



SYSTEMS TECHNOLOGY FORUM, LTD COMMERCIAL PRICE LIST

As of 10/01/2024

STF AUTHORIZED REPRESENTATIVE:

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1 LABOR PRICING

1.1 RATES

Labor Category	Rate (Gov & Ctr Site)
Program Manager I	\$159.36
Program Manager II	\$176.02
Program Manager III	\$192.35
Subject Matter Expert I	\$135.96
Subject Matter Expert II	\$160.56
Subject Matter Expert III	\$184.59
Engineer I	\$90.73
Engineer II	\$102.79
Engineer III	\$112.08
Engineer IV	\$123.37
Engineer V	\$140.71
Management Analyst I	\$86.76
Management Analyst II	\$98.49
Management Analyst III	\$110.27
Systems Analyst I	\$124.13
Systems Analyst II	\$136.35
Systems Analyst III	\$150.92
Technician I	\$72.52
Technician II	\$77.88
Technician III	\$83.87
Administrative Support I	\$54.78
Administrative Support II	\$62.56
Project Control Analyst II	\$96.30
Project Control Analyst III	\$127.39
Training Manager	\$148.90
Training Specialist I	\$94.33
Training Specialist II	\$101.15
Training Specialist III	\$111.63
Cybersecurity Engineer I	\$134.52
Cybersecurity Engineer II	\$148.06
Cybersecurity Engineer III	\$169.55
Executive Management Consultant	\$257.04
Management Consultant I	\$92.09
Management Consultant II	\$104.90
Management Consultant III	\$125.89
Management Consultant IV	\$188.27
Technical Writer/Editor II	\$90.87
Technical Writer/Editor III	\$100.09

1.2 LABOR CATEGORY DESCRIPTIONS

<p>Program Manager I</p>	<p>Manages the project in order to expand participation, anticipating and meeting customer needs; directs the tactical activities of the program including, but not limited to, engineering, finance and/or operations. Experience supporting the technical or business operational aspects of multiple, large scale Government programs. Has knowledge and experience in systems requirements definition, work planning, budget development, fiscal control, scheduling, task control, work progress assessments, contract management, subcontract/vendor management, client communications, staffing, recruiting/development or personnel communications. Plans, directs, and coordinates the activities of program management and administration. Supervises personnel to complete tasks relating to complex integrated systems design, development or modification as required by specific contracts.</p>
<p>Program Manager II</p>	<p>Manages the project in order to expand participation, anticipating and meeting customer needs; directs the tactical activities of the program including, but not limited to, engineering, finance and/or operations. Experience supporting the technical or business operational aspects of multiple, large scale Government programs. Has knowledge and experience in systems requirements definition, work planning, budget development, fiscal control, scheduling, task control, work progress assessments, contract management, subcontract/vendor management, client communications, staffing, recruiting/development or personnel communications. Plans, directs, and coordinates the activities of program management and administration. Supervises personnel to complete tasks relating to complex integrated systems design, development or modification as required by specific contracts.</p>
<p>Program Manager III</p>	<p>Manages the project in order to expand participation, anticipating and meeting customer needs; directs the tactical activities of the program including, but not limited to, engineering, finance and/or operations. Experience supporting the technical or business operational aspects of multiple, large scale Government programs. Has knowledge and experience in systems requirements definition, work planning, budget development, fiscal control, scheduling, task control, work progress assessments, contract management, subcontract/vendor management, client communications, staffing, recruiting/development or personnel communications. Plans, directs, and coordinates the activities of program management and administration. Supervises personnel to complete tasks relating to complex integrated systems design, development or modification as required by specific contracts.</p>
<p>Subject Matter Expert I</p>	<p>An organizational expert in the mechanical, electrical, chemical, components of civil engineering, aerospace, nuclear, bioengineering, communication systems, science or marine architecture fields. The Subject Matter Expert provides technical knowledge and analysis of highly specialized applications and operational environments; high-level functional systems analysis; and design, integration, configuration management, documentation or implementation advice on exceptionally complex problems that need extensive knowledge of the subject matter for effective implementation. The Subject Matter Expert participates as needed in all phases of science and engineering disciplines with emphasis on the planning, analysis, testing, integration, documentation, and presentation phases. Technical experience shall include the specific engineering discipline, system, products, or field of study applicable to the assigned task/project. Further the Subject Matter Expert applies principles, methods and knowledge of the functional area of capability to specific task order requirements. May have authored and published papers, articles or books in field of expertise.</p>

Subject Matter Expert II	An organizational expert in the mechanical, electrical, chemical, components of civil engineering, aerospace, nuclear, bioengineering, communication systems, science or marine architecture fields. The Subject Matter Expert provides technical knowledge and analysis of highly specialized applications and operational environments; high-level functional systems analysis; and design, integration, configuration management, documentation or implementation advice on exceptionally complex problems that need extensive knowledge of the subject matter for effective implementation. The Subject Matter Expert participates as needed in all phases of science and engineering disciplines with emphasis on the planning, analysis, testing, integration, documentation, and presentation phases. Technical experience shall include the specific engineering discipline, system, products, or field of study applicable to the assigned task/project. Further the Subject Matter Expert applies principles, methods and knowledge of the functional area of capability to specific task order requirements. May have authored and published papers, articles or books in field of expertise.
Subject Matter Expert III	An organizational expert in the mechanical, electrical, chemical, components of civil engineering, aerospace, nuclear, bioengineering, communication systems, science or marine architecture fields. The Subject Matter Expert provides technical knowledge and analysis of highly specialized applications and operational environments; high-level functional systems analysis; and design, integration, configuration management, documentation or implementation advice on exceptionally complex problems that need extensive knowledge of the subject matter for effective implementation. The Subject Matter Expert participates as needed in all phases of science and engineering disciplines with emphasis on the planning, analysis, testing, integration, documentation, and presentation phases. Technical experience shall include the specific engineering discipline, system, products, or field of study applicable to the assigned task/project. Further the Subject Matter Expert applies principles, methods and knowledge of the functional area of capability to specific task order requirements. May have authored and published papers, articles or books in field of expertise.
Engineer I	Plans, schedules, conducts or coordinates detailed phases of the engineering or scientific work in a project or performs work that involves engineering or scientific practices. Technical experience shall include the specific engineering discipline, system, products, or field of study applicable to the assigned task/project. Typical work may include the following: research, development, design, testing, logistics, communications, configuration management, and analysis, production, maintenance and operation. Engineer's work may also include system security, planning, estimating, application, standardization of engineering facilities, systems, structures, software applications, firmware, processes equipment, devices, and documentation or materials. An Engineer applies knowledge of and experience with engineering principles and techniques to develop moderately complex specifications and procedures, develop and analyze designs, and evaluate technical reports. Conducts research concerned with design, manufacture and test of components, equipment and systems, including application of equipment to new uses. May create and analyze moderately complex engineering designs.

Engineer II	Plans, schedules, conducts or coordinates detailed phases of the engineering or scientific work in a project or performs work that involves engineering or scientific practices. Technical experience shall include the specific engineering discipline, system, products, or field of study applicable to the assigned task/project. Typical work may include the following: research, development, design, testing, logistics, communications, configuration management, and analysis, production, maintenance and operation. Engineer’s work may also include system security, planning, estimating, application, standardization of engineering facilities, systems, structures, software applications, firmware, processes equipment, devices, and documentation or materials. An Engineer applies knowledge of and experience with engineering principles and techniques to develop moderately complex specifications and procedures, develop and analyze designs, and evaluate technical reports. Conducts research concerned with design, manufacture and test of components, equipment and systems, including application of equipment to new uses. May create and analyze moderately complex engineering designs.
Engineer III	Plans, schedules, conducts or coordinates detailed phases of the engineering or scientific work in a project or performs work that involves engineering or scientific practices. Technical experience shall include the specific engineering discipline, system, products, or field of study applicable to the assigned task/project. Typical work may include the following: research, development, design, testing, logistics, communications, configuration management, and analysis, production, maintenance and operation. Engineer’s work may also include system security, planning, estimating, application, standardization of engineering facilities, systems, structures, software applications, firmware, processes equipment, devices, and documentation or materials. An Engineer applies knowledge of and experience with engineering principles and techniques to develop moderately complex specifications and procedures, develop and analyze designs, and evaluate technical reports. Conducts research concerned with design, manufacture and test of components, equipment and systems, including application of equipment to new uses. May create and analyze moderately complex engineering designs.
Engineer IV	Plans, schedules, conducts or coordinates detailed phases of the engineering or scientific work in a project or performs work that involves engineering or scientific practices. Technical experience shall include the specific engineering discipline, system, products, or field of study applicable to the assigned task/project. Typical work may include the following: research, development, design, testing, logistics, communications, configuration management, and analysis, production, maintenance and operation. Engineer’s work may also include system security, planning, estimating, application, standardization of engineering facilities, systems, structures, software applications, firmware, processes equipment, devices, and documentation or materials. An Engineer applies knowledge of and experience with engineering principles and techniques to develop moderately complex specifications and procedures, develop and analyze designs, and evaluate technical reports. Conducts research concerned with design, manufacture and test of components, equipment and systems, including application of equipment to new uses. May create and analyze moderately complex engineering designs.

Engineer V	Plans, schedules, conducts or coordinates detailed phases of the engineering or scientific work in a project or performs work that involves engineering or scientific practices. Technical experience shall include the specific engineering discipline, system, products, or field of study applicable to the assigned task/project. Typical work may include the following: research, development, design, testing, logistics, communications, configuration management, and analysis, production, maintenance and operation. Engineer’s work may also include system security, planning, estimating, application, standardization of engineering facilities, systems, structures, software applications, firmware, processes equipment, devices, and documentation or materials. An Engineer applies knowledge of and experience with engineering principles and techniques to develop moderately complex specifications and procedures, develop and analyze designs, and evaluate technical reports. Conducts research concerned with design, manufacture and test of components, equipment and systems, including application of equipment to new uses. May create and analyze moderately complex engineering designs.
Management Analyst I	Management Analyst experience will include one or more of the following: development of program acquisition documentation; requirements analysis; development of testing criteria; configuration management; development of corrective action systems; development of program planning or monitoring approach (e.g. PERT, CPM, EVM); analysis of programs health; data collection and analysis; development of cost estimates and/or development of Program Status Reports. Knowledge of acquisition policies and procedures is desired.
Management Analyst II	Management Analyst experience will include one or more of the following: development of program acquisition documentation; requirements analysis; development of testing criteria; configuration management; development of corrective action systems; development of program planning or monitoring approach (e.g. PERT, CPM, EVM); analysis of programs health; data collection and analysis; development of cost estimates and/or development of Program Status Reports. Knowledge of acquisition policies and procedures is desired.
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Systems Analyst I	Systems analysts implement, maintain, and support IT and information systems to meet the business needs of the organization. This includes, but is not limited to defining and analyzing system problems; designing and testing standards and solutions; evaluating procedures and processes; developing solutions by preparing and evaluating alternative workflow solutions; establishing and documenting requirements specifications and coordinating production with programmers; validating results through testing; training client personnel and providing support; and writing documentation.
Systems Analyst II	Systems analysts implement, maintain, and support IT and information systems to meet the business needs of the organization. This includes, but is not limited to defining and analyzing system problems; designing and testing standards and solutions; evaluating procedures and processes; developing solutions by preparing and evaluating alternative workflow solutions; establishing and documenting requirements specifications and coordinating production with programmers; validating results through testing; training client personnel and providing support; and writing documentation.

Systems Analyst III	Systems analysts implement, maintain, and support IT and information systems to meet the business needs of the organization. This includes, but is not limited to defining and analyzing system problems; designing and testing standards and solutions; evaluating procedures and processes; developing solutions by preparing and evaluating alternative workflow solutions; establishing and documenting requirements specifications and coordinating production with programmers; validating results through testing; training client personnel and providing support; and writing documentation.
Technician I	Technician supports the planning and performance of engineering and customer specifications. Designs or installs components, equipment, or test sets and executes procedures and processes in conjunction with requirements and specifications developed by engineering staff. Supports the technical or engineering activities related to the development and integration of testing of a project assigned to higher level engineers. Oversees, completes or supports emergency repairs and routine maintenance. Observes experiments, records test data, performs routine analyses and maintenance, and prepares charts and graphs. A Technician may create/review diagrams, may maintain or update configuration documentation and specifications of equipment as well as complies with safety and security procedures in the performance of work.
Technician II	Technician supports the planning and performance of engineering and customer specifications. Designs or installs components, equipment, or test sets and executes procedures and processes in conjunction with requirements and specifications developed by engineering staff. Supports the technical or engineering activities related to the development and integration of testing of a project assigned to higher level engineers. Oversees, completes or supports emergency repairs and routine maintenance. Observes experiments, records test data, performs routine analyses and maintenance, and prepares charts and graphs. A Technician may create/review diagrams, may maintain or update configuration documentation and specifications of equipment as well as complies with safety and security procedures in the performance of work.
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Administrative Support I	Working under general supervision, provides secretarial, clerical, and administrative support to technical and managerial staff.
Administrative Support II	Working under general supervision, provides secretarial, clerical, and administrative support to technical and managerial staff.
Project Control Analyst II	Develops, analyzes, forecasts and reports on programmatic and financial operating data. Establishes and maintains contract cost and schedule performance baseline, monitors performance, supports development of Work Breakdown Structures (WBS), supports development of estimates to complete and has thorough understanding of related financial policies. Supports contractual scheduling as required, implements earned value methodologies (as applicable), or performs related variance analyses. The Project Control Analyst prepares written and verbal reports regarding cost and performance schedule variances; ensures that job cost information is accurately reported and timely.

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Training Manager	Manages the implementation and operation of the training programs, practices and procedures for training personnel. Responsible for staff development, supervision, and management. Designs and administers training programs to train all levels of personnel. Responsible for the development, testing, and maintenance of training curriculum to instruct customer personnel on the utilization of customer products or services. Responsible for reviewing course content, training materials and documentation. Works on complex problems where analysis of situations or data may require an in-depth evaluation of various factors. Exercises judgment within defined practices and policies in selecting methods, techniques and evaluation criteria for obtaining results.
Training Specialist I	Develops, directs, plans, delivers and evaluates training programs or activities to meet external customer or internal employee learning objectives. Provides direct instruction and training to customers on services, procedures, processes, techniques, tactics, products or skill development. Assignments may include needs analysis, custom course development, development of criteria for evaluating the effectiveness of course objectives, and evaluation and learning assessments. Collaborates with customer or internal functional organization to develop, enhance, and/or evaluate new or existing learning objectives and course content. May create course content, training materials, visual aids and documentation to support a variety of instructional formats such as lecture, lab exercises, field training, computer-based training (CBT), and/or web-based training (WBT). May develop exam materials and may be responsible for testing and qualitative evaluation of participant's attainment of learning objectives. Monitors and evaluates training programs, assesses results, and implements enhancements as needed. Trainers may also administer training programs to meet student needs, which may require post-training follow up to determine applicability of course material or training approaches. Works under limited direction. Normally receives no instruction on routine work, general instructions on new assignments.

<p>Training Specialist II</p>	<p>Develops, directs, plans, delivers and evaluates training programs or activities to meet external customer or internal employee learning objectives. Provides direct instruction and training to customers on services, procedures, processes, techniques, tactics, products or skill development. Assignments may include needs analysis, custom course development, development of criteria for evaluating the effectiveness of course objectives, and evaluation and learning assessments. Collaborates with customer or internal functional organization to develop, enhance, and/or evaluate new or existing learning objectives and course content. May create course content, training materials, visual aids and documentation to support a variety of instructional formats such as lecture, lab exercises, field training, computer-based training (CBT), and/or web-based training (WBT). May develop exam materials and may be responsible for testing and qualitative evaluation of participant's attainment of learning objectives. Monitors and evaluates training programs, assesses results, and implements enhancements as needed. Trainers may also administer training programs to meet student needs, which may require post-training follow up to determine applicability of course material or training approaches. Works under limited direction. Normally receives no instruction on routine work, general instructions on new assignments.</p>
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<p>Cybersecurity Engineer I</p>	<p>May perform any of the following activities: security requirements definition, security risk assessment, systems analysis, systems design, security test and evaluation, certification and accreditation, and systems hardening. Conducts vulnerability testing and scanning, incident response, disaster recovery, and business continuity planning and provides analytical support for security policy development and analysis. Monitor, analyze, and detect Cyber events and incidents within information systems and networks. Monitor, analyze, and detect Cyber events and incidents within information systems and networks. Planning, implementing, managing, monitoring and upgrading security measures for the protection of the organizations data, systems and networks. Develop security assessment plans for systems, including the objectives, scope, schedule, required documentation, possible risks, and other logistical items for security assessments; develops cloud service provider testing approach from security perspective.</p>

<p>Cybersecurity Engineer II</p>	<p>May perform any of the following activities: security requirements definition, security risk assessment, systems analysis, systems design, security test and evaluation, certification and accreditation, and systems hardening. Conducts vulnerability testing and scanning, incident response, disaster recovery, and business continuity planning and provides analytical support for security policy development and analysis. Monitor, analyze, and detect Cyber events and incidents within information systems and networks. Monitor, analyze, and detect Cyber events and incidents within information systems and networks. Planning, implementing, managing, monitoring and upgrading security measures for the protection of the organizations data, systems and networks. Develop security assessment plans for systems, including the objectives, scope, schedule, required documentation, possible risks, and other logistical items for security assessments; develops cloud service provider testing approach from security perspective.</p>
<p>Cybersecurity Engineer III</p>	<p>May perform any of the following activities: security requirements definition, security risk assessment, systems analysis, systems design, security test and evaluation, certification and accreditation, and systems hardening. Conducts vulnerability testing and scanning, incident response, disaster recovery, and business continuity planning and provides analytical support for security policy development and analysis. Monitor, analyze, and detect Cyber events and incidents within information systems and networks. Monitor, analyze, and detect Cyber events and incidents within information systems and networks. Planning, implementing, managing, monitoring and upgrading security measures for the protection of the organizations data, systems and networks. Develop security assessment plans for systems, including the objectives, scope, schedule, required documentation, possible risks, and other logistical items for security assessments; develops cloud service provider testing approach from security perspective.</p>
<p>Executive Management Consultant</p>	<p>This position will act as a cognizant authority over one or more of the top-level leadership issues including leadership assessment, organizational assessment and design, strategic planning, policy planning and development, business and process improvement. Will interface and provide direction, guidance and consulting to the highest levels within an agency up to and including the Secretary. Excellent management, communications, interpersonal, organizational and analytical skills are required. Position may require travel. Provide leadership, assistance and direction across a number of key organizational areas, including: Formulation and implementation of strategic plans. Policy planning and analysis. Business and financial process and reengineering to meet strategic objectives. Developing process modeling and simulation. Executive level facilitation and support. High level, agency cross functional facilitation and support. Interagency committee facilitation and support. Program integration support. Interfacing with executive level customers on a regular basis. Monitor customer feedback and provide advice on a broad range of issues related to programs/services being delivered. Leadership at the highest programmatic and/or technical levels in order to accomplish customer driven projects. Manages all phases of a program from inception to completion. Serving as a technical expert in areas relevant to a major program, exercise, or initiative.</p>

Management Consultant I	Supports management, organizational and business tasks, consults as a subject area expert to solve complex problems in technical areas, including but not limited to engineering, science, logistics, asset management, operations, research, program management, risk, information technology, finance, acquisition, etc. Provides expert technical analyses and advice in specific technical areas to support management, organizational and business decisions. Participates in meetings, task groups, teams, reviews and other environments to assist in collaborative results. Conducts site visits, investigations and studies to gather information. Prepares reports, presentations and papers to document findings, opinions and recommendations. May lead/mentor junior personnel. Excellent communications and analytical skills; working knowledge of computer systems and integrated software application programs. Some positions may require the ability to investigate, troubleshoot and design solutions to problems in specific areas of expertise.
Management Consultant II	Supports management, organizational and business tasks, consults as a subject area expert to solve complex problems in technical areas, including but not limited to engineering, science, logistics, asset management, operations, research, program management, risk, information technology, finance, acquisition, etc. Provides expert technical analyses and advice in specific technical areas to support management, organizational and business decisions. Participates in meetings, task groups, teams, reviews and other environments to assist in collaborative results. Conducts site visits, investigations and studies to gather information. Prepares reports, presentations and papers to document findings, opinions and recommendations. May lead/mentor junior personnel. Excellent communications and analytical skills; working knowledge of computer systems and integrated software application programs. Some positions may require the ability to investigate, troubleshoot and design solutions to problems in specific areas of expertise.
Management Consultant III	Supports management, organizational and business tasks, consults as a subject area expert to solve complex problems in technical areas, including but not limited to engineering, science, logistics, asset management, operations, research, program management, risk, information technology, finance, acquisition, etc. Provides expert technical analyses and advice in specific technical areas to support management, organizational and business decisions. Participates in meetings, task groups, teams, reviews and other environments to assist in collaborative results. Conducts site visits, investigations and studies to gather information. Prepares reports, presentations and papers to document findings, opinions and recommendations. May lead/mentor junior personnel. Excellent communications and analytical skills; working knowledge of computer systems and integrated software application programs. Some positions may require the ability to investigate, troubleshoot and design solutions to problems in specific areas of expertise.
Management Consultant IV	Supports management, organizational and business tasks, consults as a subject area expert to solve complex problems in technical areas, including but not limited to engineering, science, logistics, asset management, operations, research, program management, risk, information technology, finance, acquisition, etc. Provides expert technical analyses and advice in specific technical areas to support management, organizational and business decisions. Participates in meetings, task groups, teams, reviews and other environments to assist in collaborative results. Conducts site visits, investigations and studies to gather information. Prepares reports, presentations and papers to document findings, opinions and recommendations. May lead/mentor junior personnel. Excellent communications and analytical skills; working knowledge of computer systems and integrated software application programs. Some positions may require the ability to investigate, troubleshoot and design solutions to problems in specific areas of expertise.

Technical Writer/Editor II	Edit and coordinate the publication technical documentation through all phases of production, review, draft and final publication, and dissemination. Modifying and editing text, graphics (tables, illustrations, and figures), and mathematical representations to ensure clarity, conciseness (clear, logical presentation), consistency, parallel construction, correspondence of text with graphics, technical accuracy , and appropriateness of content throughout the document, without altering technical content.
Technical Writer/Editor III	Edit and coordinate the publication technical documentation through all phases of production, review, draft and final publication, and dissemination. Modifying and editing text, graphics (tables, illustrations, and figures), and mathematical representations to ensure clarity, conciseness (clear, logical presentation), consistency, parallel construction, correspondence of text with graphics, technical accuracy , and appropriateness of content throughout the document, without altering technical content.

2 TRAINING COURSES

2.1 PRICING

Course Title	Course Length	Minimum Participants	Maximum Participants	Facility	Price
Mobile User Objective System (MUOS) Planner/Manager (MPM)	3 days	1	10	Customer	\$28,350
Mobile User Objective System (MUOS) Planner/Manager (MPM)	3 days	11	25	Customer	\$47,250
Mobile User Objective System (MUOS) Planner/Manager (MPM)	3 days	26	50	Customer	\$64,050
Mobile User Objective System (MUOS) Provisioner/Operator (MPO)	3 days	1	10	Customer	\$28,350
Mobile User Objective System (MUOS) Provisioner/Operator (MPO)	3 days	11	25	Customer	\$47,250
Mobile User Objective System (MUOS) Provisioner/Operator (MPO)	3 days	26	50	Customer	\$64,050
Mobile User Objective System (MUOS) Professional (MP)	5 days	1	25	Customer	\$68,250
Mobile User Objective System (MUOS) Professional (MP)	5 days	26	50	Customer	\$88,200
Advanced Communications Instruction (ACI) Course	10 days	1	10	Customer	\$60,000

2.2 COURSE DESCRIPTION

Course Title	Course Description
Mobile User Objective System (MUOS) Planner/Manager (MPM)	The MUOS Planner/Manager (MPM) course is specifically designed to address all relevant topics for planner and manager roles. Students will gain critical insight into how to submit, verify and validate necessary requests for MUOS Profiles and Groups, and generate all necessary material to fulfill their requirements and position MUOS provisioners and operators for operational success. As with all STF MUOS courses, a MUOS and planning/provisioning overview will be provided to establish necessary context for other topics.

Mobile User Objective System (MUOS) Planner/Manager (MPM)	The MUOS Planner/Manager (MPM) course is specifically designed to address all relevant topics for planner and manager roles. Students will gain critical insight into how to submit, verify and validate necessary requests for MUOS Profiles and Groups, and generate all necessary material to fulfill their requirements and position MUOS provisioners and operators for operational success. As with all STF MUOS courses, a MUOS and planning/provisioning overview will be provided to establish necessary context for other topics.
Mobile User Objective System (MUOS) Planner/Manager (MPM)	The MUOS Planner/Manager (MPM) course is specifically designed to address all relevant topics for planner and manager roles. Students will gain critical insight into how to submit, verify and validate necessary requests for MUOS Profiles and Groups, and generate all necessary material to fulfill their requirements and position MUOS provisioners and operators for operational success. As with all STF MUOS courses, a MUOS and planning/provisioning overview will be provided to establish necessary context for other topics.
Mobile User Objective System (MUOS) Provisioner/Operator (MPO)	The MUOS Provisioner/Operator (MPO) course is tailored to cover all aspects of MUOS provisioning and operations. Students will gain valuable insight into how to create JENM MUOS network designs, generate radio mission plans, and configure all necessary hosts computers and applications. Training will culminate with live over-the-air communication on MUOS, following MUOS activation, demonstrating how to utilize all voice and data services. MUOS and planning/provisioning overview will be provided to establish necessary context for other topics.
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Mobile User Objective System (MUOS) Professional (MP)	MUOS Professional (MP) Training will provide students and current/future users the knowledge required to plan, provision and operate the MUOS waveform via any MUOS capable terminal. The course provides students with a better understanding of MUOS end-to-end (E2E) capabilities, System of Systems (SoS), terminology, services, features, E2E Keying requirements and functional roles. It also provides students a hands-on approach to learning how to plan MUOS in the Joint Enterprise Network Manager (JENM) software, load and activate MUOS on terminals, and operate MUOS services over-the-air. MP Training is a combination of MPM and MPO curriculum, providing the full end-to-end perspective of MUOS.
Mobile User Objective System	MUOS Professional (MP) Training will provide students and current/future users the knowledge required to plan, provision and operate the MUOS waveform via any MUOS capable terminal. The course provides students with a better understanding of

<p>(MUOS) Professional (MP)</p>	<p>MUOS end-to-end (E2E) capabilities, System of Systems (SoS), terminology, services, features, E2E Keying requirements and functional roles. It also provides students a hands-on approach to learning how to plan MUOS in the Joint Enterprise Network Manager (JENM) software, load and activate MUOS on terminals, and operate MUOS services over-the-air. MP Training is a combination of MPM and MPO curriculum, providing the full end-to-end perspective of MUOS.</p>
<p>Advanced Communications Instruction (ACI) Course</p>	<p>The Advanced Communications Instruction is a course covering all aspects of Radio Frequency (RF) communications. Curriculum topics include High Frequency (HF) operations, LOS waveforms including SATURN/HAVEQUICK II, and Mobile Ad Hoc Networks (MANET) waveforms such as TSM and ANW2C, and SATCOM waveforms including MUOS. Training is conducted with an operations focus and walks participants through processes such as the planning, configuration, and mission execution aspects, and includes the systems and applications utilized. Students will gain valuable insight into the operation of various planning tools such as Cloud RF and Systems Planning Engineering & Evaluation Device (SPEED), ensuring successful communications in any environment. Various configuration platforms not limited to Communications Planning Application (CPA) and Joint Enterprise Network Manager (JENM) are covered, in addition to various IP applications facilitating data flow and how to traverse different mediums in the process. Training will culminate with live over-the-air communication on all waveforms, demonstrating how to utilize all voice and data services.</p>