

Upper Cape Cod Regional Technical School

School Improvement Plan

2008-2009

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
Donna Moore	Teacher Representative
Dennis Theoharidis	Teacher Representative
Susan White	Teacher Representative
Trish Herlihy	Parent Representative
Dottie Martin	Parent Representative
Meg Borden	Parent Representative
Marysa Casey	Student Council Representative
Ryan Delgado	Student Council Representative
Megan Lino	Program Advisory Representative
Louis Wilson	Advisory Committee Member
Joseph Agrillo	Community Representative
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 21<sup>st</sup> 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 has made 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, 126 from Bourne, 187 from Falmouth, 24 from Marion, 139 from Sandwich, and 194 from Wareham.

The student population is approximately 92% Caucasian, 1.5% Hispanic, 0.3% Asian, 0.6% American Indian, and 3.5% African American. Free and reduced lunches are received by 20.5% of the population. There are no ELL students enrolled at this time and the special education population is 23.7%.

## 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 158 students in grade 10 who took the MCAS.

### Grade 10 ELA

Failing	Needs Improvement	Proficient	Advanced
3%	34%	56%	8%

### Grade 10 Mathematics

Failing	Needs Improvement	Proficient	Advanced
8%	32%	43%	18%

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 Plan**

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.	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 2008	MCAS Scores
Continue to provide opportunities for remediation for students scoring below 240 in ELA or Math MCAS via decreased class size.	Principal, Student Services and Curriculum Director	Local budget	Ongoing	Review of class size and MCAS
Continue to provide opportunities for Common Planning	Principal	Reddiker Software	On-going	Staff evaluation
Develop process for development and implementation of EPP's and ISSP's.	Principal, Student Services and Curriculum Director		On-going	Competency determination data
Evaluate current course names and descriptions.	Principal/Student Services	Course descriptions	2008-09	

Rename courses to appropriately identify content.	Principal/Student Services	MassCore and curriculum guides	2008-09	
Explore extended learning time	Principal/Staff	Grant funded	2008-09	
Implement mandated competency tracking	Staff	DOE website	2008-09	
Technical teachers will align their curriculum to the VTE Frameworks	Supervisors	Curriculum guides and VTE Frameworks	2008-09	COPS
Provide time for technical teachers to align their frameworks	Supervisors	Schedule	2008-09	
Review student data on skills attainment, program completion and post grad placement	Supervisors	Perkins Plan review	2008-09	Core indicators
Begin to explore semester courses	Principal/ Curriculum Director	Research other districts and use of Rediker	2008-09	

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

**Action Plan:**

<b>Action Steps</b>	<b>Person Responsible</b>	<b>Resources</b>	<b>Timeline</b>	<b>Evaluation</b>
Collect, disseminate and utilize data to improve instruction.	Curriculum Director	Test Wiz	On-going	
Continue evaluating student growth	Staff	Stanford 10	On-going	Stanford 10 results
Improve student performance on Senior Project	Senior Project Committee	Senior project guideline document	On-going	Senior projects
Implement use of student portfolios as graduation requirement	Portfolio Committee	Reddiker software	On-going	Portfolios

**School Goal:** To continue to increase the amount and variety of opportunities for participation by students in extracurricular activities and leadership.

**Action Plan:**

<b>Action Steps</b>	<b>Person Responsible</b>	<b>Resources</b>	<b>Timeline</b>	<b>Evaluation</b>
Explore interest in additional activities.	Assistant Principal/ Athletic Director	Surveys	On-going	Review of data
Institute lacrosse program and intramural flag football	Principal/ Assistant Principal/ Athletic Director	Budget	2008-2009	Review program participation
Plan for additional activities through budgeting and staffing.	Principal, Superintendent	Budget and staff availability	On-going	

**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 Plan:**

<b>Action Steps</b>	<b>Person Responsible</b>	<b>Resources</b>	<b>Timeline</b>	<b>Evaluation</b>
Survey Workforce Investment Board	Superintendent		On-going	
Review Employment projections	Superintendent	Department of Labor statistics	2008-09	
Phase out of masonry program	Principal and Superintendent		2007-08	Completed
Continue exploration of Legal and Protective Services and Visual Design	Principal and supervisor	Grant	2008-09	Surveys and other data

**School Goal:** To continue to support the efforts of “*Pathways to Success*” in order to meet and exceed the requirements of NCLB in regards to attendance.

**Action Plan:**

<b>Action Steps</b>	<b>Person Responsible</b>	<b>Resources</b>	<b>Timeline</b>	<b>Evaluation</b>
Assure meaningful activities engaged in during Pathways	Principal	Staff	On-going	Improved attendance rate

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

**Action Plan:**

<b>Action Steps</b>	<b>Person Responsible</b>	<b>Resources</b>	<b>Timeline</b>	<b>Evaluation</b>
Revise district professional development plan	Principal/Professional Development Committee	Local budget	2008-09	
Develop professional development calendar	Principal/Professional Development Committee		2008-09	
Provide Whalley computer training	Principal/Superintendent	Local budget	2008-09	
Provide required licensure courses on-site	Principal/ Curriculum Director	MAVA, FSC, UMASS	2008-09	

**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 Plan:**

<b>Action Steps</b>	<b>Person Responsible</b>	<b>Resources</b>	<b>Timeline</b>	<b>Evaluation</b>
Continue utilizing staff and students in high tech and non-traditional areas in the process of recruitment.	Student Services	Staff	On-going	Application data
Continue to provide a Transition Program for accepted students.	Principal	Grant funding	Summer 2008	Student retention
Continue to provide parent information sessions.	Principal and Student Services		Summer 2008	Freshman breakfast (spring) and late summer BBQ
Develop programs to engage students in grades six and seven.	Student services	Self funded summer camp	2008-09	Application data
Explore communication center/message board	Principal	PTO/Local budget	2008-09	Implementation for Sept. 08

**School Goal:** To continue to improve public relations/communication with sending communities and with the Alumni.

**Action Plan:**

<b>Action Steps</b>	<b>Person Responsible</b>	<b>Resources</b>	<b>Timeline</b>	<b>Evaluation</b>
Development of newsletters on the school website.	Staff and administration	Website and Edline	On-going	Quarterly for 2008-09
Develop an organized community service component for extra-curricular programs including athletics	Assistant Principal	Surveys and committee formation		
Continue expansion of the PTO	Principal		On-going	
Explore organization of an Upper Cape Tech Athletic Association	Principal/ Athletic Director	All school boosters	2008-09	
Continue developing positive relationships with local news outlets.	All Staff		On-going	

**School Goal:** To focus on health and safety for students and staff ensuring a safe and productive school environment.

**Action Plan:**

<b>Action Steps</b>	<b>Person Responsible</b>	<b>Resources</b>	<b>Timeline</b>	<b>Evaluation</b>
Ensure all technical areas have at least one member OSHA trained	Supervisors	OSHA training courses	2008-09	Documentation
Adopt a school wide Health and Safety Plan	Principal and Safety Committee	Health and Safety grant	2008-09	Documentation

