnerabilities to networks, and mitigate security threats. The CCNA Security curriculum emphasizes core security technologies, the installation, troubleshooting and monitoring of network devices to maintain integrity, confidentiality and availability of data and devices, and competency in the technologies that Cisco uses in its security structure.

24 sessions

Tuition: \$3,000 | Exam Cost: \$325 | Lab Fee: \$65

Note: The cost of exams is based upon the current industry certification costs and is subject to change.

Course Code: CS501

Textbook: CCNA Security 210-260 Official Cert Guide by Omar Santos and John Stuppi

Spring 2018 Cohort Course Name Course Code Days Dates

- 1 Cisco Security CS501 TBA Fall 2018
 - 2 Cisco Security CS501 TBA Fall 2018
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Cloud Administrator (6 CEUs)

The Cloud Administrator course is designed to help students prepare for the CCNA Cloud Administration certification. This course is designed to provide students with the necessary knowledge and skills to perform the essentials of Cloud administration and operations.

The certification is a demonstration of knowledge about Cloud Provisioning and Administration, Cloud Bursting, Cloud Interoperability, Strategic Policy Design for Cloud Usage and Compliance, Disaster Recovery and Business Continuity Strategies for the Cloud, as well as Performance Measurement and Monitoring.

21 sessions

Tuition: \$5,500 | Exam Cost: \$250 | Lab Fee: \$75

Note: The cost of exams is based upon the current industry certification costs and is subject to change

Course Code: CNE1203

Textbook: CCNA Cloud CLDADM 210-455 Official Cert Guide by Chris Jackson and Hank A. A. Preston III

Spring 2018 Cohort Course Name Course Code Days Dates

1 Cloud Administrator CNE1203 TBA Summer 2018

Cloud Fundamentals (4 CEUs)

The Cloud Fundamentals course is designed to provide students with the necessary knowledge, skills and abilities to perform foundational tasks related to Cloud computing. This course provides you with the necessary knowledge and skills to perform foundational tasks related to cloud computing and prepares you for the 210-451 CLDFND exam; one of the two exams required to achieve the CCNA Cloud certification.

You learn the characteristics and deployment models of a cloud network, including cloud-computing basic concepts. You also learn to describe and compare cloud service and deployment models, how to identify Cisco Nexus1000V Series Switches, and how to describe the Cisco Application-Centric Infrastructure (ACI).

18 sessions

Tuition: \$3,500 | Exam Cost: \$250 | Lab Fee: \$75

Note: The cost of exams is based upon the current industry certification costs and is subject to change.

Course Code: CNE1201

Textbook: CCNA Cloud CLDFND 210-451 Official Cert by Gustavo A. A. Santana

Spring 2018 Cohort Course Name Course Code Days Dates

1 Cloud Fundamentals CNE1201 TBA Fall 2018

CompTIA A+ Certification (6 CEUs)

Learn everything you need to know to serve as the only Technology Professional for a small business or non-profit organization. Troubleshoot, repair, maintain, manage, and upgrade all hardware and software in the organization. Setup, configure, manage and troubleshoot networking equipment: NICs, Routers, Switches, and Cables.

Prepare for the premier Information Technology Certification exam, CompTIA's A+ certification, making each student a certified Information Technology Support Specialists.

21 sessions**Tuition: \$4,500 | Exam Cost: \$410 | Lab Fee: \$50****Course Code: CA6530**

Note: The cost of exams is based upon the current industry certification costs and is subject to change.

Textbook: CompTIA A+ 220-901 and 220-902 Cert Guide by Mike Meyers**Spring 2018 Cohort Course Name Course Code Days Dates**1 CompTIA A+ 901/902 CA6530 M, T, Th 4/2/2018 - 5/5/2018

CompTIA Cloud+ (3 CEUs)

As more and more businesses shift their IT operations to cloud platforms, skills in cloud computing and virtualization have become a frequently required qualification for IT professionals. Cloud+ is globally recognized and accredited. CompTIA Cloud+ is compliant with ISO 17024 standards. Adding CompTIA Cloud+ to your resume demonstrates your ability to implement and maintain cloud technologies and enables you to jump into a rapidly growing market. The CompTIA Cloud+ certification validates the skills and expertise of IT practitioners in implementing and maintaining cloud technologies. Cloud+ accredits IT professionals with the constantly changing and advancing knowledge they need to be successful in today's cloud environment.

15 sessions**Tuition: \$3,000 | Exam Cost: \$294 | Lab Fee: \$75**

Note: The cost of exams is based upon the current industry certification costs and is subject to change.

Course Code: CNE1101**Textbook:** CompTIA Cloud+ Study Guide: Exam CV0-001; Paperback; Author – Todd Montgomery**Spring 2018 Cohort Course Name Course Code Days Dates**

1 CompTIA Cloud+ CNE1101 M, T, Th 3/19/2018 - 4/21/2018

2 CompTIA Cloud+ CNE1101 TBA Fall 2018

3 CompTIA Cloud+ CNE1101 TBA Fall 2018

CompTIA Network+ (3 CEUs)

The CompTIA Network+ certification is the sign of a qualified networking professional. Microsoft includes CompTIA Network+ in their Microsoft Certified Systems Administrator (MCSA) program, and other corporations such as Novell, Cisco and HP also recognize CompTIA Network+ as part of their certification tracks. CompTIA Network+ certification is a vendor-neutral certification considered by many employers as a prerequisite for entry-level IT employment in the area of IT networks. Network+ certification signifies that the individual is capable of performing tasks such as installation, configuration, and troubleshooting of common networking systems. CompTIA Network+ certification serves as a solid foundation for other networking and IT certification programs offered by vendors such as Microsoft and Cisco. ATI's hands-on Network+ class not only prepares you for certification, we also give you the tools needed for on-the-job success. This course prepares you for CompTIA's Network+ certification N10-006.

15 sessions**Tuition: \$3,000 | Exam Cost: \$294 | Lab Fee: \$75**

Note: The cost of exams is based upon the current industry certification costs and is subject to change

Course Code: CN5290**Textbook:** CompTIA Network+ N10-006 Cert Guide by Keith Barker and Kevin Wallace**Spring 2018 Cohort Course Name Course Code Days Dates**

1 CompTIA Network+ CN5290 M, T, Th 5/14/2018 - 6/9/2018

CompTIA Security+ (3 CEUs)

CompTIA Security+ certification designates knowledgeable professionals in the field of security, one of the fastest growing fields in IT. CompTIA Security+ is an international, vendor-neutral certification that demonstrates competency in: Network security, compliance and operational security, threats and vulnerabilities, application, data and host security, access control and identity management, cryptography. CompTIA Security+ not only ensures that candidates will apply knowledge of security concepts, tools, and procedures to react to security incidents; it ensures that security personnel are anticipating security risks and guarding against them. ATI's scenario based labs offered in the Security+ course ensures that you learn the concepts tools and procedures needed to react to various security incidents at a workplace. This course prepares you for CompTIA's Security+ certification SY0-401.

15 sessions

Tuition: \$3,000 | Exam Cost: \$320 | Lab Fee: \$50

Note: The cost of exams is based upon the current industry certification costs and is subject to change.

Course Code: CS6730

Textbook: CompTIA Security+: Get Certified Get Ahead: SY0-401 Study Guide by Darril Gibson

Spring 2018 Cohort Course Name Course Code Days Dates

1 CompTIA Security+ CS6730 M, T, Th 4/30/2018 - 6/2/2018

(CSA+) Cyber Security Analyst+ Certification (3 CEUs)

The ECSA certification is an advanced ethical hacking training certification that complements the Become a Hacker. This program is a step above the Become a Hacker certification, which exposes the learner to hacking tools and technologies the Certified Security Analyst, explores how to analyze the outcome from these tools and technologies. Through ground breaking network penetration testing training methods and techniques, this pen testing computer security certification helps students perform the intensive assessments required to effectively identify and mitigate risks to the information security of the infrastructure.

15 sessions

Tuition: \$3,500 | Exam Cost: \$320 | Lab Fee: \$150

Note: The cost of exams is based upon the current industry certification costs and is subject to change.

Course code: ISDM17208

Textbook: CompTIA CSA+ Study Guide: Exam CS0-001 1st Edition by Mike Chapple, David Seidl

Spring 2018 Cohort Course Name Course Code Days Dates

1 Cyber Security Analyst+ ISDM17208 M, T, Th 4/30/2018 - 6/2/2018

Database Fundamentals (6 CEUs)

Learn everything you need to know to serve as the only Technology Professional for a business or non-profit organization. Troubleshoot, repair, configure, maintain, manage, and upgrade Oracle Databases Diagnosis and troubleshooting techniques for Oracle Databases.

21 sessions

Tuition: \$4,500 | Exam Cost: \$120 | Lab Fee: \$75

Note: The cost of exams is based upon the current industry certification costs and is subject to change.

Course Code: ODA901

Textbook: OCA: Oracle Database 12c Administrator Certified Associate Study Guide: Exams 1Z0-061 and 1Z0-062 (Includes SQL Certification & OCA Certification)

Spring 2018 Cohort Course Name Course Code Days Dates

1 Database Fundamentals ODA901 TBA Fall 2018

Federal Information Security Management Act (FISMA): Guidelines (6 CEUs)

The FISMA Center qualifies experts on their knowledge of FISMA and designates individuals as Certified FISMA Compliance Practitioners based on a comprehensive assessment of their abilities. FISMA requires security controls to be tested annually.

CFCPs understand how to define security controls, how to test security controls, and how to analyze test results and make recommendations for corrective actions based on risk exposure. Our course prepares our students to fully master and understand the requirements and regulations to become CFCPs. The CFCP is the only credential designed exclusively to qualify experts on FISMA compliance capabilities.

24 sessions

Tuition: \$5,000 | Exam Cost: \$349 | Lab Fee: \$150

Note: The cost of exams is based upon the current industry certification costs and is subject to change.

Course code: ISDM1210

Textbook: FISMA Certification & Accreditation Handbook 1st Edition by Laura P. Taylor (Author), L. Taylor (Author)

Spring 2018 Cohort Course Name Course Code Days Dates

1 FISMA: Guidelines ISDM1210 TBA Summer 2018

Introduction to Linux/Unix (3 CEUs)

This course explores the various tools and techniques commonly used by Linux system administrators and end users to achieve their day-to-day work in a Linux environment. It is designed for experienced computer users who have limited or no previous exposure to Linux, whether they are working in an individual or Enterprise environment.

Upon completion of this training you should have a good working knowledge of Linux, from both a graphical and command line perspective, allowing you to easily navigate through any of the major Linux distributions. You will be able to continue your progress as a user, system administrator or developer using the acquired skill set.

15 sessions

Tuition: \$2,500 | Exam Cost: \$200 | Lab Fee: \$75

Note: The cost of exams is based upon the current industry certification costs and is subject to change.

Course Code: LF1101

Textbook: Understanding UNIX/LINUX Programming: A Guide to Theory and Practice

Spring 2018 Cohort Course Name Course Code Days Dates

1 Introduction to Linux/Unix LF1101 TBA Fall 2018

LINUX System Administration (Intermediate) (3 CEUs)

This course teaches you how to unlock the hidden processing power in your UNIX / Linux system. These

systems contain many tools and utilities that can help the user automate tasks and improve productivity. This course provides an overview of these topics, giving you valuable perspective on a huge and unwieldy area that could take months or years to learn on your own.

15 sessions

Tuition: \$3,500 | Exam Cost: \$300 | Lab Fee: \$150

Note: The cost of exams is based upon the current industry certification costs and is subject to change.

Course code: LF1301

Spring 2018 Cohort Course Name Course Code Days Dates

1 LINUX System Admin (Intermediate) LF1301 TBA Fall 2018

LINUX System Administration (Advance) (3 CEUs)

KornShell (ksh) and Bash have evolved into full-featured programming languages with efficient built-in modern constructs for superior string handling, decision-making, arithmetic and post processing. This hands-on course provides the skills you need to write reusable, robust shell scripts to extend the user environment and automate complex administrative tasks.

15 sessions

Tuition: \$3,000 | Exam Cost: \$300 | Lab Fee: \$150

Note: The cost of exams is based upon the current industry certification costs and is subject to change.

Course code: LF1304

Spring 2018 Cohort Course Name Course Code Days Dates

1 LINUX System Admin (Advance) LF1304 TBA Fall 2018

Linux Foundation (4 CEUs)

This hands-on Linux System Administration course teaches attendees how to install, administer, configure and upgrade a Linux system running one of the three major Linux distribution families (Red Hat, SUSE, Debian/Ubuntu). Heavily focused on enterprise environments, this course provides Linux system administrators with all the tools and concepts needed to efficiently build and manage a production Linux infrastructure. We present in this course the state-of-the-art techniques used in the industry and apply them in the context of practical labs.

18 sessions

Tuition: \$3,000 | Exam Cost: \$120 | Lab Fee: \$75

Note: The cost of exams is based upon the current industry certification costs and is subject to change.

Course Code: LF1201

Textbook: Understanding UNIX/LINUX Programming: A Guide to Theory and Practice

Spring 2018 Cohort Course Name Course Code Days Dates

1 Linux Foundation LF1201 TBA Summer 2018

Oracle 12c Administration (6 CEUs)

In this course emphasis will be placed on OS (Linux Programming), Database programming (SQL) and Database Administration. This course will prepare the student for the premier Information Technology Certification exam Oracle 12c (OCA) certification, making each student a certified Oracle 12c certified administrator.

21 sessions**Tuition: \$5,500 | Exam Cost: \$245 | Lab Fee: \$75**

Note: The cost of exams is based upon the current industry certification costs and is subject to change.

Course Code: ODA902**Textbook:** OCA: Oracle Database 12c Administrator Certified Associate Study Guide: Exams 1Z0-061 and 1Z0-062 (Includes SQL Certification & OCA Certification)**Spring 2018 Cohort Course Name Course Code Days Dates**1 Oracle 12c Administration ODA902 TBA Summer 2018

Project Management Professional (6 CEUs)

The Project Management Professional (PMP)[®] is the most important industry recognized certification for project managers. You can find PMPs leading projects in nearly every country and, unlike other certifications that focus on a geography or domain, the PMP[®] is truly global. As a PMP, you can work in virtually any industry, with any methodology and in any location. The PMP also increases your earning potential. PMP certification holders earn 20 percent more than their non-certified peers according to Earning Power: Project Management Salary Survey, Ninth Edition. Employers benefit as well. When more than one-third of their project managers are PMP-certified, organizations complete more of their projects on time, on budget and meeting original goals. The PMP signifies that you speak and understand the global language of project management and connects you to a community of professionals, organizations and experts worldwide. Become a PMP and become a project hero.

24 sessions**Tuition: \$6,500 | Exam Cost: \$555 | Lab Fee: \$150**

Note: The cost of exams is based upon the current industry certification costs and is subject to change.

Course code: PMP17303**Textbook:** A Guide to the Project Management Body of Knowledge (PMBOK[®] Guide)– Fifth Edition By: Project Management Institute**Spring 2018 Cohort Course Name Course Code Days Dates**1 Project Management Professional PMP17303 TBA Summer 2018

Vulnerability Management (5 CEUs)

Knowledge of vulnerability assessment and hacking techniques allows you to detect weaknesses before your networks are attacked. In this course, you learn to configure vulnerability scanners to detect points of exposure and prevent network exploitation. You acquire the knowledge to assess the risk to your enterprise from an array of vulnerabilities and to minimize security breaches. This course focuses on vulnerabilities that affect network infrastructures, servers, and workstations. You explore vulnerabilities introduced by software errors, problems inherent in core network protocols, and risks resulting from insecure system configurations. Student will be exposed to various vulnerability tools such as RetinaCS, Tenable Nessus, Core Impact, NMAP, OpenVAS etc.

15 sessions**Tuition: \$4,000 Lab Fee: \$150****Course code: ISDM1810****Spring 2018 Cohort Course Name Course Code Days Dates**

1 Vulnerability Management ISDM1810 TBA Fall 2018

bsThis well-known, global IT security certification offers instant credibility. And it's an excellent way to expand your cyber security knowledge — particularly if you're in a hands-on, operational IT role or you're building a foundation in information security. The SSCP shows you have the technical skills to implement, monitor and administer IT infrastructure using information security policies and procedures. By completing this course and passing the exam you will show that you're skilled in protecting the confidentiality, integrity and availability of data.

21 sessions

Tuition: \$6,500 | Exam Cost: \$249 | Lab Fee: \$100

Note: The cost of exams is based upon the current industry certification costs and is subject to change.

Course Code: SP601

Textbook: The Official (ISC)2 Guide to the SSCP CBK / Edition 4 by Adam Gordon, Steven Hernandez

Spring 2018 Cohort Course Name Course Code Days Dates

1 Systems Security Certified Practitioner SP601 TBA Fall 2018

Windows 2012 Server Certification (4 CEUs)

Microsoft Windows Server 2012 delivers hundreds of new features and enhancements. It's at the heart of the Microsoft Cloud Platform and delivers global-scale cloud services into your infrastructure with new features and enhancements in virtualization, management, storage, networking, virtual desktop infrastructure, access and information protection, the web and application platforms.

The Windows 2012 Server Certification course is ideal for IT students wanting to establish a solid foundation and understanding of Windows Server 2012. Topics covered include: Installation & configuration of Windows Server 2012, Managing and understanding Active Directory Domain Services, implementing networking services, file and print services, implementing local storage, Administering Group Policy, Implementing Server virtualization with Hyper-V, Configure and troubleshoot DNS,

Remote Access and file system security, and more.

18 sessions

Tuition: \$3,000 | Exam Cost: \$150 | Lab Fee: \$75

Note: The cost of exams is based upon the current industry certification costs and is subject to change.

Course Code: WS2012

Textbook: MCSA Windows Server 2012 Complete Study Guide: Exams 70-410, 70-411, 70-412, and 70-417 1st Edition by William Panek

Spring 2018 Cohort Course Name Course Code Days Dates

1 Windows 2012 Server WS2012 M, T, Th 4/30/2018 - 6/2/2018
