



Reliability Centered Maintenance

RCM Commercial Course Offerings

A complete course overview can be viewed at: <http://www.caci.com/fcc/lmr/rcm.shtml>

For Training Schedule and Course Information, please call (703) 460-1236

Last Updated: March 1, 2010

Commercial RCM Course Descriptions and Prices (2010)

Course Title: Backfit Reliability Centered Maintenance for Maintenance Practitioners

Course Number: RCM-BF

The course is 1.5 working days in duration and taught by U. S. Navy (Naval Sea Systems Command) certified instructors. This course provides training in the fundamentals of Backfit Reliability Centered Maintenance methodologies to be employed when performing an engineering review of existing maintenance tasks. Application of the Backfit RCM process is a low investment, high impact activity suited to organizations with an existing portfolio of scheduled or planned maintenance tasks. Upon completing training and an examination, individuals will understand how to properly apply this RCM methodology to maintenance assessments they perform. Students receive a laminated tri-fold copy of the Backfit RCM process (roadmap) as a course takeaway. Note: The course can be specifically tailored, at no extra charge, to the customer's needs to include developing practical examples for customer-owned systems or equipment. This course fulfills the intent of the Society of Automotive Engineers (SAE) JA 1011 (Evaluation Criteria for Reliability Centered Maintenance (RCM) Processes) and JA 1012 (A Guide to the Reliability Centered Maintenance (RCM) Standard) in establishing a "Living RCM Program" and in providing for periodic review of maintenance programs.

A complete course overview can be viewed at: <http://www.caci.com/fcc/lmr/rcm.shtml>

Length of Course: 1.5 days

Prerequisite: None

Number of Students per Class: Min. 1; Max. 20

Course Location(s): CACI Conference Center Fairfax, Virginia and Customer Location

Class Schedules: Contact Steve Cushmanick (703) 460-1353 for assistance.

Course Title: Classic Reliability Centered Maintenance for Maintenance Requirements Developers

Course Number: RCM-CL

The course is 5 working days in duration and taught by U. S. Navy (Naval Sea Systems Command) certified instructors. The course is for personnel who develop or approve maintenance requirements for new systems or equipment or systems/equipment that will be used in a new application or environment. The course begins with an introduction to maintenance engineering and RCM fundamentals and leads to detailed instruction in the process for developing maintenance tasks. The Classic RCM methodology is a lynchpin analytical process of any organization's reliability, availability, and maintainability program, and a necessary element to develop maintenance tasks that minimize a system's overall lifecycle costs. The Classic process is readily adaptable to any maintenance... from buildings to anything mechanical or electronic. The student is guided through multiple practical application examples to further illustrate the RCM process and to prepare for the four hour examination. Note: The course can

be specifically tailored, at no extra charge, to the customer's needs to include developing practical examples for customer-owned systems or equipment. Students receive a Student Guide and the Classic RCM Logic Tree as a course takeaway. This course fulfills the requirements of the Society of Automotive Engineers (SAE) JA 1011 (Evaluation Criteria for Reliability Centered Maintenance (RCM) Processes) and JA 1012 (A Guide to the Reliability Centered Maintenance (RCM) Standard).

A complete course overview can be viewed at: <http://www.caci.com/fcc/lmr/rcm.shtml>

Length of Course: 5 days

Prerequisite: None

Number of Students per Class: Min. 1; Max. 20

Course Location(s): CACI Conference Center Fairfax, Virginia and Customer Location

Class Schedules: Contact Steve Cushmanick (703) 460-1353 for assistance.

Course Title: Reliability Centered Maintenance: Train the Trainer

Course Number: RCM-TT

The course is 10 working days in duration and taught by U.S. Navy (Naval Sea Systems Command) certified instructors. The course is designed for individuals who have recognized in-depth knowledge of and high proficiency in using both Backfit and Classic RCM processes. The student is guided through a refresher in both the Backfit and Classic RCM methodologies followed by an introduction to Adult Learning Theory. The end goal of the course is for the student to be able to instruct others in the Backfit RCM methodology and facilitate RCM development. Students receive a Student Guide and the Classic RCM Logic Tree and a laminated tri-fold copy of the Backfit RCM process (roadmap) as a course takeaway. Note: The course can be specifically tailored, at no extra charge, to the customer's needs to include developing practical examples for customer-owned systems or equipment. This course fulfills the intent of the Society of Automotive Engineers (SAE) JA 1011 (Evaluation Criteria for Reliability Centered Maintenance (RCM) Processes) and JA 1012 (A Guide to the Reliability Centered Maintenance (RCM) Standard) in training personnel who will facilitate a "Living RCM Program" and provide for periodic review of maintenance requirements.

A complete course overview can be viewed at: <http://www.caci.com/fcc/lmr/rcm.shtml>

Length of Course: 10 days

Prerequisite: Current Backfit and Classic RCM training and use

Number of Students per Class: Min. 1; Max. 6

Course Location(s): Conference Center Fairfax, Virginia and Customer Location

Class Schedules: Contact Steve Cushmanick (703) 460-1353 for assistance.

Course Title: Reliability Centered Maintenance: Basis for Creation and Sustainment of a Maintenance Program

Course Number: RCM-CC

The course is 5 working days in duration and taught by U. S. Navy (Naval Sea Systems Command) certified instructors. This course covers the Backfit and Classic methodologies to give the student an understanding of both. This course provides training in how to apply RCM techniques to identify applicable and effective preventive maintenance task(s). Students will develop and document rationale and justifications for preventive maintenance task recommendations in an interactive learning environment. The student will be guided through practical application examples in the Classic and Backfit methods to further illustrate the RCM process and prepare the student for the four hour examination on the last day. Students receive a Student Guide and the Classic RCM Logic Tree and a laminated tri-fold copy of the Backfit RCM process (roadmap) as a course takeaway. Note: The course can be specifically tailored, at no extra charge, to the customer's needs to include developing practical examples for customer-owned systems or equipment. This course fulfills the requirements of the Society of Automotive Engineers (SAE) JA 1011 (Evaluation Criteria for Reliability Centered Maintenance (RCM) Processes) and JA 1012 (A Guide to the Reliability Centered Maintenance (RCM) Standard) in establishing a "Living RCM Program" and in providing for periodic review of maintenance programs.

A complete course overview can be viewed at: <http://www.caci.com/fcc/lmr/rcm.shtml>

Length of Course: 5 days

Prerequisite: None

Number of Students per Class: Min. 1; Max. 20

Course Location(s): Conference Center Fairfax, Virginia and Customer Location

Class Schedules: Contact Steve Cushmanick (703) 460-1353 for assistance.

Commercial RCM Course Prices (2010)

Course #	Courses Title	Days	Min Seats	Max Seats	Price per course*
RCM-BF	Backfit RCM for Practitioners	1.5	1	20	\$4,194.00
RCM-CL	Classic RCM for Maintenance Requirements Developers	5	1	20	\$13,345.00
RCM-TT	RCM Train the Trainer	10	1	6	\$21,000.00
RCM-CC	RCM: Basis for Creation and Sustainment of a Maintenance Program	5	1	20	\$13,345.00

** Courses offered at Customer Locations do not include the cost of instructor travel and shipping classroom materials. Instructor travel will be proposed in accordance with U. S. government Joint Travel Regulations as a other direct cost.*