

Upper Cape Cod Regional Technical School

School Improvement Plan

2009-2010

Upper Cape Cod Regional Technical School
School Improvement Plan Committee Members

Members of the Upper Cape Cod Regional Technical School Council

Robert A. Dutch, Chair	Principal
Dennis Theoharidis	Teacher Representative
Susan White	Teacher Representative
Trish Herlihy	Parent Representative
Dottie Martin	Parent Representative
Meg Borden	Parent Representative
Miranda Collins	Student Council Representative
Ryan Delgado	Student Council Representative
Louis Wilson	Advisory Committee Member
Scoba F. Rhodes	Community Representative
James Crossen	Community Representative
Karen Duggan	Community Representative
Dr. Sal Luca	Human Services Professional
Detective Michelle Tonini	Public Safety Official

Upper Cape Cod Regional Technical School Mission Statement

The mission of Upper Cape Cod Regional Technical School is to educate a diverse student population in order to actualize their personal, social, academic, and technical potential within a collegial learning community.

Vision Statement

Our vision is that Upper Cape Cod Regional Technical School graduates will be personal and professional role models in the workplace, post-secondary schools, and in their communities.

Philosophy

The Upper Cape Cod Regional Technical School is committed to the development of graduates who are independent, responsible, lifelong learners capable of successfully competing in a rapidly changing technological world. Administration, faculty, and staff have the responsibility of educating the entire student by preparing graduates who know how to make positive choices and assume the responsibility of citizenship in the pluralistic society in which we live and work.

We are committed to preparing students to enter the workplace prepared for change, with employability skills that can be transferred and adapted as technology advances. In addition, we are committed to preparing college bound students with the best academic and technological tools to be successful in their college endeavors. We adhere to the philosophy of intensive occupationally specific instruction integrated with a strong academic foundation. These high standards will provide students with the necessary skills to realize their career and educational goals.

We recognize our responsibility to the communities we serve by providing quality equal opportunity post-secondary programs to educate and retrain workers in preparation for the challenges of the 21st century. Upper Cape Cod Regional Technical School addresses the ancillary needs of our communities by providing services and facilities to business, labor, public service, and recreational organizations.

Success in fulfilling our goals is contingent on a sufficient and qualified staff and on policies that foster professional development and a positive work environment. We believe open communication and participation with all segments of the school and the community will create an atmosphere of mutual respect and cooperation necessary for successful teaching and learning.

Principal's Statement

Upper Cape Tech continues to make tremendous strides in upgrading the educational opportunities for our students. Upper Cape Tech has improved its MCAS scores significantly, opened its doors to greater public participation and awareness of its facilities and programs, energized its recruitment efforts, and been able to win nationwide recognition for its accomplishments.

In our recent Decennial Evaluation by the New England Association of Schools and Colleges (NEASC) several of the major recommendations focused on issues surrounding space, crowding and increased expenditures.

Upper Cape Tech continues to include parents, students, the school committee, teachers, and community involvement to strengthen our commitment to program improvement and the further integration of Upper Cape Tech into the community in the future.

The School Council is more than an "Advisory Committee." It is involved in the academic, technical, and social structure of UCT. It is responsible for assisting in the development of the budget, curriculum, and extracurricular initiatives that advance the quality of teaching, learning, and the school as community.

Demographic Information

Upper Cape Cod Regional Technical School was built in 1968 and is the only technical school in the Upper Cape Cod area. UCCRTS is located at 220 Sandwich Road in Bourne, overlooking the Cape Cod Canal. Upper Cape Tech services five sending communities: Bourne, Falmouth, Marion, Sandwich, and Wareham. Upper Cape Tech services a total of 670 students in grades 9-12, 114 from Bourne, 200 from Falmouth, 19 from Marion, 123 from Sandwich, and 214 from Wareham.

The student population is approximately 92% Caucasian, 1.1% Hispanic, 0.6% Asian, 0.8% American Indian, and 3.5% African American. Free and reduced lunches are received by 16.2% of the population. There are no ELL students enrolled at this time and the special education population is 22.7%.

Upper Cape Cod Regional Technical School MCAS Results 2007

Grade 10 ELA and Mathematics

MCAS scores range from 200-280 and are associated with performance levels as follows:

Advanced	260-280
Proficient	240-258
Needs Improvement	220-238
Failing	200-218

There are 173 students in grade 10 who took the MCAS.

Grade 10 ELA

Failing	Needs Improvement	Proficient	Advanced
0%	26%	60%	14%

Grade 10 Mathematics

Failing	Needs Improvement	Proficient	Advanced
3%	26%	37%	34%

These results show that Upper Cape Cod Regional Technical School students have been improving steadily. UCCRTS continues to meet its AYP this year. There are still challenges ahead for us as we work to have more students achieve scores in the proficient and advanced categories, and fewer in failing and needs improvement as required by No Child Left Behind (NCLB) legislation. The School Goals in curriculum and instruction are designed to reflect this challenge.

Theme 1: Student Learning/ Curriculum and Instruction

High expectations are at the heart of the vision for all students enrolled at Upper Cape Tech. By embracing the Massachusetts Curriculum Frameworks, curricula are provided that prepares and challenges all students while providing the foundational building blocks for future learning.

Action Steps	Person Responsible	Resources	Timeline	Evaluation
Math, ELA, and Science curricula have been aligned with State Frameworks and will continue to be monitored for alignment and updates.	Principal, Curriculum Director, Faculty	State Frameworks, Professional Development, Grant funding	Completed and Ongoing	MCAS scores
Provide summer remediation program for all incoming freshman scoring below 240 in ELA or Math	Principal, Curriculum Director, Student Services, and faculty	Grant funding	Summer 2009	MCAS Scores
Create systematic method for planning instruction	Director of Curriculum	Negotiation	2009 - 2010	
Offer more choice in courses for juniors and seniors	Principal, Director of Curriculum and Dept. Heads	Budget	2009 - 2010	
Implement mandated competency tracking	Staff	DOE website	2009 - 2010	
Technical teachers will align and update their curriculum to match the VTE Frameworks	Supervisors	Curriculum guides and VTE Frameworks	2009 - 2010	COPS
Modify schedule to allow for rotation of periods	Principal	Rediker	2009 - 2010	Grades and discipline
Modify grading periods to increase quantity of quality information for making student decisions.	Principal	Rediker	2009 - 2010	Grades
Provide meaningful feedback through staff evaluation system	Principal, Supervisors and staff	Evaluation documents	2009 - 2010	

School Goal: To continue to initiate a comprehensive school assessment program this will assist our students in the accomplishments of technical and academic endeavors.

Action Steps	Person Responsible	Resources	Timeline	Evaluation
Collect, disseminate and utilize data to improve instruction.	Curriculum Director	Test Wiz	On-going	
Improve student performance on Senior Project	Senior Project Committee	Senior project guideline document	On-going	Senior projects
Continue implementation of student portfolios as graduation requirement	Portfolio Committee	Portfolio Committee	On-going	Portfolios

School Goal: To ascertain the need for additional technical programs and plan for appropriate programming based on the needs of our students and surrounding communities.

Action Steps	Person Responsible	Resources	Timeline	Evaluation
Plan for implementation of Legal and Protective Services or Visual Design	Principal and supervisors	Budget	2009 - 2010	Surveys and other data
Improve student employment opportunities	Coop Coordinator and Liaisons	Network	2009 - 2010	Perkins data
Update equipment to match that seen in industry	Principal and Supervisors	Program Advisory	2009 - 2010	Program Advisory minutes

School Goal: To continue to provide meaningful professional development for all staff.

Action Steps	Person Responsible	Resources	Timeline	Evaluation
Provide on-going meaningful professional development through coaching and mentoring	Professional Development Committee	IDEA Stimulus	2009 - 2010	
Provide required licensure courses on-site	Principal/ Curriculum Director	MAVA, FSC, UMASS	2009 - 2010	

Theme 2: Community

The school has a planned program of school and community relations to promote appropriate communications and interaction with the stakeholders, including business and industry, parents, alumni and residents.

Action Steps	Person Responsible	Resources	Timeline	Evaluation
Continue to provide a Transition Program for accepted students.	Principal	Grant funding	Summer 2009	Student retention
Continue to provide parent information sessions.	Principal and Student Services		Summer 2009	Freshman breakfast (spring) and late summer BBQ
Utilize minority students in recruitment efforts.	Student Services	Recruitment materials	2009 - 2010	

School Goal: To continue to improve public relations/communication with sending communities, alumni and parents.

Action Steps	Person Responsible	Resources	Timeline	Evaluation
Development of newsletters.	Staff and administration	Website and Edline	On-going	Quarterly for 2008-09
Development of email system between teachers and parents	Principal and teachers	Edline	2009-2010	
Continuation of regular communication system between administration and teachers	Administrators and staff	After-school meetings and common meetings times	2009-2010	Survey

Theme 3: Facilities

School Goal: To improve safety and security while providing sufficient space to minimize overcrowding.

Action Steps	Person Responsible	Resources	Timeline	Evaluation
Work towards minimizing traffic impact during dismissal	Superintendent, Principal and School Security specialist	Bourne Police Dept.	2009 - 2010	MVA data
Create more classroom space	Superintendent and Principal	Budget	2009 - 2010	Review of class size
Continue improvements to baseball facility	Superintendent	Budget	2009 - 2010	